

AB High Income Z AGDZX

Morningstar Category
High Yield Bond

Morningstar Index
ICE BofAML US High Yield TR USD

Portfolio Manager(s)

Douglas Peebles since 08-2002
Matthew Sheridan since 10-2005
Gershon Distenfeld since 02-2008
Shamaila Khan since 02-2019

Quantitative Screens

Performance: The fund has finished in the High Yield Bond category's top three quartiles in 4 of the 6 years it's been in existence.

Management: The fund's management has been in place for 17.59 years.

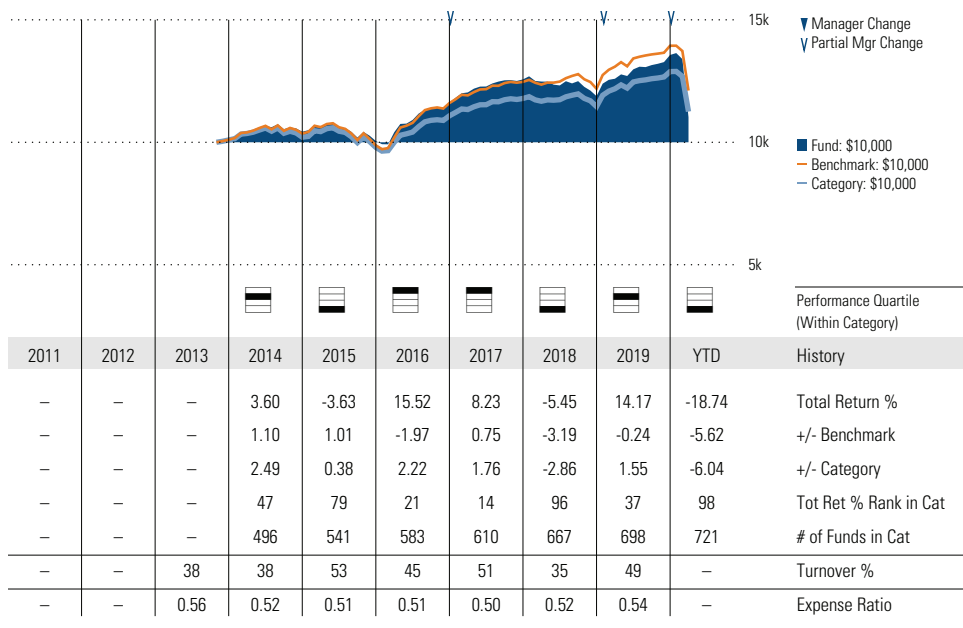
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.54 is 45.45% lower than the High Yield Bond category average.

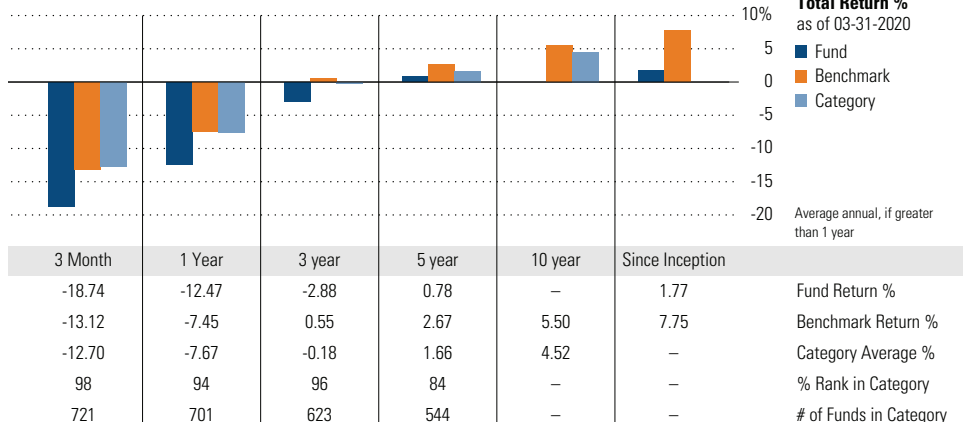
Morningstar Investment Management LLC Analysis

This wide-ranging high yield fund, which at times invests in emerging markets and foreign currencies, has endured very poor performance in recent years. As of March 31, 2020, the fund's trailing one-, three-, and five-year returns all fall in the category's bottom decile. Moreover, the fund's longtime portfolio manager and AB CIO Doug Peebles will be retiring in January of 2021. This comes on the heels of Paul DeNoon's (another longtime portfolio manager) late 2019 retirement. While the team seems to retain ample experience and stability, these personnel changes add to the concerns about this fund's risk-taking and performance. We are placing the fund on watch until further notice.

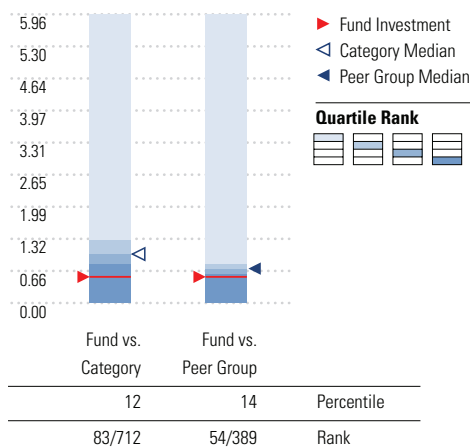
Growth of \$10,000



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	-3.43	-	-0.79
Beta	1.33	-	0.97
R-Squared	94.80	-	96.27
Standard Deviation	11.25	8.22	8.13
Sharpe Ratio	-0.36	-0.10	-0.19
Tracking Error	3.75	-	1.93
Information Ratio	-0.92	-	-0.49
Up Capture Ratio	86.21	-	87.86
Down Capture Ratio	132.20	-	98.22

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.68	-	3.42
Avg Eff Maturity	5.65	-	5.85

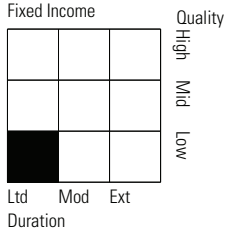
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Morningstar Category
High Yield Bond

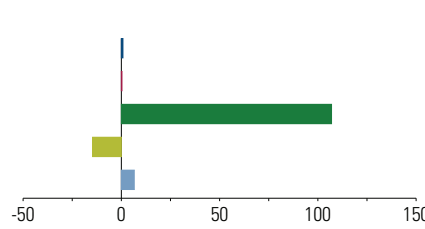
Morningstar Index
ICE BofAML US High Yield TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.81	0.63
Non-US Stocks	0.31	0.03
Bonds	106.96	97.30
Cash	-14.65	2.13
Other	6.58	-0.11
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	15.03	-	1.78
AA	0.14	-	1.17
A	1.42	-	1.47
BBB	18.05	-	3.75
BB	26.98	-	37.28
B	22.78	-	40.07
Below B	6.49	-	13.25
Not Rated	9.11	-	1.23

Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Government	19.42	-	3.64			
Treasury	19.04	-	1.56			
Inflation – Protected	0.00	-	0.00			
Agency/Quasi Agency	0.38	-	0.11			
Other Government Related	0.00	-	1.97			
Corporate	34.62	-	85.52			
Corporate Bond	27.20	-	81.19			
Bank Loan	3.72	-	3.24			
Convertible	3.05	-	0.90			
Preferred	0.65	-	0.19			
Securitized	6.85	-	1.39			
Agency MBS Pass-Through	0.00	-	0.07			
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	3.74	-	0.17			
Non-Agency Residential MBS	0.65	-	0.21			
Commercial MBS	0.83	-	0.16			
Asset-Backed	1.63	-	0.78			
Covered Bond	0.00	-	0.00			
Municipal	0.17	-	0.01			
Cash & Equivalents	3.85	-	4.19			
Other	35.09	-	5.23			

Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ CashOffSet	-	21.27	21.27	-
⊕ Cdx-Nahys33v2-5y Cdss 525939 5% 20/12/2024	12-2024	19.61	40.88	-
United States Treasury Notes 2.38%	05-2029	9.30	50.18	-
Itraxx-Xovers27v1-5y Cdsb 4491 5% 20/06/2022	06-2022	8.43	58.61	-
⊕ Brl Fwd Vs Usd 0% 03/03/2020	03-2020	4.83	63.44	-
⊕ Eur Fwd Vs Usd 0% 08/04/2020	04-2020	4.82	68.27	-
⊕ Eur Fwd Vs Usd 0% 08/04/2020	04-2020	4.68	72.95	-
⊕ Brl Fwd Vs Usd 0% 03/03/2020	03-2020	4.60	77.56	-
⊕ Brl Fwd Vs Usd 0% 03/03/2020	03-2020	4.53	82.08	-
⊕ Brl Fwd Vs Usd 0% 03/03/2020	03-2020	4.45	86.54	-

Total Holdings 1073

⊕ Increase ⊖ Decrease ✳ New to Portfolio

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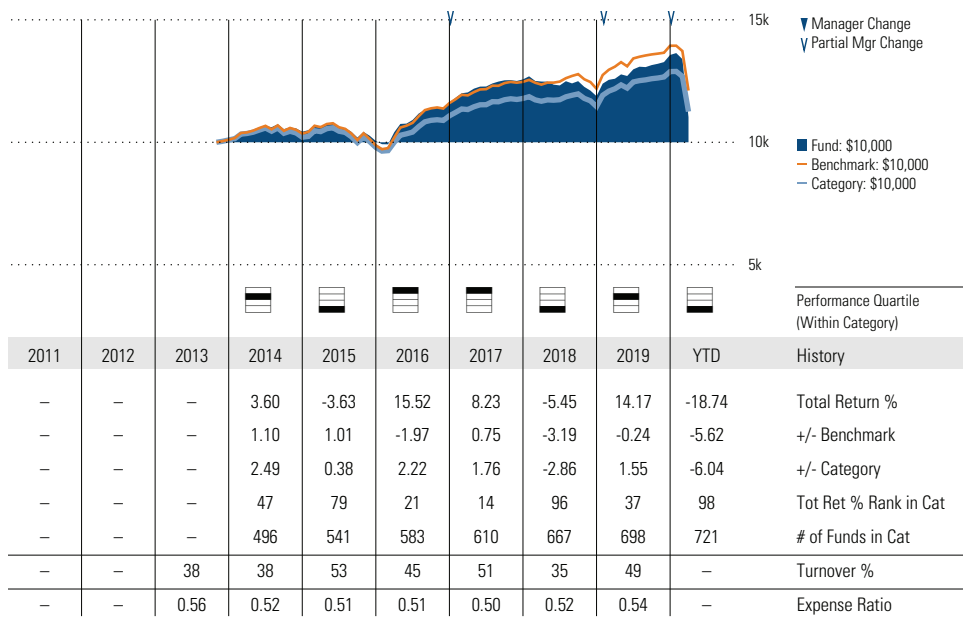
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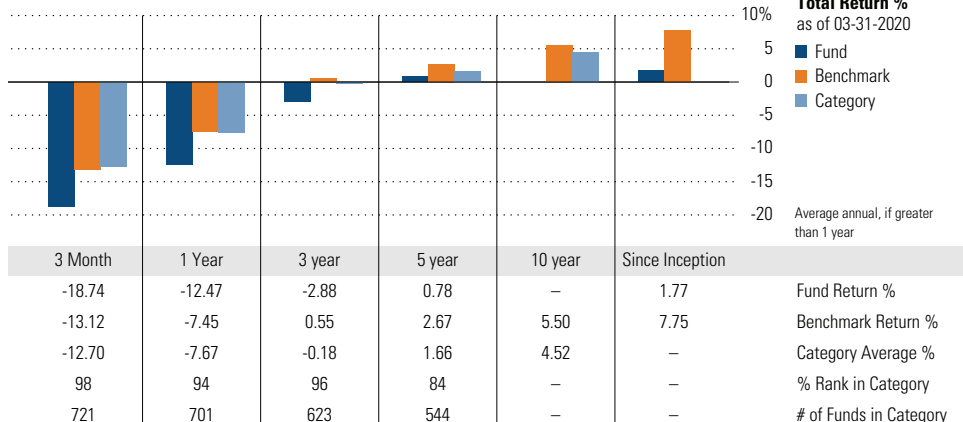
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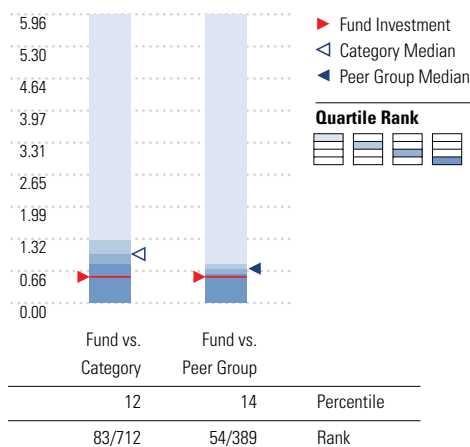
Growth of \$10,000



Trailing Performance



Net Expense



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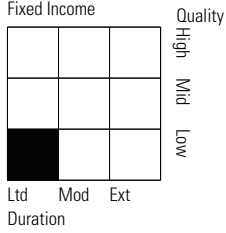
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Morningstar Category
High Yield Bond

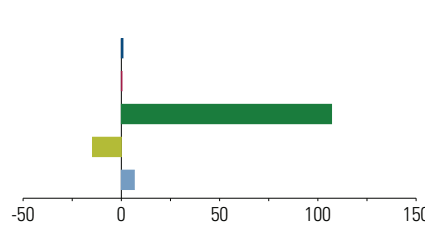
Morningstar Index
ICE BofAML US High Yield TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020

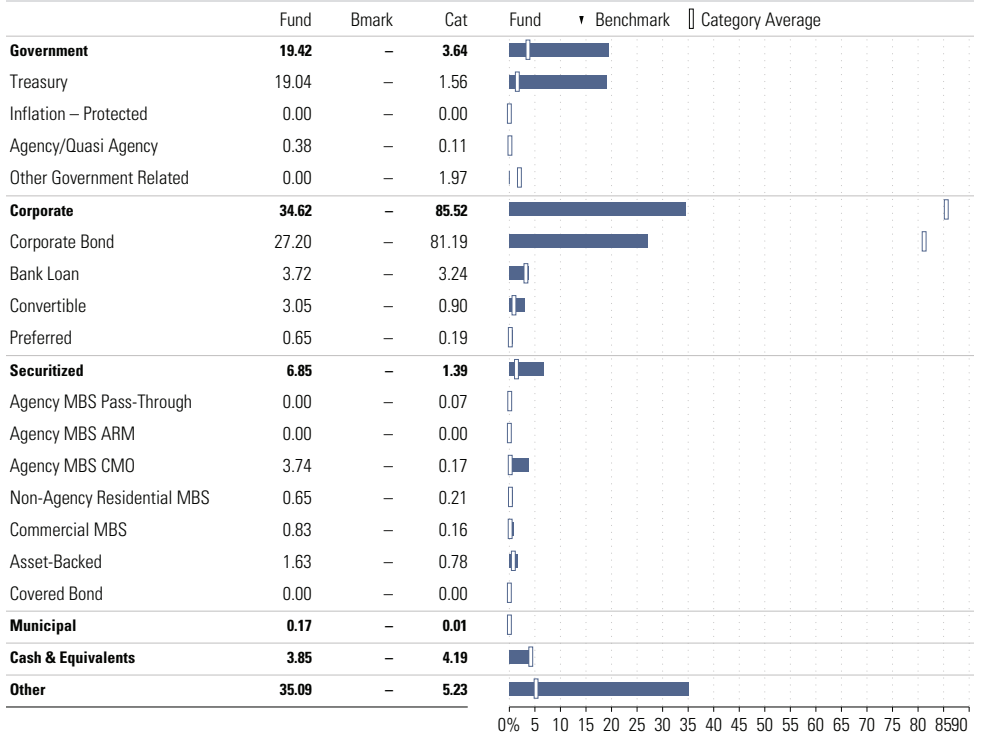


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Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

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Total Holdings 1073

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds Europacific Growth R6 RERGX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

- Carl Kawaja since 06-2001
- Nicholas Grace since 06-2002
- Sung Lee since 06-2002
- Jesper Lyckeus since 06-2004
- Jonathan Knowles since 06-2006
- Andrew Suzman since 06-2007
- Christopher Thomsen since 06-2008
- Lawrence Kymisis since 06-2014
- Lara Pellini since 10-2014
- Gerald Manoir since 01-2020
- Noriko Chen since 01-2020

Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign 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 18.84 years.

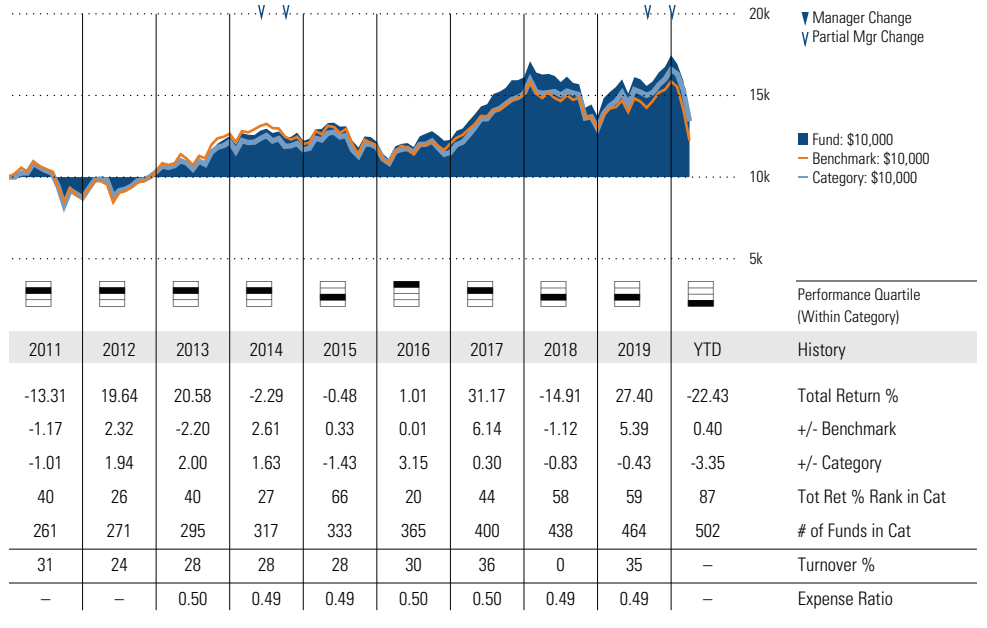
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.49 is 55.45% lower than the Foreign Large Growth category average.

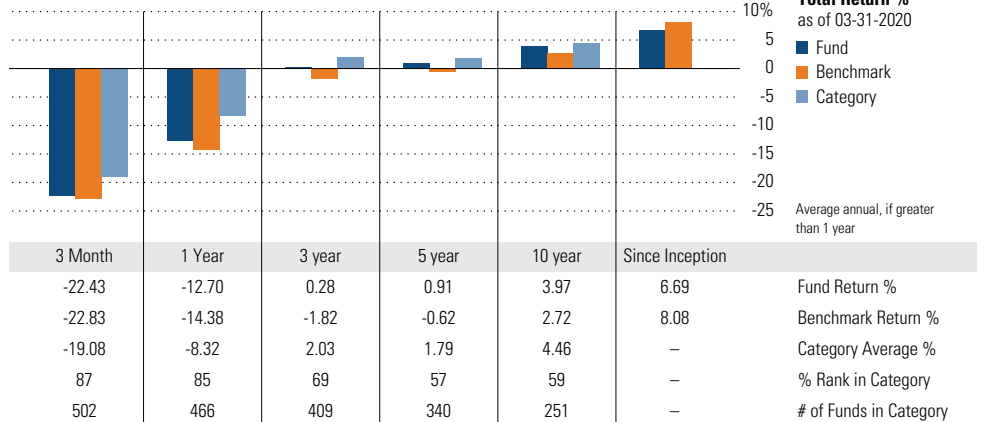
Morningstar Investment Management LLC Analysis

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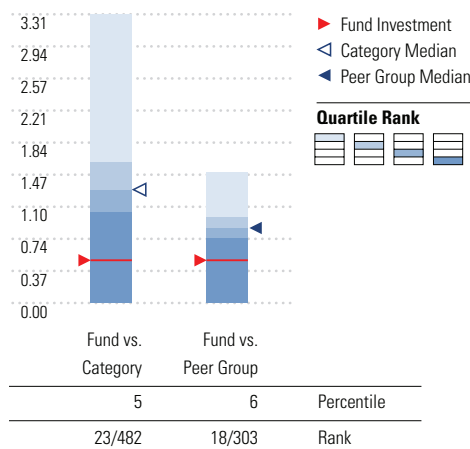
Growth of \$10,000



Trailing Performance



Net Expense



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3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.30	-	3.82
Beta	1.03	-	0.96
R-Squared	93.84	-	-
Standard Deviation	15.57	14.58	14.92
Sharpe Ratio	-0.02	-0.17	0.07
Tracking Error	3.90	-	5.27
Information Ratio	0.54	-	0.71
Up Capture Ratio	104.73	-	102.49
Down Capture Ratio	93.79	-	83.57

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.72	13.90	18.97
Price/Book Ratio	2.01	1.27	2.46
Geom Avg Mkt Cap \$B	39.60	30.88	36.31
ROE	15.01	15.37	18.90

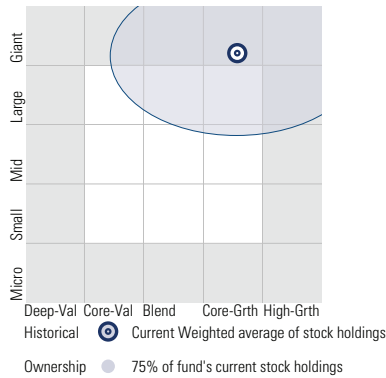
American Funds Europacific Growth R6 RERGX

Morningstar Category
Foreign Large Growth

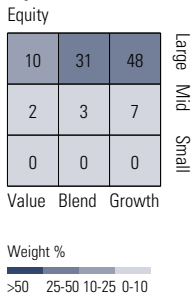
Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 03-31-2020

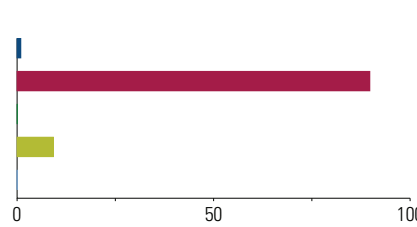
Morningstar Style Box™



Style Breakdown

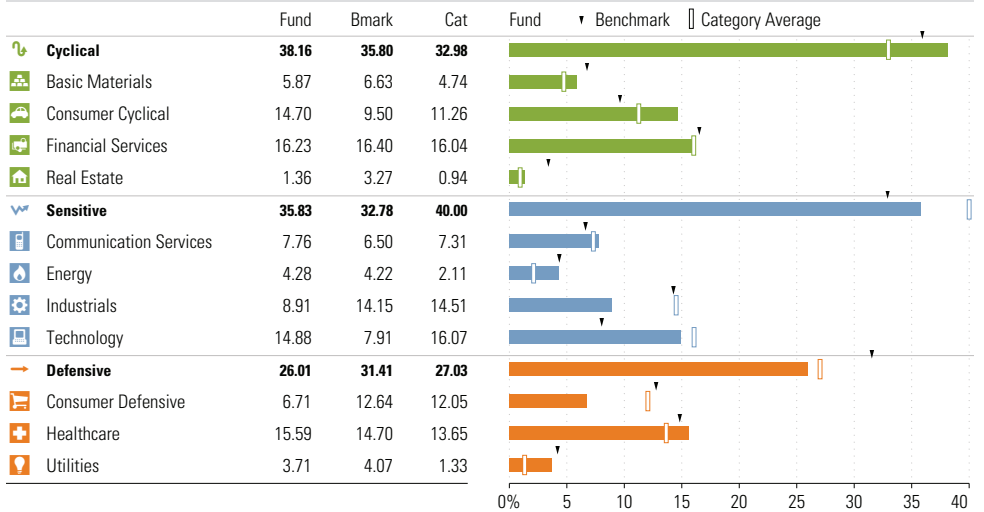


Asset Allocation as of 03-31-2020

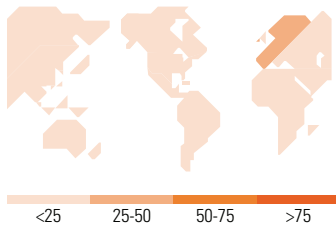


Asset Class	Net %	Cat%
US Stocks	9.93	7.26
Non-US Stocks	89.74	89.93
Bonds	0.09	0.02
Cash	9.23	2.57
Other	0.01	0.21
Total	100.00	100.00

Sector Weighting as of 03-31-2020



World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	46.78	32.33	Americas	9.53	12.99	Greater Europe	43.69	54.68	Developed Markets	72.93
Japan	16.40	13.97	North America	4.24	11.17	United Kingdom	8.17	11.67	Emerging Markets	27.07
Australasia	0.90	1.99	Central/Latin	5.29	1.82	W euro-ex UK	33.69	41.89	Not Available	0.00
Asia-4 Tigers	8.86	6.56				Emrgng Europe	0.82	0.40		
Asia-ex 4 Tigers	20.62	9.81				Africa	1.01	0.72		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	8.75	8.75	—	—
AIA Group Ltd	2.61	11.36	-14.24	Financial Services
ASML Holding NV	2.39	13.75	-8.06	Technology
Reliance Industries Ltd	2.13	15.89	-26.44	Energy
Daiichi Sankyo Co Ltd	2.08	17.97	3.33	Healthcare
Nintendo Co Ltd	1.78	19.74	-3.96	Communication Svc
HDFC Bank Ltd	1.68	21.42	-32.25	Financial Services
Keyence Corp	1.57	22.99	-9.25	Technology
MercadoLibre Inc	1.54	24.53	-14.57	Consumer Cyclical
LVMH Moet Hennessy Louis Vuitton SE	1.52	26.05	-18.29	Consumer Cyclical

Total Holdings 334

⊕ Increase ⊖ Decrease ✱ New to Portfolio

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Morningstar Category
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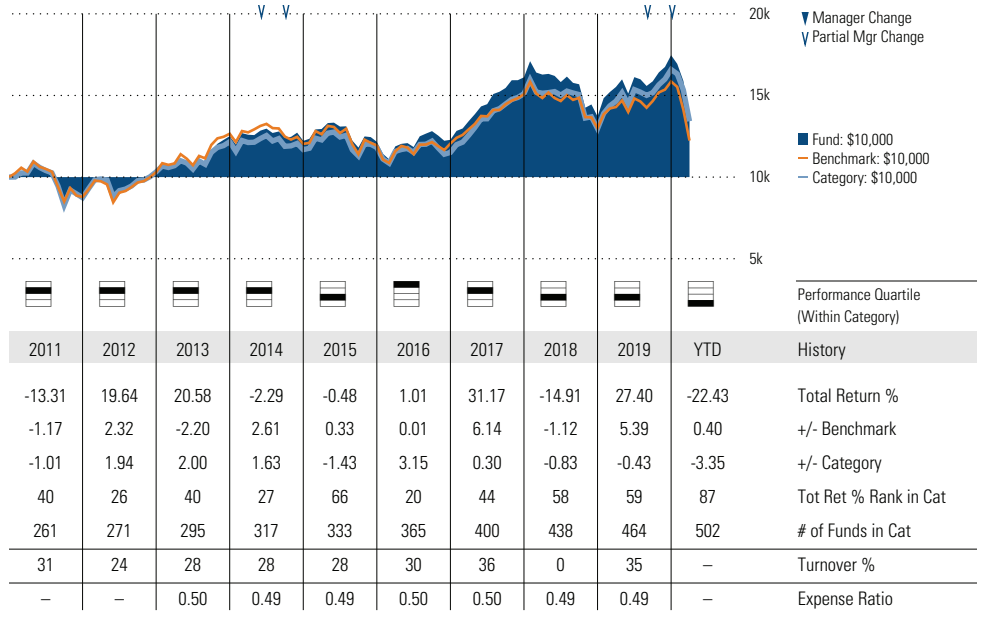
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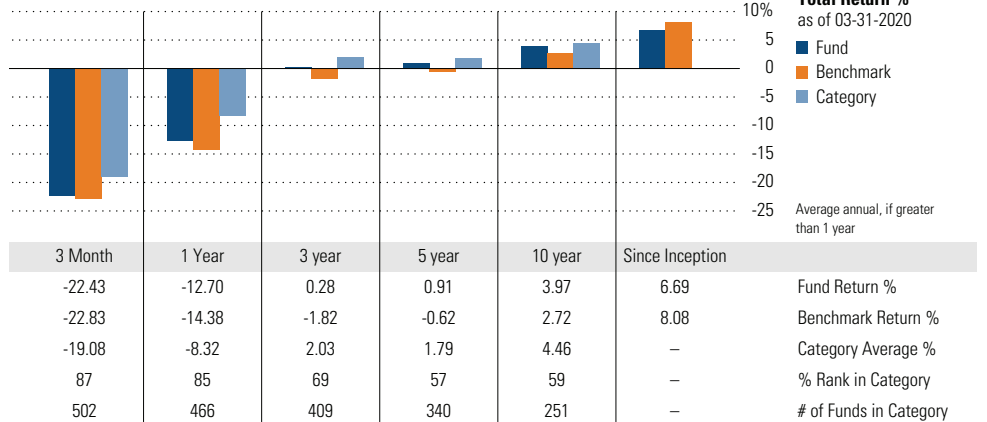
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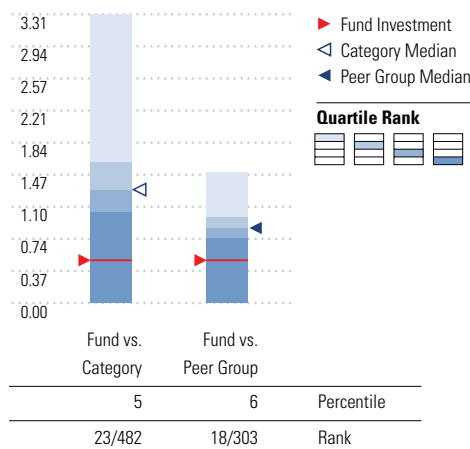
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ROE	15.01	15.37	18.90

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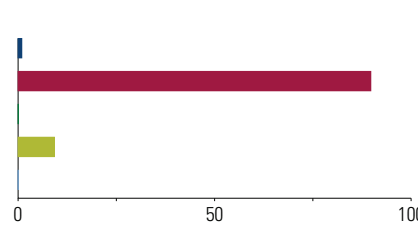
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Style Breakdown

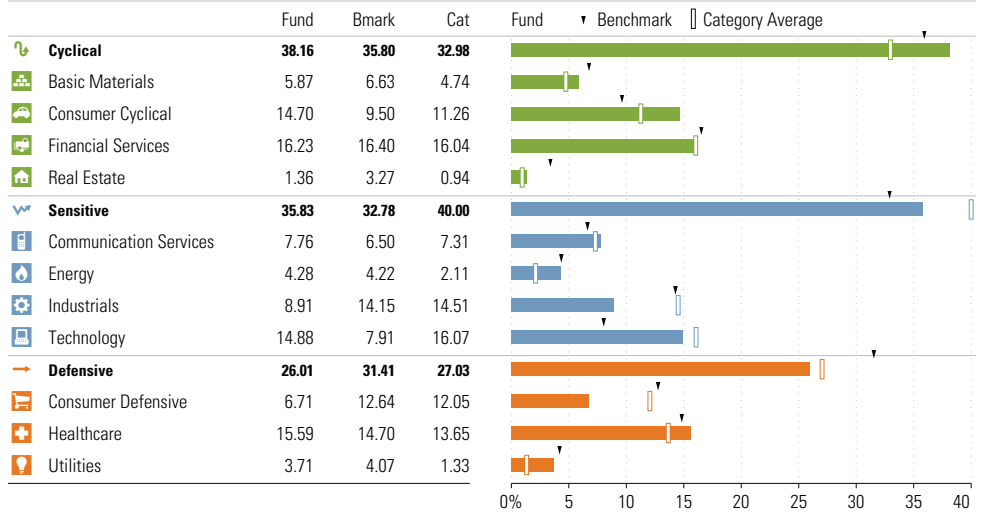


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Australasia	0.90	1.99	Central/Latin	5.29	1.82	W euro-ex UK	33.69	41.89	Not Available	0.00
Asia-4 Tigers	8.86	6.56				Emrgng Europe	0.82	0.40		
Asia-ex 4 Tigers	20.62	9.81				Africa	1.01	0.72		
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World Large Stock

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MSCI ACWI Ex USA NR USD

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Jonathan Knowles since 12-2004
Steven Watson since 12-2005
Brady Enright since 12-2005
Jody Jonsson since 12-2005
Noriko Chen since 04-2012
Andraz Razen since 07-2015

Quantitative Screens

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✔ **Management:** The fund's management has been in place for 19.34 years.

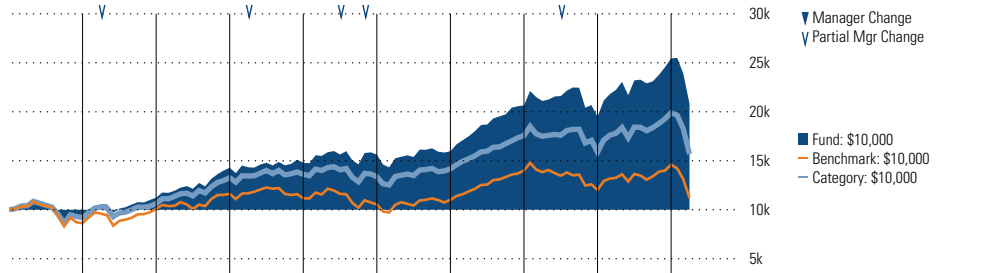
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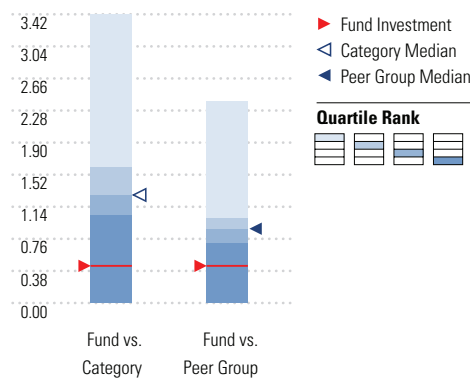
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-7.33	21.19	27.23	3.56	5.63	2.19	29.30	-5.56	30.48	-18.20	Total Return %
6.38	4.36	11.94	7.43	11.29	-2.31	2.11	8.64	8.97	5.16	+/- Benchmark
0.60	5.35	2.04	0.77	7.32	-3.35	5.69	4.08	4.80	2.85	+/- Category
43	14	38	40	6	77	16	18	19	28	Tot Ret % Rank in Cat
396	430	504	563	614	670	728	810	862	923	# of Funds in Cat
24	16	30	25	27	22	28	23	20	-	Turnover %
-	-	0.45	0.45	0.45	0.45	0.45	0.44	0.44	-	Expense Ratio

Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-18.20	-6.37	5.94	6.08	8.68	11.17	Fund Return %
-23.36	-15.57	-1.96	-0.64	2.05	3.61	Benchmark Return %
-21.05	-11.91	1.13	2.45	5.72	-	Category Average %
28	21	17	13	10	-	% Rank in Category
923	867	756	624	378	-	# 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	7.66	-	3.28
Beta	0.93	-	0.94
R-Squared	90.00	-	86.81
Standard Deviation	14.87	15.15	15.25
Sharpe Ratio	0.35	-0.17	0.06
Tracking Error	4.81	-	5.74
Information Ratio	1.64	-	0.57
Up Capture Ratio	109.19	-	98.57
Down Capture Ratio	71.51	-	83.21

Portfolio Metrics

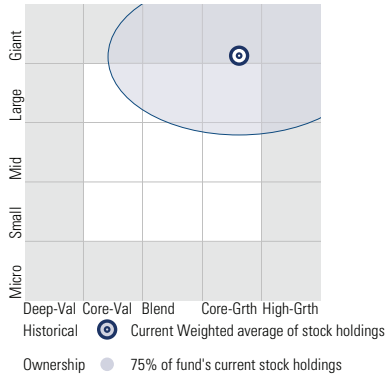
	Fund	Bmark	Cat
Price/Earnings Ratio	21.45	13.01	14.41
Price/Book Ratio	3.01	1.30	1.86
Geom Avg Mkt Cap \$B	72.80	30.91	59.56
ROE	20.42	15.58	21.53

American Funds New Perspective R6 RNPGX

Morningstar Category
World Large Stock

Morningstar Index
MSCI ACWI Ex USA NR USD

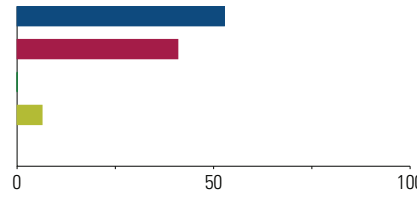
Style Analysis as of 03-31-2020
Morningstar Style Box™



Style Breakdown

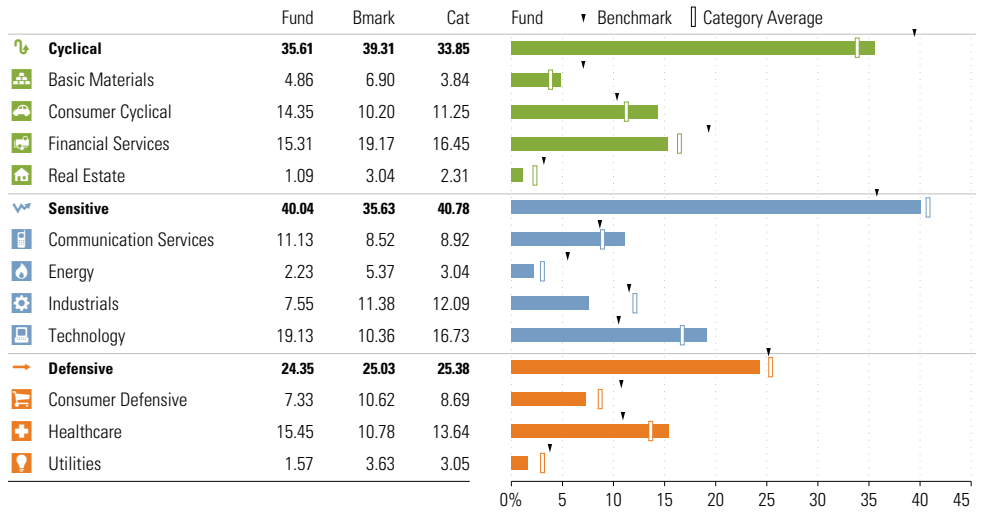


Asset Allocation as of 03-31-2020

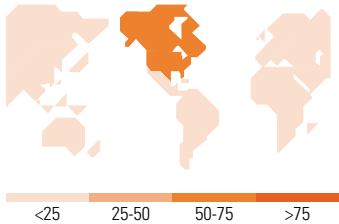


Asset Class	Net %	Cat%
US Stocks	52.74	53.76
Non-US Stocks	40.90	42.39
Bonds	0.02	0.23
Cash	6.35	2.70
Other	0.00	0.93
Total	100.00	100.00

Sector Weighting as of 03-31-2020



World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	13.28	16.21	Americas	59.55	58.90	Greater Europe	27.16	24.88	Developed Markets	95.76
Japan	5.23	6.06	North America	57.93	58.05	United Kingdom	5.11	6.41	Emerging Markets	4.24
Australasia	0.21	0.94	Central/Latin	1.62	0.85	W euro-ex UK	20.84	17.80	Not Available	0.00
Asia-4 Tigers	6.30	3.86				Emrgng Europe	0.37	0.28		
Asia-ex 4 Tigers	1.54	5.35				Africa	0.84	0.39		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.77	5.77	-	-
⊕ Amazon.com Inc	3.97	9.74	5.51	Consumer Cyclical
⊖ Microsoft Corp	3.29	13.03	0.33	Technology
⊕ Facebook Inc A	2.95	15.98	-18.73	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	2.31	18.29	-16.47	Technology
Tesla Inc	2.22	20.51	25.26	Consumer Cyclical
⊖ Mastercard Inc A	1.81	22.31	-18.97	Financial Services
⊕ Netflix Inc	1.65	23.96	16.05	Communication Svc
⊖ Intuitive Surgical Inc	1.40	25.36	-16.23	Healthcare
⊖ Visa Inc Class A	1.38	26.74	-14.09	Financial Services

Total Holdings 304

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds New Perspective R6 RNP GX

Morningstar Category
World Large Stock

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

Robert Lovelace since 12-2000
Jonathan Knowles since 12-2004
Steven Watson since 12-2005
Brady Enright since 12-2005
Jody Jonsson since 12-2005
Noriko Chen since 04-2012
Andraz Razen since 07-2015

Quantitative Screens

✔ **Performance:** The fund has finished in the World Large Stock 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 19.34 years.

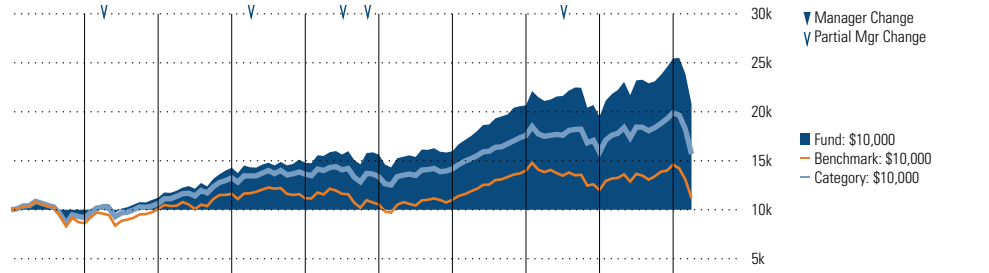
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 60.36% lower than the World Large Stock 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



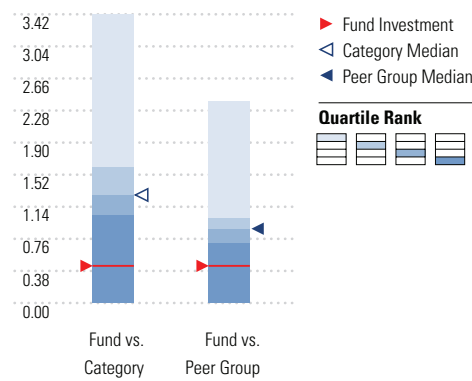
2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-7.33	21.19	27.23	3.56	5.63	2.19	29.30	-5.56	30.48	-18.20	Total Return %
6.38	4.36	11.94	7.43	11.29	-2.31	2.11	8.64	8.97	5.16	+/- Benchmark
0.60	5.35	2.04	0.77	7.32	-3.35	5.69	4.08	4.80	2.85	+/- Category
43	14	38	40	6	77	16	18	19	28	Tot Ret % Rank in Cat
396	430	504	563	614	670	728	810	862	923	# of Funds in Cat
24	16	30	25	27	22	28	23	20	-	Turnover %
-	-	0.45	0.45	0.45	0.45	0.45	0.44	0.44	-	Expense Ratio

Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-18.20	-6.37	5.94	6.08	8.68	11.17	Fund Return %
-23.36	-15.57	-1.96	-0.64	2.05	3.61	Benchmark Return %
-21.05	-11.91	1.13	2.45	5.72	-	Category Average %
28	21	17	13	10	-	% Rank in Category
923	867	756	624	378	-	# of Funds in Category

Net Expense



Fund vs. Category: 5 / 42/887
Fund vs. Peer Group: 6 / 31/525
Percentile Rank

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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	7.66	-	3.28
Beta	0.93	-	0.94
R-Squared	90.00	-	86.81
Standard Deviation	14.87	15.15	15.25
Sharpe Ratio	0.35	-0.17	0.06
Tracking Error	4.81	-	5.74
Information Ratio	1.64	-	0.57
Up Capture Ratio	109.19	-	98.57
Down Capture Ratio	71.51	-	83.21

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.45	13.01	14.41
Price/Book Ratio	3.01	1.30	1.86
Geom Avg Mkt Cap \$B	72.80	30.91	59.56
ROE	20.42	15.58	21.53

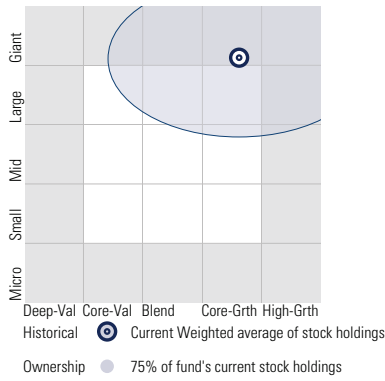
American Funds New Perspective R6 RNP GX

Morningstar Category
World Large Stock

Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 03-31-2020

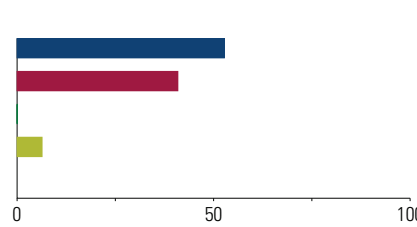
Morningstar Style Box™



Style Breakdown

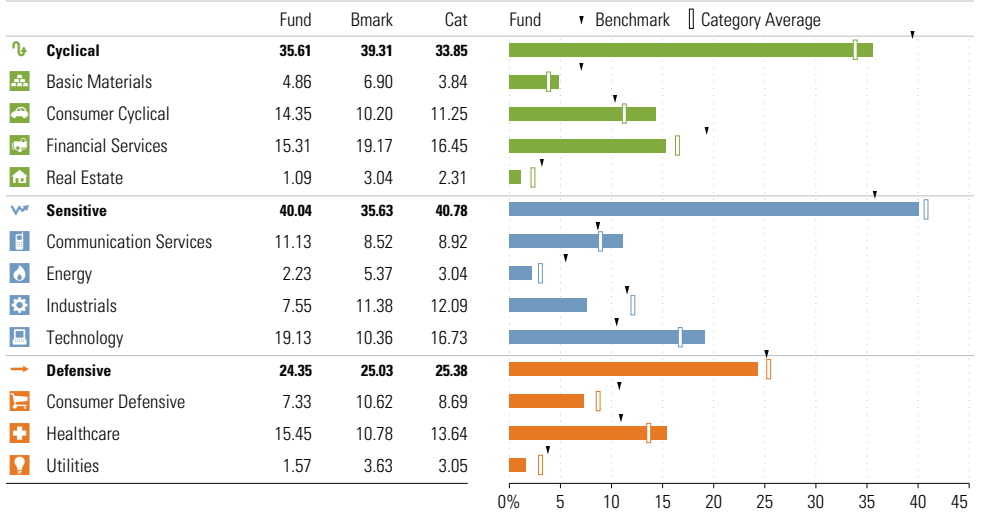


Asset Allocation as of 03-31-2020

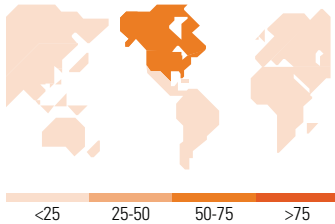


Asset Class	Net %	Cat%
US Stocks	52.74	53.76
Non-US Stocks	40.90	42.39
Bonds	0.02	0.23
Cash	6.35	2.70
Other	0.00	0.93
Total	100.00	100.00

Sector Weighting as of 03-31-2020



World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	13.28	16.21	Americas	59.55	58.90	Greater Europe	27.16	24.88	Developed Markets	95.76
Japan	5.23	6.06	North America	57.93	58.05	United Kingdom	5.11	6.41	Emerging Markets	4.24
Australasia	0.21	0.94	Central/Latin	1.62	0.85	W euro-ex UK	20.84	17.80	Not Available	0.00
Asia-4 Tigers	6.30	3.86				Emrgng Europe	0.37	0.28		
Asia-ex 4 Tigers	1.54	5.35				Africa	0.84	0.39		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.77	5.77	—	—
⊕ Amazon.com Inc	3.97	9.74	5.51	Consumer Cyclical
⊖ Microsoft Corp	3.29	13.03	0.33	Technology
⊕ Facebook Inc A	2.95	15.98	-18.73	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	2.31	18.29	-16.47	Technology
Tesla Inc	2.22	20.51	25.26	Consumer Cyclical
⊖ Mastercard Inc A	1.81	22.31	-18.97	Financial Services
⊕ Netflix Inc	1.65	23.96	16.05	Communication Svc
⊖ Intuitive Surgical Inc	1.40	25.36	-16.23	Healthcare
⊖ Visa Inc Class A	1.38	26.74	-14.09	Financial Services

Total Holdings 304

⊕ Increase ⊖ Decrease ✱ New to Portfolio

DFA US Core Equity 1 I DFEQX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Jed Fogdall since 02-2012
Lukas Smart since 02-2017
Joel Schneider since 02-2019

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 8.09 years.

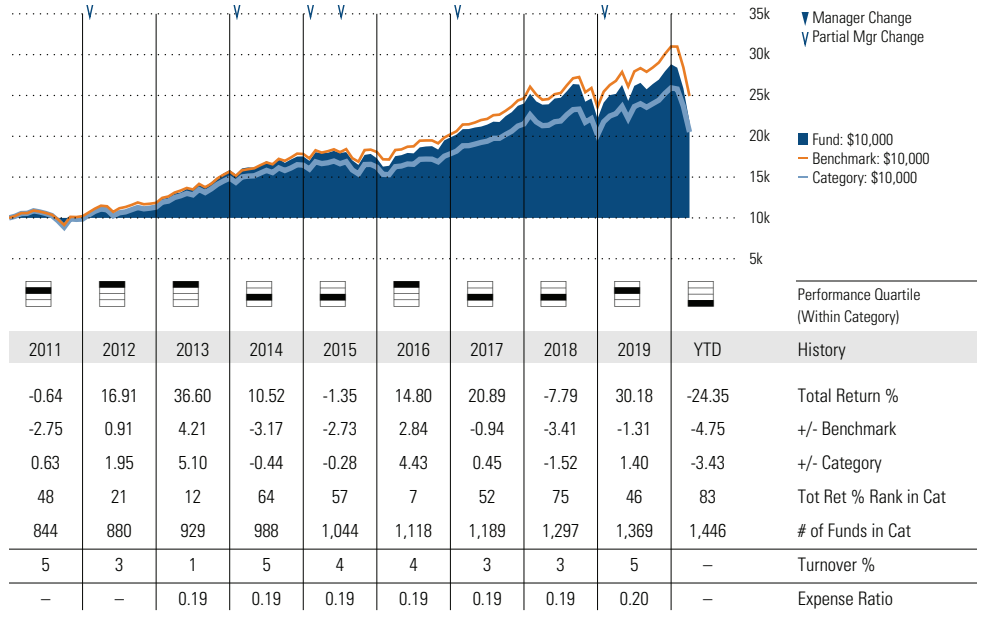
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.2 is 77.01% lower than the Large Blend category average.

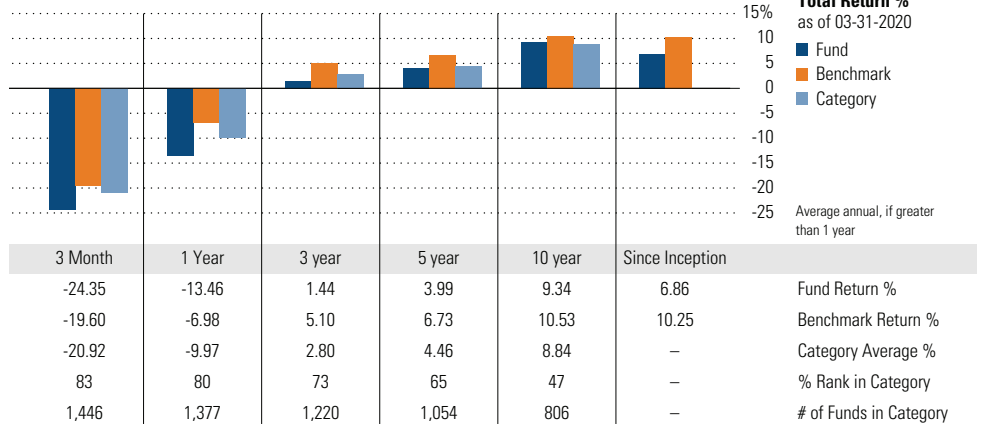
Morningstar Investment Management LLC Analysis

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

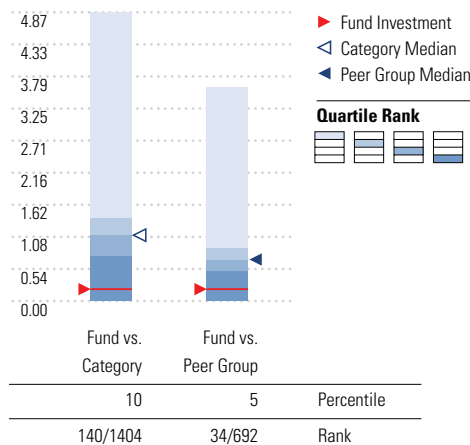
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-3.98	-	-2.23
Beta	1.13	-	0.99
R-Squared	98.22	-	94.99
Standard Deviation	17.32	15.21	15.38
Sharpe Ratio	0.07	0.29	0.14
Tracking Error	3.02	-	3.28
Information Ratio	-1.21	-	-1.19
Up Capture Ratio	99.53	-	90.76
Down Capture Ratio	118.86	-	101.53

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.39	17.90	16.40
Price/Book Ratio	2.45	2.67	2.71
Geom Avg Mkt Cap \$B	40.87	111.51	146.57
ROE	23.36	27.15	28.57

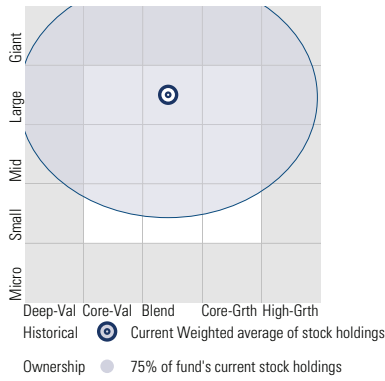
DFA US Core Equity 1 I DFEQX

Morningstar Category
Large Blend

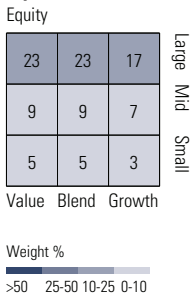
Morningstar Index
S&P 500 TR USD

Style Analysis as of 03-31-2020

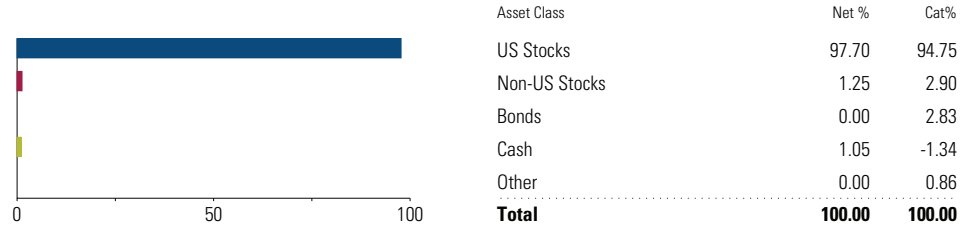
Morningstar Style Box™



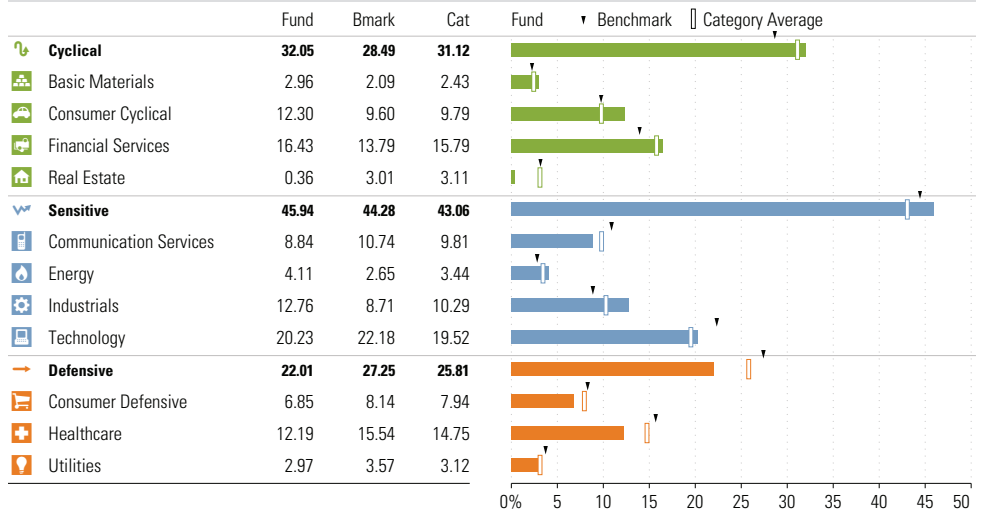
Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	4.09	4.09	-13.14	Technology
Microsoft Corp	3.15	7.25	0.33	Technology
Amazon.com Inc	2.31	9.55	5.51	Consumer Cyclical
AT&T Inc	1.31	10.86	-24.08	Communication Svc
JPMorgan Chase & Co	1.26	12.13	-34.77	Financial Services
Facebook Inc A	1.18	13.31	-18.73	Communication Svc
Verizon Communications Inc	1.03	14.34	-11.49	Communication Svc
Johnson & Johnson	1.01	15.35	-9.45	Healthcare
Intel Corp	0.99	16.34	-9.02	Technology
Berkshire Hathaway Inc B	0.97	17.31	-19.28	Financial Services
Ssc Government Mm Gvmxx	0.93	18.24	-	-
E-mini S&P 500 Futures Mar20	0.85	19.10	-	-
Mastercard Inc A	0.81	19.91	-18.97	Financial Services
Visa Inc Class A	0.78	20.68	-14.09	Financial Services
Procter & Gamble Co	0.70	21.39	-11.33	Consumer Defensive

Total Holdings 2737

⊕ Increase ⊖ Decrease ✨ New to Portfolio

DFA US Core Equity 1 I DFEQX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Jed Fogdall since 02-2012
Lukas Smart since 02-2017
Joel Schneider since 02-2019

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 8.09 years.

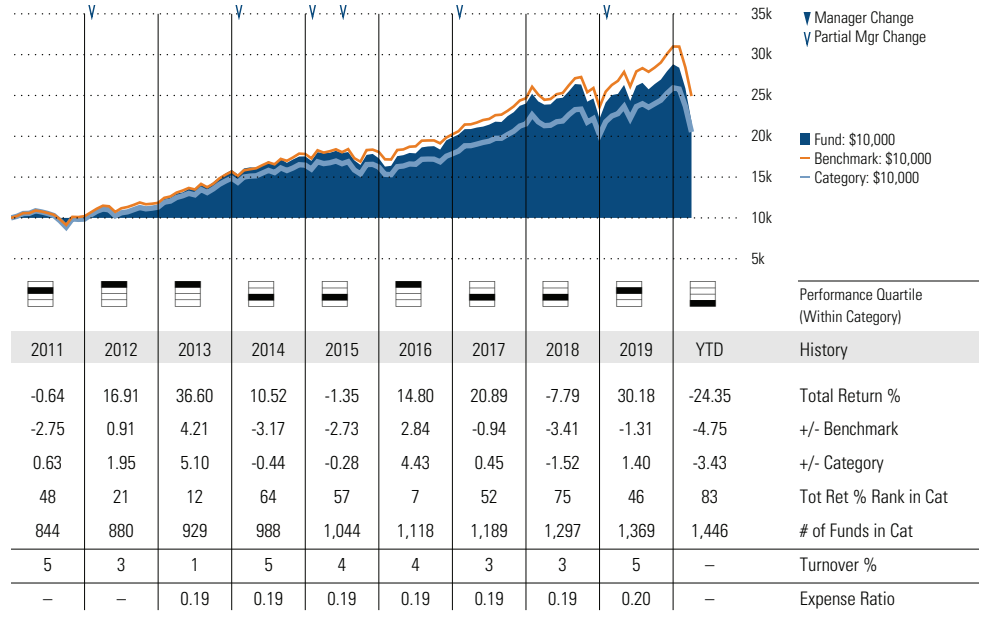
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.2 is 77.01% lower than the Large Blend category average.

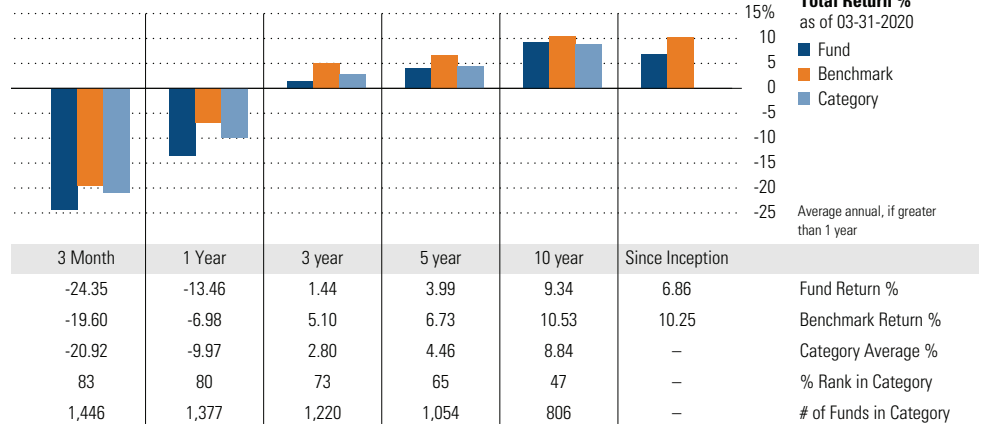
Morningstar Investment Management LLC Analysis

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

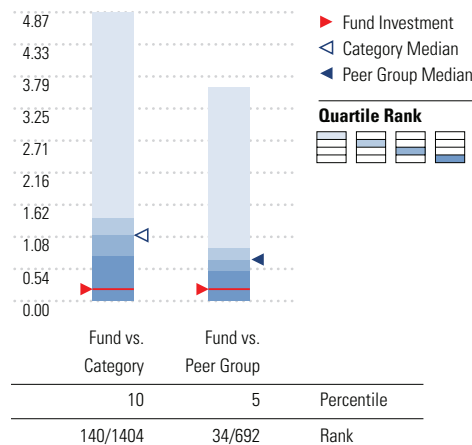
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-3.98	-	-2.23
Beta	1.13	-	0.99
R-Squared	98.22	-	94.99
Standard Deviation	17.32	15.21	15.38
Sharpe Ratio	0.07	0.29	0.14
Tracking Error	3.02	-	3.28
Information Ratio	-1.21	-	-1.19
Up Capture Ratio	99.53	-	90.76
Down Capture Ratio	118.86	-	101.53

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.39	17.90	16.40
Price/Book Ratio	2.45	2.67	2.71
Geom Avg Mkt Cap \$B	40.87	111.51	146.57
ROE	23.36	27.15	28.57

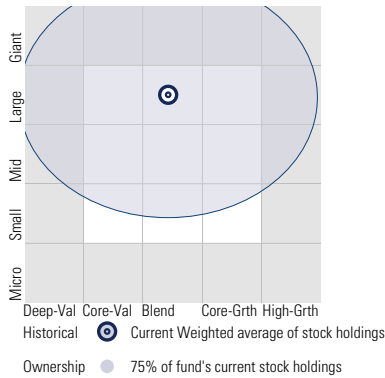
DFA US Core Equity 1 I DFEQX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

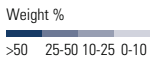
Style Analysis as of 03-31-2020

Morningstar Style Box™

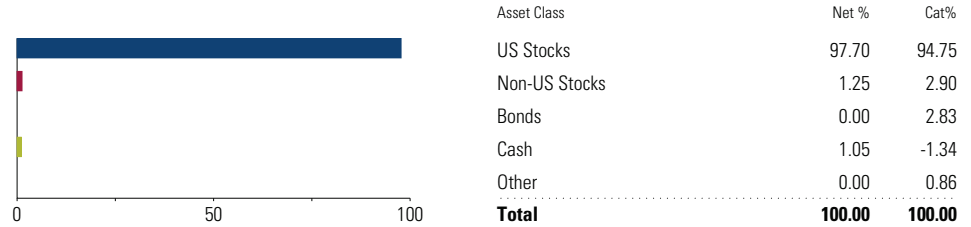


Style Breakdown

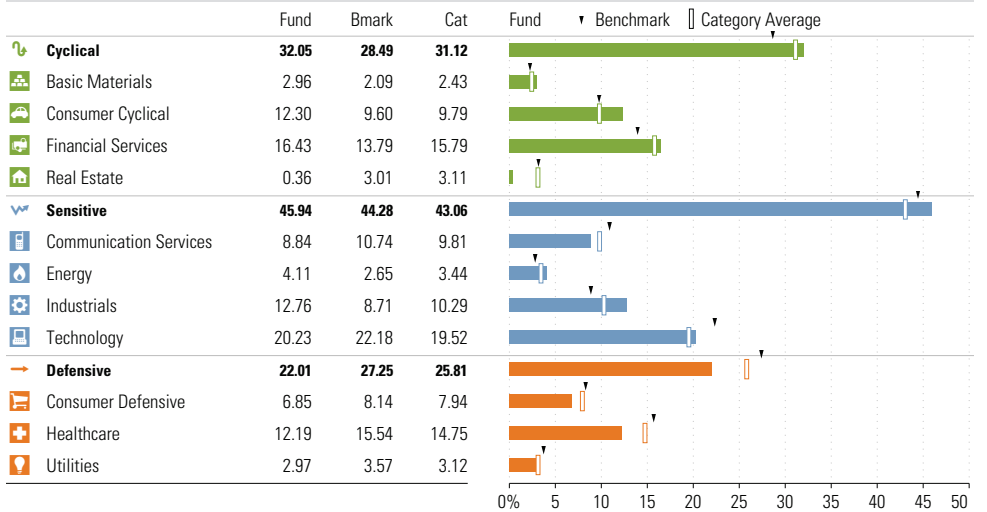
Equity			Large Mid Small
Value	Blend	Growth	
23	23	17	Large Mid Small
9	9	7	
5	5	3	



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	4.09	4.09	-13.14	Technology
Microsoft Corp	3.15	7.25	0.33	Technology
Amazon.com Inc	2.31	9.55	5.51	Consumer Cyclical
AT&T Inc	1.31	10.86	-24.08	Communication Svc
JPMorgan Chase & Co	1.26	12.13	-34.77	Financial Services
Facebook Inc A	1.18	13.31	-18.73	Communication Svc
Verizon Communications Inc	1.03	14.34	-11.49	Communication Svc
Johnson & Johnson	1.01	15.35	-9.45	Healthcare
Intel Corp	0.99	16.34	-9.02	Technology
Berkshire Hathaway Inc B	0.97	17.31	-19.28	Financial Services
Ssc Government Mm Gvmxx	0.93	18.24	-	-
E-mini S&P 500 Futures Mar20	0.85	19.10	-	-
Mastercard Inc A	0.81	19.91	-18.97	Financial Services
Visa Inc Class A	0.78	20.68	-14.09	Financial Services
Procter & Gamble Co	0.70	21.39	-11.33	Consumer Defensive

Total Holdings 2737

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Invesco Equity and Income R6 IEIFX

Morningstar Category
Allocation--50% to 70%
Equity

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Sergio Marcheli since 04-2003
Charles Burge since 02-2010
Brian Jurkash since 12-2015
Matthew Titus since 01-2016

Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--50% to 70% Equity 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 16.93 years.

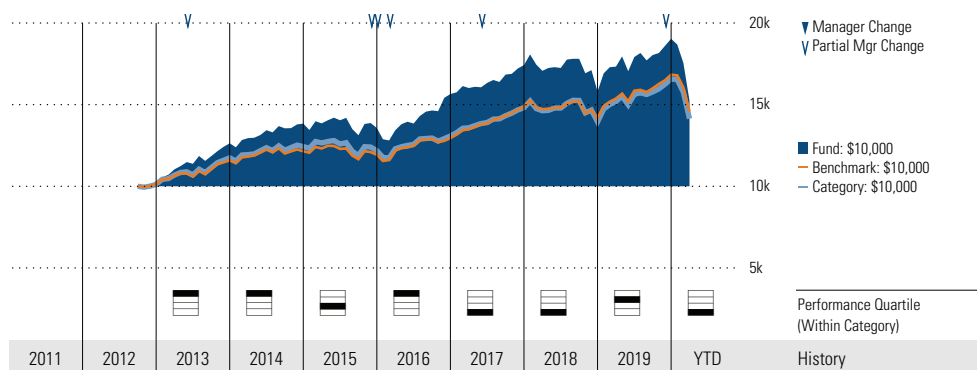
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 64.15% lower than the Allocation--50% to 70% Equity category average.

Morningstar Investment Management LLC Analysis

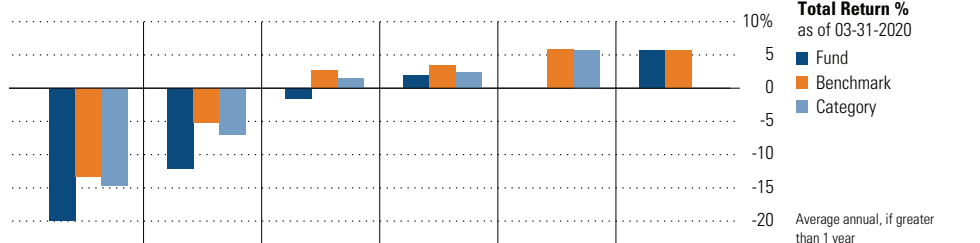
We are placing this fund on watch due to the retirement of longtime manager Tom Bastian at the end of 2019. Although the retirement was expected and there are some experienced remaining team members, there have been substantial changes to the management team in recent years, and Bastian was the longest tenured. While the fund is on watch, we will monitor the consistency of the current management team's process and performance.

Growth of \$10,000



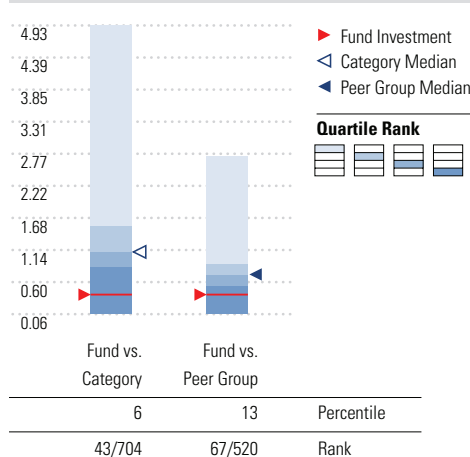
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Total Return %	-	-	25.48	9.52	-1.93	15.32	11.34	-9.29	20.44	-19.92	Total Return %
+/- Benchmark	-	-	11.17	4.63	-0.14	6.75	-3.32	-4.53	1.41	-6.54	+/- Benchmark
+/- Category	-	-	9.00	3.31	0.00	7.98	-1.87	-3.53	1.21	-5.18	+/- Category
Tot Ret % Rank in Cat	-	-	13	14	64	4	78	93	31	90	Tot Ret % Rank in Cat
# of Funds in Cat	-	-	522	536	560	611	632	675	685	711	# of Funds in Cat
Turnover %	-	21	26	60	69	93	94	129	138	-	Turnover %
Expense Ratio	-	-	0.37	0.39	0.37	0.37	0.38	0.38	0.38	-	Expense Ratio

Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Category
Fund Return %	-19.92	-12.04	-1.64	1.93	-	5.68	Fund Return %
Benchmark Return %	-13.38	-5.13	2.62	3.44	5.85	5.71	Benchmark Return %
Category Average %	-14.74	-7.01	1.48	2.40	5.75	-	Category Average %
% Rank in Category	90	88	88	66	-	-	% Rank in Category
# of Funds in Category	712	689	641	562	-	-	# 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

Metric	Fund	Bmark	Cat
Alpha	-4.92	-	-1.13
Beta	1.37	-	1.09
R-Squared	93.02	-	94.70
Standard Deviation	13.07	9.21	10.29
Sharpe Ratio	-0.19	0.14	0.06
Tracking Error	4.85	-	2.66
Information Ratio	-0.88	-	-0.31
Up Capture Ratio	115.18	-	101.57
Down Capture Ratio	159.25	-	111.52

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.05	13.16	15.12
Price/Book Ratio	1.69	1.44	1.93
Avg Eff Duration	5.81	5.98	4.62

Invesco Equity and Income R6 IEIFX

Morningstar Category
Allocation--50% to 70%

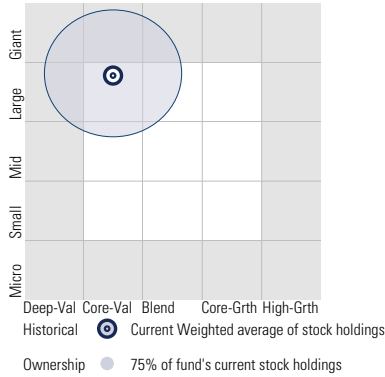
Morningstar Index

Morningstar Mod Tgt Risk TR USD

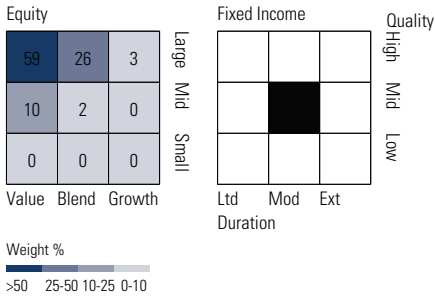
Equity

Style Analysis as of 03-31-2020

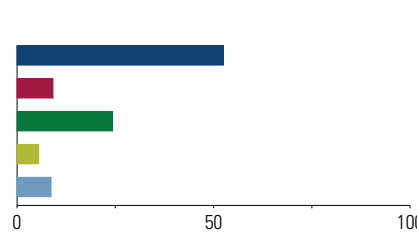
Morningstar Style Box™



Style Breakdown

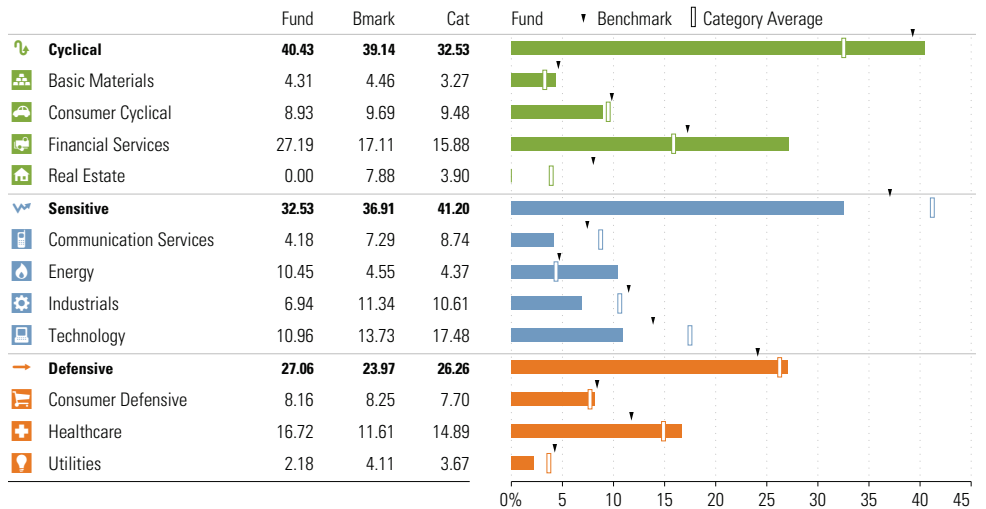


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	52.49	43.32
Non-US Stocks	9.12	12.35
Bonds	24.27	35.35
Cash	5.48	6.99
Other	8.64	2.00
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ United States Treasury Notes 1.62%	12-2021	4.07	4.07	-	-
⊕ United States Treasury Notes 1.75%	12-2024	3.50	7.57	-	-
⊕ Stsb_gl_fxgl	01-2020	3.02	10.59	-	-
⊕ Johnson & Johnson	-	2.32	12.91	-9.45	Healthcare
Bank of America Corp	-	2.18	15.09	-39.21	Financial Services
Philip Morris International Inc	-	2.02	17.12	-12.88	Consumer Defensive
⊖ Citigroup Inc	-	1.97	19.09	-46.64	Financial Services
⊖ American International Group Inc	-	1.85	20.94	-52.13	Financial Services
⊖ Morgan Stanley	-	1.72	22.66	-32.81	Financial Services
⊖ Invesco Shrt-Trm Inv Treasury Instl	-	1.72	24.38	-	-

Total Holdings 375

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Invesco Equity and Income R6 IEIFX

Morningstar Category
Allocation--50% to 70%
Equity

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Sergio Marcheli since 04-2003
Charles Burge since 02-2010
Brian Jurkash since 12-2015
Matthew Titus since 01-2016

Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--50% to 70% Equity 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 16.93 years.

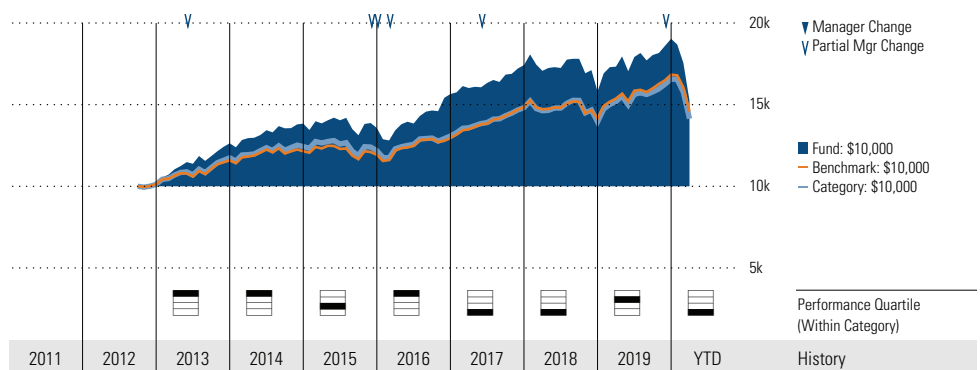
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 64.15% lower than the Allocation--50% to 70% Equity category average.

Morningstar Investment Management LLC Analysis

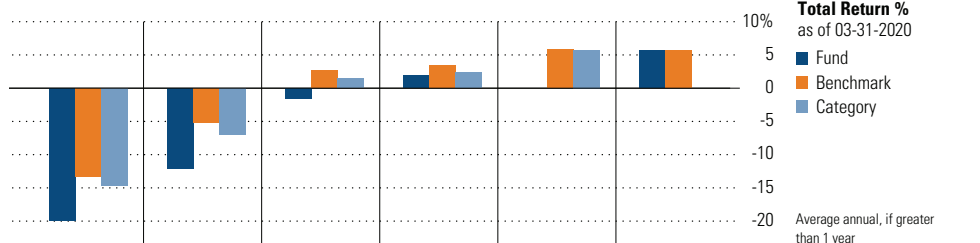
We are placing this fund on watch due to the retirement of longtime manager Tom Bastian at the end of 2019. Although the retirement was expected and there are some experienced remaining team members, there have been substantial changes to the management team in recent years, and Bastian was the longest tenured. While the fund is on watch, we will monitor the consistency of the current management team's process and performance.

Growth of \$10,000



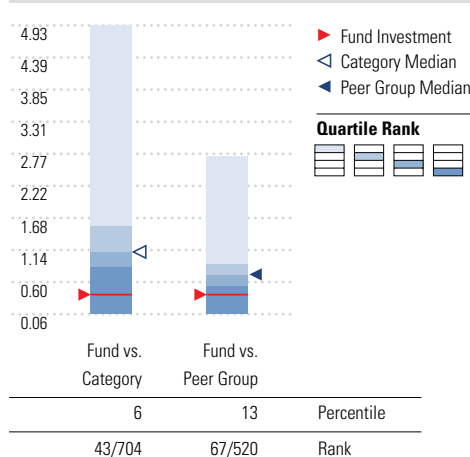
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Total Return %	-	-	25.48	9.52	-1.93	15.32	11.34	-9.29	20.44	-19.92	Total Return %
+/- Benchmark	-	-	11.17	4.63	-0.14	6.75	-3.32	-4.53	1.41	-6.54	+/- Benchmark
+/- Category	-	-	9.00	3.31	0.00	7.98	-1.87	-3.53	1.21	-5.18	+/- Category
Tot Ret % Rank in Cat	-	-	13	14	64	4	78	93	31	90	Tot Ret % Rank in Cat
# of Funds in Cat	-	-	522	536	560	611	632	675	685	711	# of Funds in Cat
Turnover %	-	21	26	60	69	93	94	129	138	-	Turnover %
Expense Ratio	-	-	0.37	0.39	0.37	0.37	0.38	0.38	0.38	-	Expense Ratio

Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Category
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Benchmark Return %	-13.38	-5.13	2.62	3.44	5.85	5.71	Benchmark Return %
Category Average %	-14.74	-7.01	1.48	2.40	5.75	-	Category Average %
% Rank in Category	90	88	88	66	-	-	% Rank in Category
# of Funds in Category	712	689	641	562	-	-	# 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

Metric	Fund	Bmark	Cat
Alpha	-4.92	-	-1.13
Beta	1.37	-	1.09
R-Squared	93.02	-	94.70
Standard Deviation	13.07	9.21	10.29
Sharpe Ratio	-0.19	0.14	0.06
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Information Ratio	-0.88	-	-0.31
Up Capture Ratio	115.18	-	101.57
Down Capture Ratio	159.25	-	111.52

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.05	13.16	15.12
Price/Book Ratio	1.69	1.44	1.93
Avg Eff Duration	5.81	5.98	4.62

Invesco Equity and Income R6 IEIFX

Morningstar Category
Allocation--50% to 70%

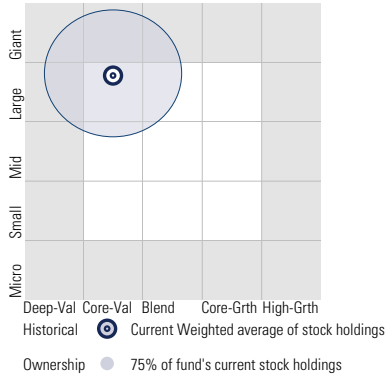
Morningstar Index

Morningstar Mod Tgt Risk TR USD

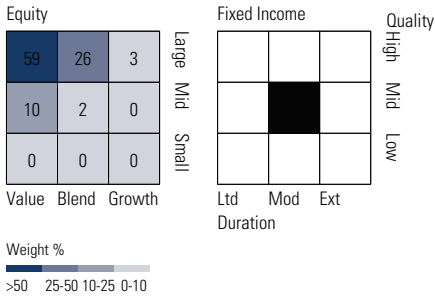
Equity

Style Analysis as of 03-31-2020

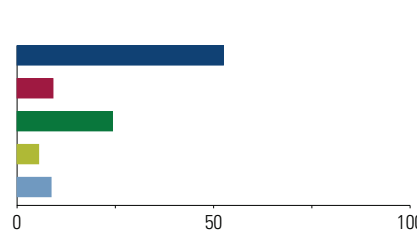
Morningstar Style Box™



Style Breakdown

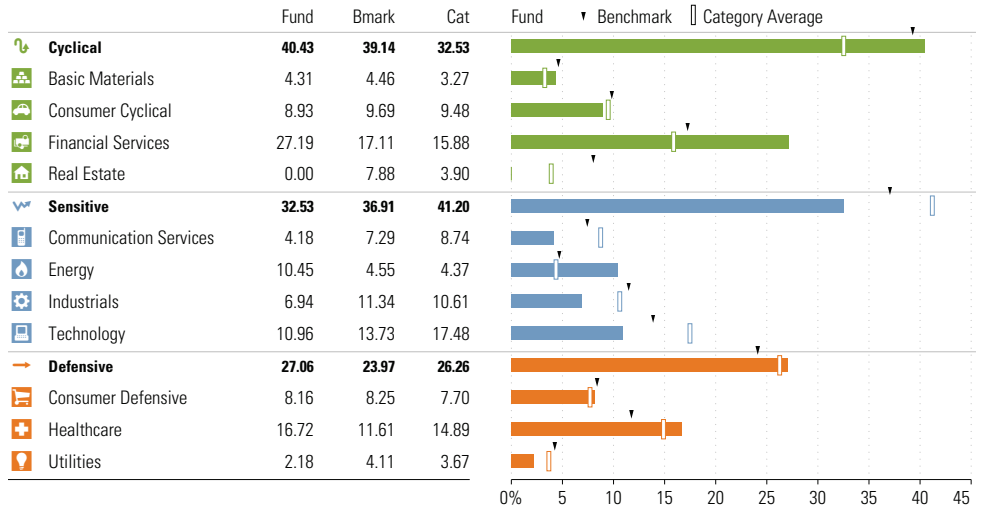


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	52.49	43.32
Non-US Stocks	9.12	12.35
Bonds	24.27	35.35
Cash	5.48	6.99
Other	8.64	2.00
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ United States Treasury Notes 1.62%	12-2021	4.07	4.07	—	—
⊕ United States Treasury Notes 1.75%	12-2024	3.50	7.57	—	—
⊕ Stsb_gl_fxgl	01-2020	3.02	10.59	—	—
⊕ Johnson & Johnson	—	2.32	12.91	-9.45	Healthcare
Bank of America Corp	—	2.18	15.09	-39.21	Financial Services
Philip Morris International Inc	—	2.02	17.12	-12.88	Consumer Defensive
⊖ Citigroup Inc	—	1.97	19.09	-46.64	Financial Services
⊖ American International Group Inc	—	1.85	20.94	-52.13	Financial Services
⊖ Morgan Stanley	—	1.72	22.66	-32.81	Financial Services
⊖ Invesco Shrt-Trm Inv Treasury Instl	—	1.72	24.38	—	—

Total Holdings 375

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Invesco Oppenheimer Developing Mkts R6 ODVIX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

Justin Leverenz since 05-2007

Quantitative Screens

✔ **Performance:** The fund has finished in the Diversified Emerging Mkts 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 12.93 years.

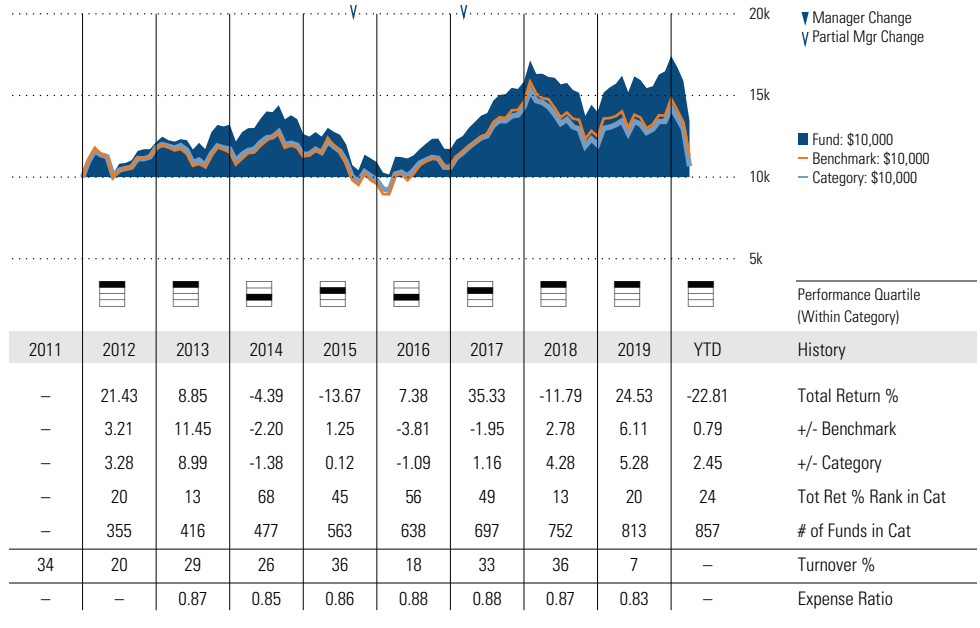
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.83 is 34.65% lower than the Diversified Emerging Mkts category average.

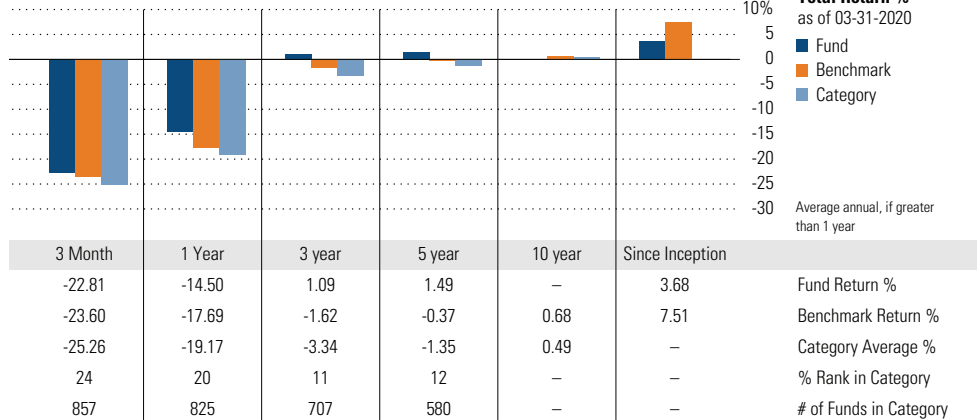
Morningstar Investment Management LLC Analysis

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

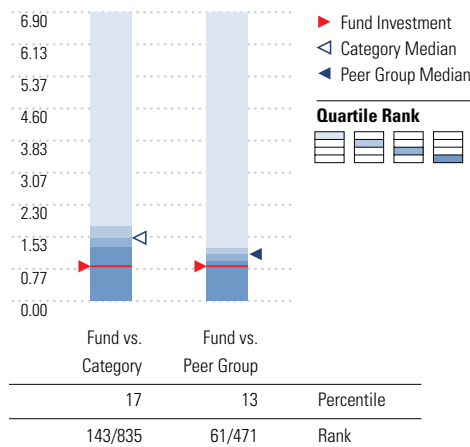
Growth of \$10,000



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	2.60	-	-1.35
Beta	0.94	-	0.97
R-Squared	95.52	-	91.31
Standard Deviation	16.67	17.36	17.72
Sharpe Ratio	0.04	-0.11	-0.18
Tracking Error	3.69	-	5.12
Information Ratio	0.73	-	-0.26
Up Capture Ratio	97.18	-	91.96
Down Capture Ratio	86.22	-	98.78

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.12	11.77	11.91
Price/Book Ratio	3.35	1.34	1.57
Geom Avg Mkt Cap \$B	51.69	32.46	31.22
ROE	20.98	16.18	17.95

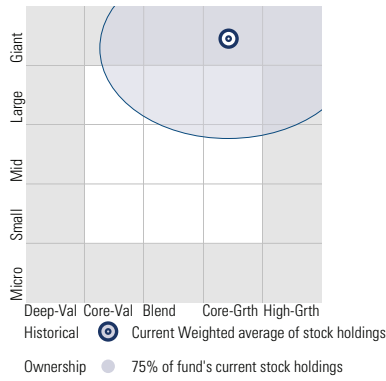
Invesco Oppenheimer Developing Mkts R6 ODVIX

Morningstar Category
Diversified Emerging Mkts

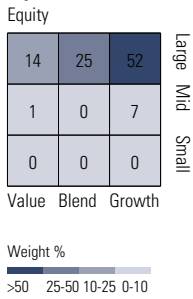
Morningstar Index
MSCI EM NR USD

Style Analysis as of 03-31-2020

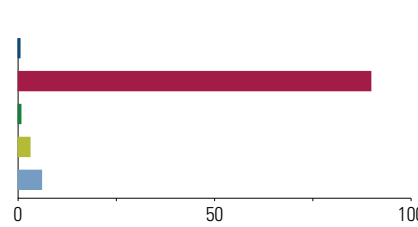
Morningstar Style Box™



Style Breakdown

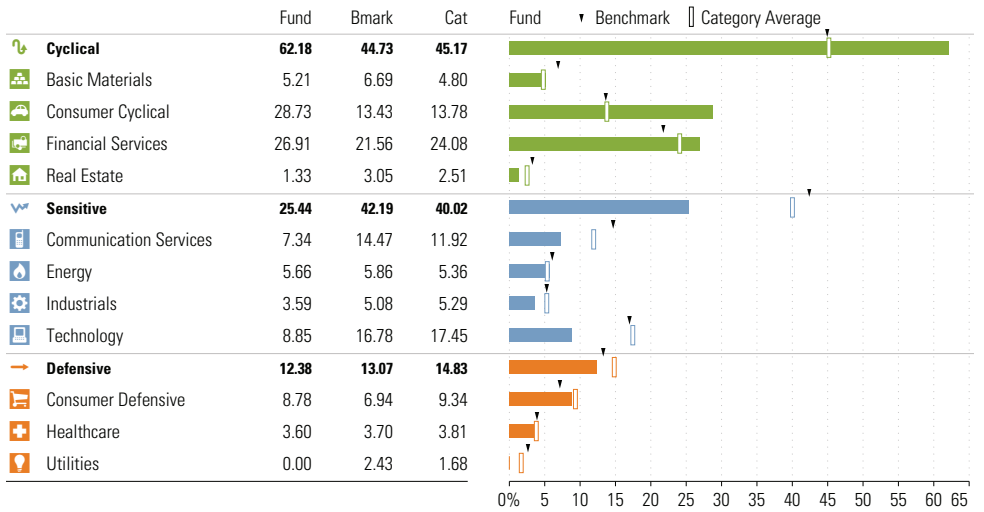


Asset Allocation as of 03-31-2020

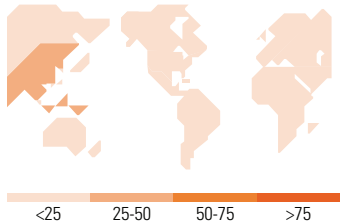


Asset Class	Net %	Cat %
US Stocks	0.49	2.97
Non-US Stocks	89.76	94.45
Bonds	0.72	0.48
Cash	3.05	1.54
Other	5.98	0.56
Total	100.00	100.00

Sector Weighting as of 03-31-2020



World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	59.19	71.09	Americas	18.25	14.36	Greater Europe	22.56	14.55	Developed Markets	27.27
Japan	0.00	0.10	North America	0.53	1.90	United Kingdom	0.00	0.75	Emerging Markets	72.73
Australasia	0.00	0.01	Central/Latin	17.72	12.46	W euro-ex UK	9.44	1.66	Not Available	0.00
Asia-4 Tigers	17.30	23.83				Emrgng Europe	9.98	6.89		
Asia-ex 4 Tigers	41.89	47.15				Africa	3.14	5.25		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alibaba Group Holding Ltd ADR	6.98	6.98	-8.31	Consumer Cyclical
Master China Series 1	5.95	12.93	-	-
Taiwan Semiconductor Manufacturing Co Ltd	5.13	18.06	-16.47	Technology
Kering SA	5.10	23.16	-18.08	Consumer Cyclical
Tencent Holdings Ltd	4.89	28.05	1.22	Communication Svc
Housing Development Finance Corp Ltd	4.55	32.61	-32.31	Financial Services
NOVATEK PJSC GDR	4.55	37.15	-43.00	Energy
AIA Group Ltd	3.51	40.66	-14.24	Financial Services
Kotak Mahindra Bank Ltd	2.84	43.50	-23.05	Financial Services
Usd Currency Cash	2.77	46.27	-	-

Total Holdings 92

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Invesco Oppenheimer Developing Mkts R6 ODVIX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

Justin Leverenz since 05-2007

Quantitative Screens

✔ **Performance:** The fund has finished in the Diversified Emerging Mkts 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 12.93 years.

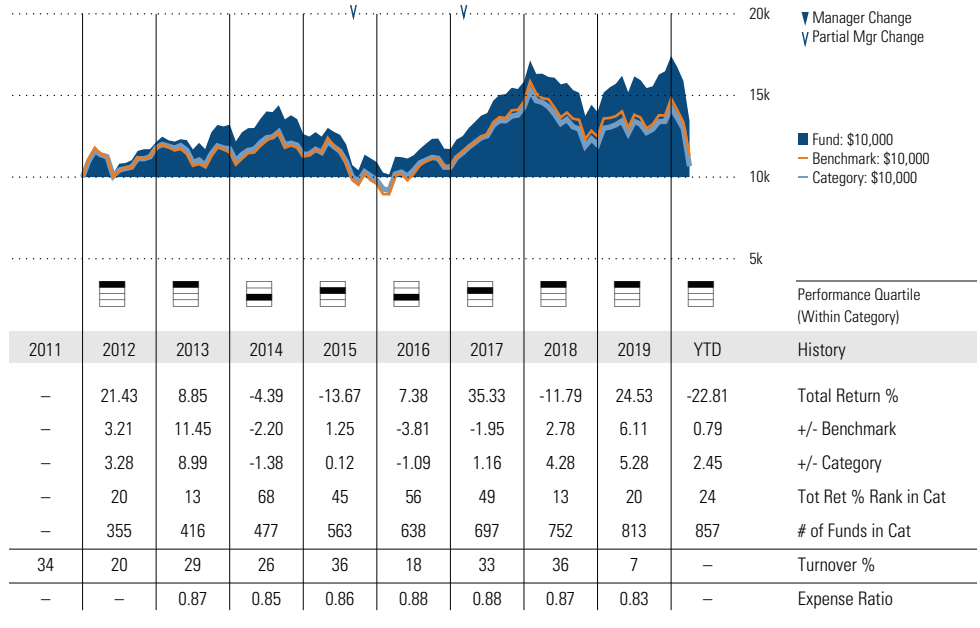
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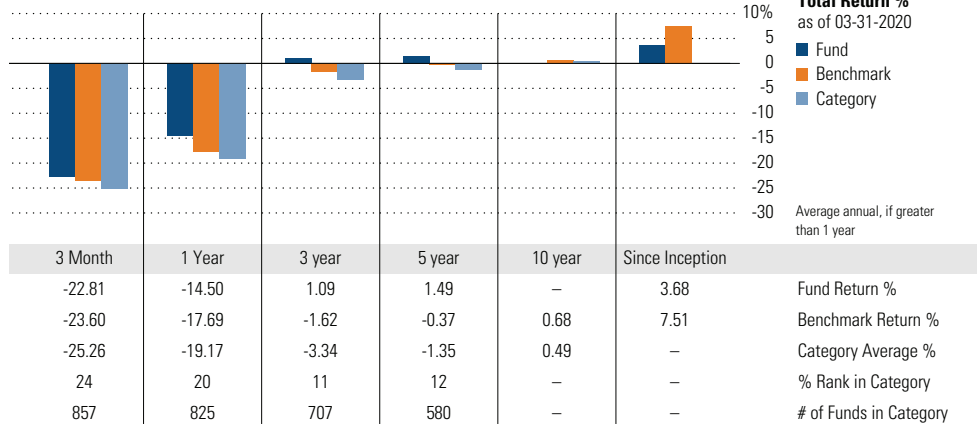
Morningstar Investment Management LLC Analysis

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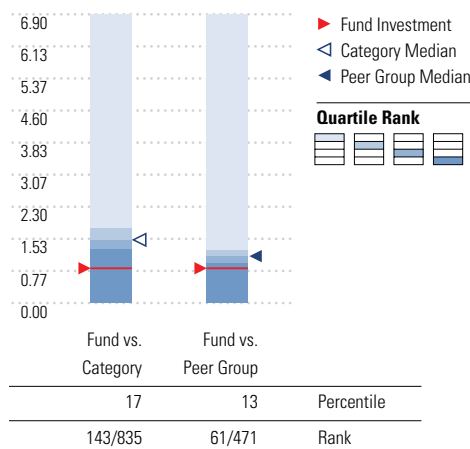
Growth of \$10,000



Trailing Performance



Net Expense



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	Fund	Bmark	Cat
Alpha	2.60	-	-1.35
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Information Ratio	0.73	-	-0.26
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Portfolio Metrics

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ROE	20.98	16.18	17.95

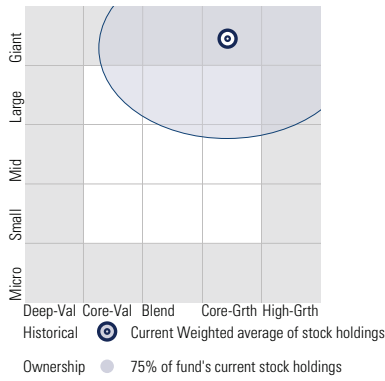
Invesco Oppenheimer Developing Mkts R6 ODVIX

Morningstar Category
Diversified Emerging Mkts

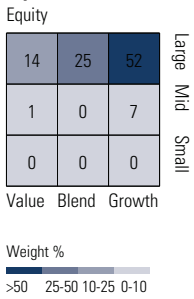
Morningstar Index
MSCI EM NR USD

Style Analysis as of 03-31-2020

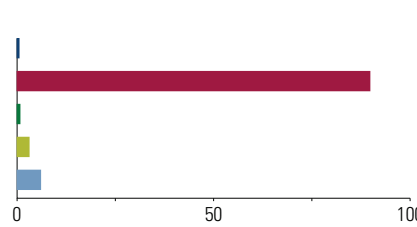
Morningstar Style Box™



Style Breakdown

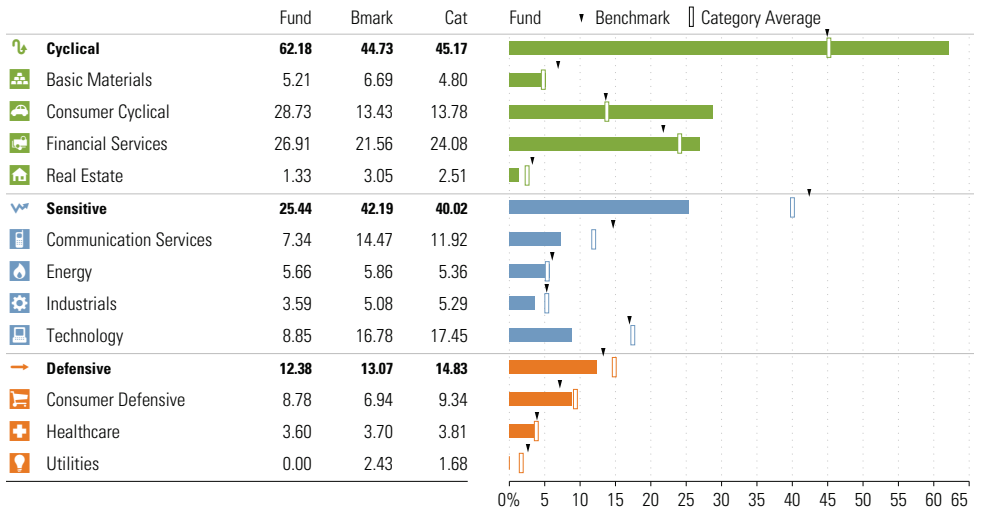


Asset Allocation as of 03-31-2020

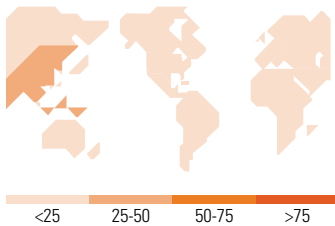


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Sector Weighting as of 03-31-2020



World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Americas	18.25	14.36	Greater Europe	22.56	14.55	Developed Markets	27.27			
North America	0.53	1.90	United Kingdom	0.00	0.75	Emerging Markets	72.73			
Central/Latin	17.72	12.46	W euro-ex UK	9.44	1.66	Not Available	0.00			
			Emrgng Europe	9.98	6.89					
			Africa	3.14	5.25					

Top 10 Holdings as of 03-31-2020

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AIA Group Ltd	3.51	40.66	-14.24	Financial Services
Kotak Mahindra Bank Ltd	2.84	43.50	-23.05	Financial Services
Usd Currency Cash	2.77	46.27	-	-

Total Holdings 92

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Invesco Oppenheimer International Gr R6 OIGIX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

George Evans since 03-1996
Robert Dunphy since 03-2012

Quantitative Screens

Performance: The fund has finished in the Foreign Large Growth 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 24.03 years.

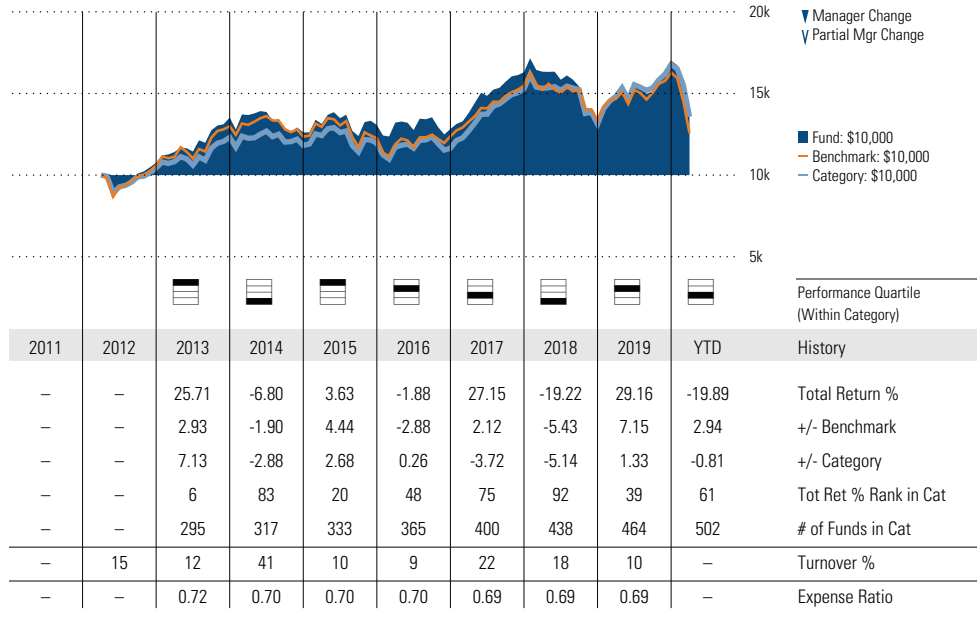
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.69 is 37.27% lower than the Foreign Large Growth category average.

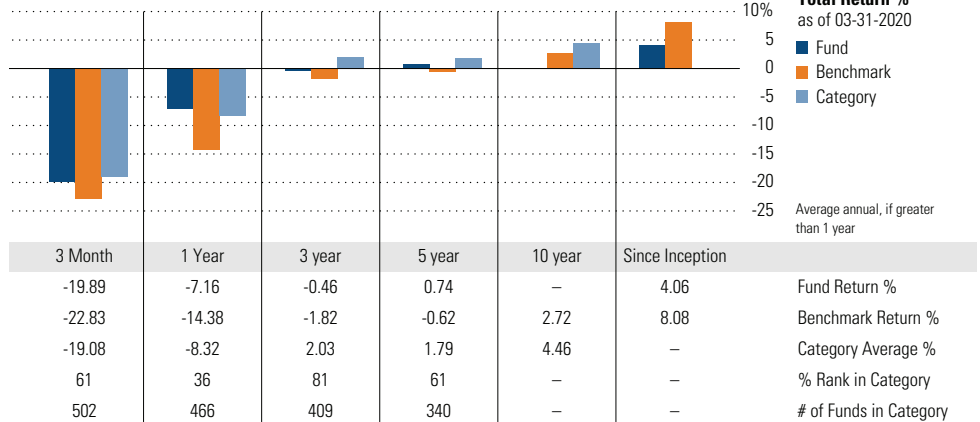
Morningstar Investment Management LLC Analysis

We are placing Invesco Oppenheimer International Growth on watch for performance. This fund has struggled recently, most notably in 2018 when it fell further than its category peers and benchmark index. In the first half of 2019, the fund outpaced its prospectus benchmark and kept pace with its peers in the Foreign Large Growth Morningstar Category, but it could take some time for this fund to regain its standings in the category. There's reason for hope, as manager George Evans has led the effort here for over twenty years and long-term results are still competitive. We'll be watching for better relative performance in the coming quarters.

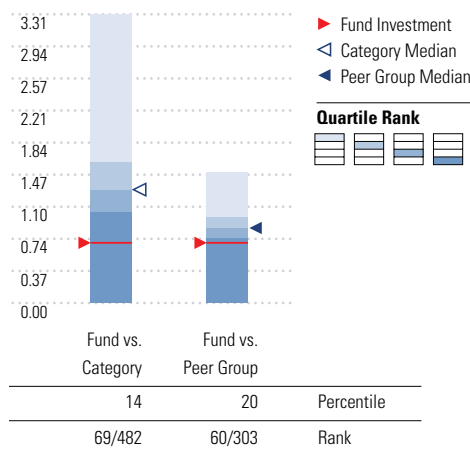
Growth of \$10,000



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	1.54	-	3.82
Beta	1.02	-	0.96
R-Squared	89.43	-	-
Standard Deviation	15.68	14.58	14.92
Sharpe Ratio	-0.06	-0.17	0.07
Tracking Error	5.10	-	5.27
Information Ratio	0.27	-	0.71
Up Capture Ratio	105.35	-	102.49
Down Capture Ratio	97.98	-	83.57

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	27.88	13.90	18.97
Price/Book Ratio	3.80	1.27	2.46
Geom Avg Mkt Cap \$B	31.56	30.88	36.31
ROE	19.34	15.37	18.90

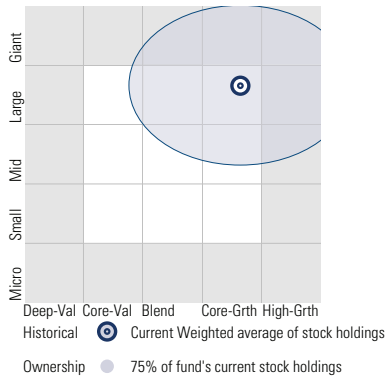
Invesco Oppenheimer International Gr R6 OIGIX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 03-31-2020

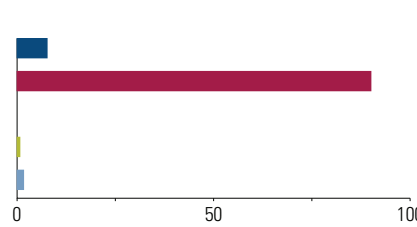
Morningstar Style Box™



Style Breakdown

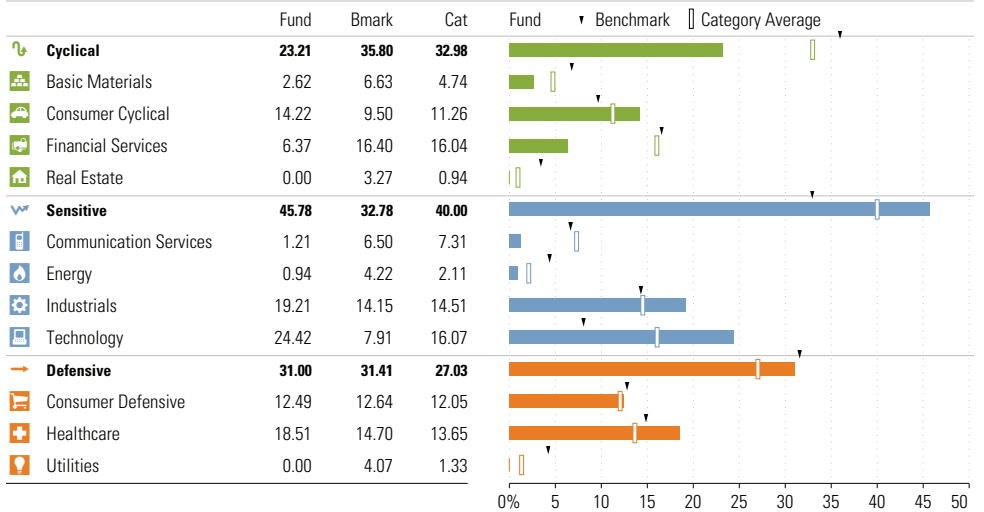


Asset Allocation as of 03-31-2020

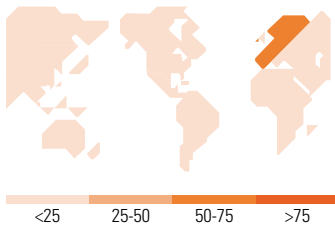


Asset Class	Net %	Cat%
US Stocks	7.63	7.26
Non-US Stocks	90.02	89.93
Bonds	0.00	0.02
Cash	0.70	2.57
Other	1.65	0.21
Total	100.00	100.00

Sector Weighting as of 03-31-2020



World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	25.86	32.33	Americas	13.26	12.99	Greater Europe	60.87	54.68	Developed Markets	94.66
Japan	12.68	13.97	North America	13.26	11.17	United Kingdom	8.87	11.67	Emerging Markets	5.34
Australasia	4.31	1.99	Central/Latin	0.00	1.82	W euro-ex UK	51.08	41.89	Not Available	0.00
Asia-4 Tigers	4.46	6.56				Emrgng Europe	0.92	0.40		
Asia-ex 4 Tigers	4.41	9.81				Africa	0.00	0.72		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
SAP SE	2.91	2.91	-14.56	Technology
Hitachi Ltd	2.91	5.82	-32.06	Industrials
ASML Holding NV	2.81	8.63	-8.06	Technology
Hermes International SA	2.77	11.39	-5.39	Consumer Cyclical
STMicroelectronics NV	2.54	13.93	-16.86	Technology
Grifols SA A	2.51	16.44	-1.37	Healthcare
Hoya Corp	2.50	18.94	-11.96	Healthcare
Keyence Corp	2.27	21.22	-9.25	Technology
Novo Nordisk A/S B	2.19	23.41	7.20	Healthcare
Roche Holding AG Dividend Right Cert.	2.04	25.44	2.88	Healthcare

Total Holdings 80

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Invesco Oppenheimer International Gr R6 OIGIX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

George Evans since 03-1996

Robert Dunphy since 03-2012

Quantitative Screens

Performance: The fund has finished in the Foreign Large Growth 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 24.03 years.

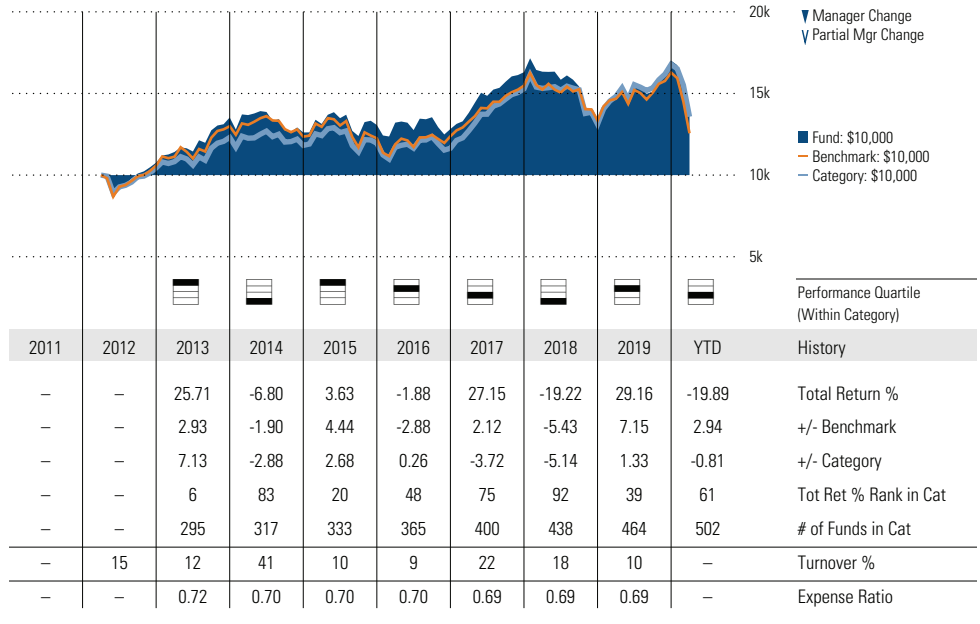
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.69 is 37.27% lower than the Foreign Large Growth category average.

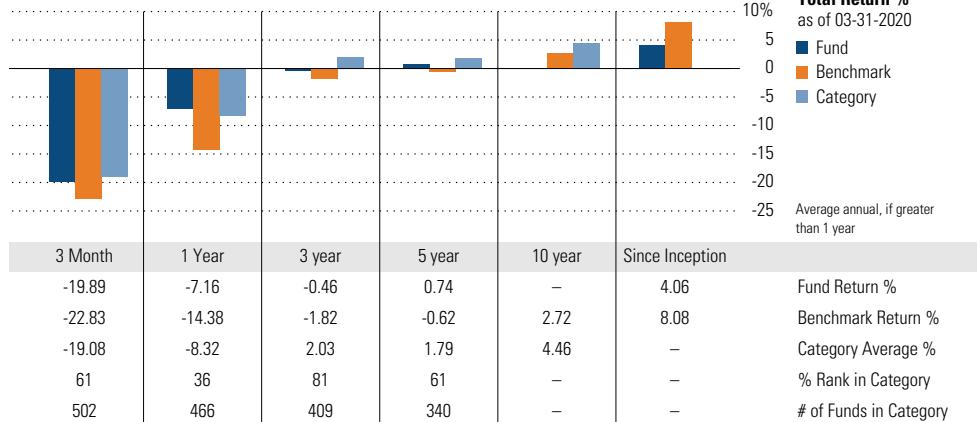
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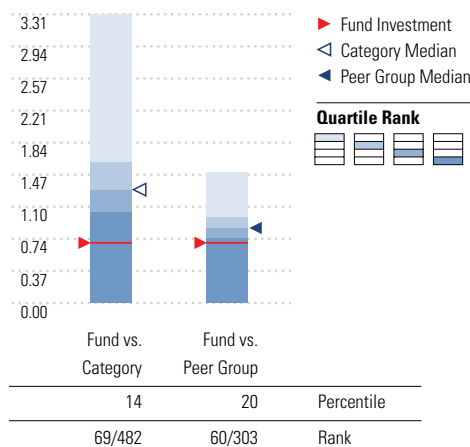
Growth of \$10,000



Trailing Performance



Net Expense



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3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.54	-	3.82
Beta	1.02	-	0.96
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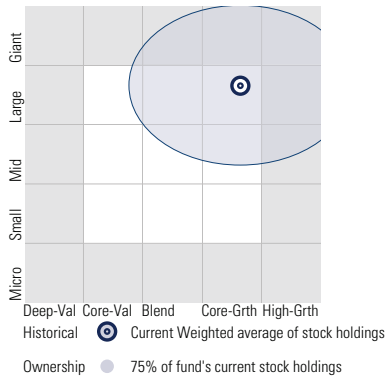
Invesco Oppenheimer International Gr R6 OIGIX

Morningstar Category
Foreign Large Growth

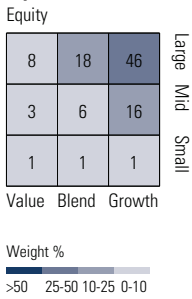
Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 03-31-2020

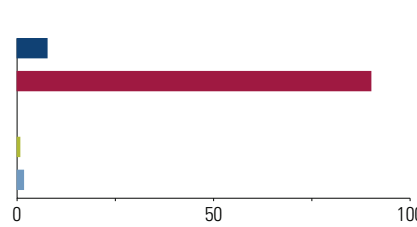
Morningstar Style Box™



Style Breakdown

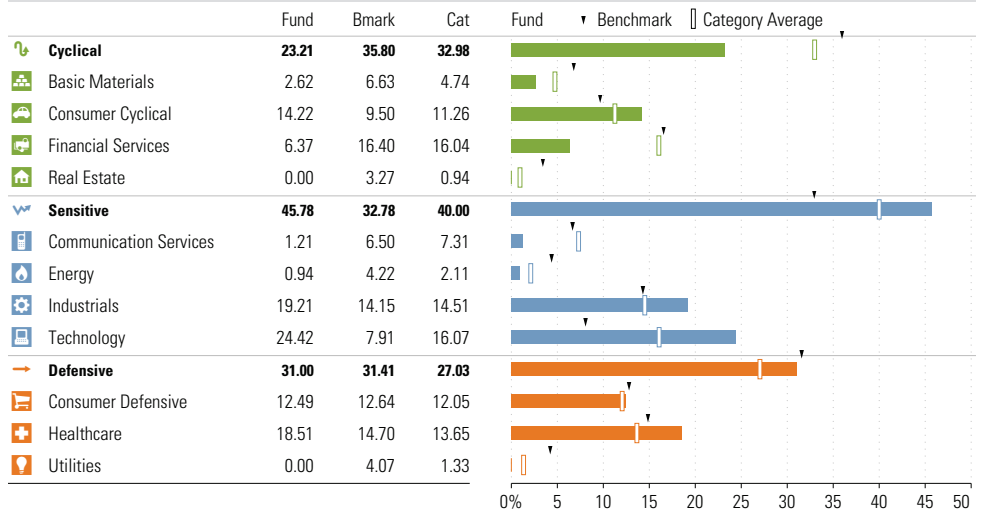


Asset Allocation as of 03-31-2020

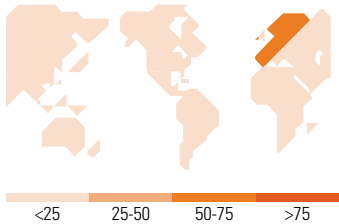


Asset Class	Net %	Cat%
US Stocks	7.63	7.26
Non-US Stocks	90.02	89.93
Bonds	0.00	0.02
Cash	0.70	2.57
Other	1.65	0.21
Total	100.00	100.00

Sector Weighting as of 03-31-2020



World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	25.86	32.33	Americas	13.26	12.99	Greater Europe	60.87	54.68	Developed Markets	94.66
Japan	12.68	13.97	North America	13.26	11.17	United Kingdom	8.87	11.67	Emerging Markets	5.34
Australasia	4.31	1.99	Central/Latin	0.00	1.82	W euro-ex UK	51.08	41.89	Not Available	0.00
Asia-4 Tigers	4.46	6.56				Emrgng Europe	0.92	0.40		
Asia-ex 4 Tigers	4.41	9.81				Africa	0.00	0.72		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
SAP SE	2.91	2.91	-14.56	Technology
Hitachi Ltd	2.91	5.82	-32.06	Industrials
ASML Holding NV	2.81	8.63	-8.06	Technology
Hermes International SA	2.77	11.39	-5.39	Consumer Cyclical
STMicroelectronics NV	2.54	13.93	-16.86	Technology
Grifols SA A	2.51	16.44	-1.37	Healthcare
Hoya Corp	2.50	18.94	-11.96	Healthcare
Keyence Corp	2.27	21.22	-9.25	Technology
Novo Nordisk A/S B	2.19	23.41	7.20	Healthcare
Roche Holding AG Dividend Right Cert.	2.04	25.44	2.88	Healthcare

Total Holdings 80

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Invesco Real Estate R6 IARFX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Portfolio Manager(s)

Joe Rodriguez since 05-1995
 Mark Blackburn since 04-2000
 Ping-Ying Wang since 01-2006
 Paul Curbo since 01-2007
 Darin Turner since 12-2009
 James Cowen since 06-2015
 Grant Jackson since 06-2018

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.93 years.

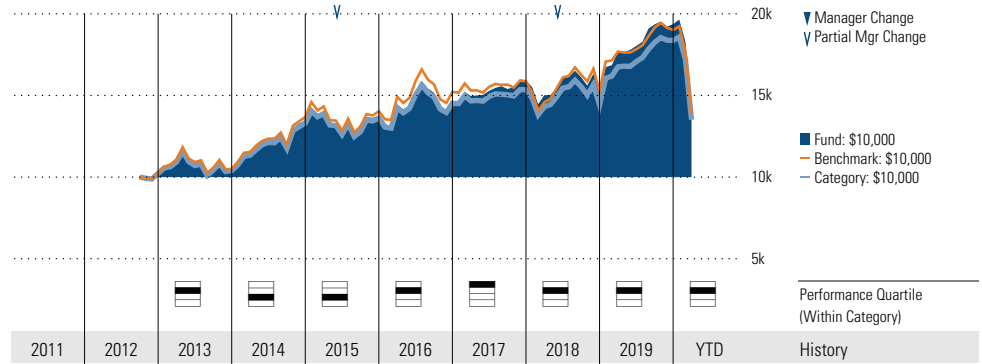
✘ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 54.55 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.8 is 28.57% lower than the Real Estate category average.

Morningstar Investment Management LLC Analysis

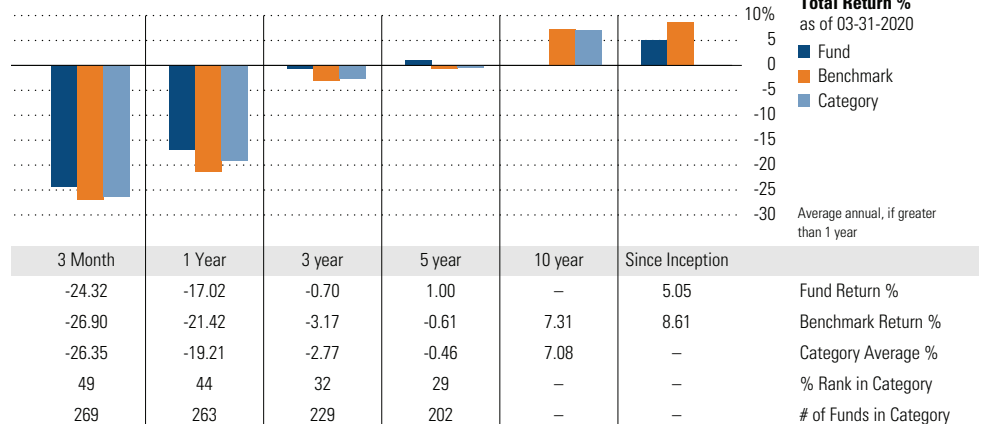
Although this fund fails the style screen, it continues to hold real estate securities and we do not regard the failure as significant.

Growth of \$10,000

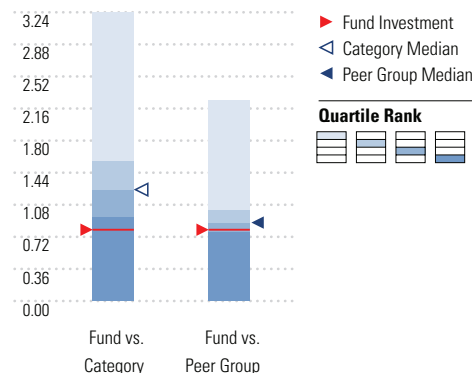


2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-	-	2.27	28.68	2.16	6.28	8.96	-5.20	28.32	-24.32	Total Return %
-	-	-0.13	-1.58	-0.38	-2.21	4.63	-1.41	3.87	2.58	+/- Benchmark
-	-	0.72	0.65	-0.25	-0.61	2.74	0.77	1.04	2.03	+/- Category
-	-	31	63	68	48	14	48	37	49	Tot Ret % Rank in Cat
-	-	172	186	200	216	224	243	259	269	# of Funds in Cat
-	64	60	50	23	80	52	44	47	-	Turnover %
-	-	0.77	0.79	0.78	0.78	0.80	0.80	0.80	-	Expense Ratio

Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.14	-	0.98
Beta	0.91	-	0.92
R-Squared	97.08	-	94.50
Standard Deviation	16.82	18.14	17.28
Sharpe Ratio	-0.06	-0.18	-0.11
Tracking Error	3.28	-	4.30
Information Ratio	0.75	-	0.34
Up Capture Ratio	92.35	-	91.99
Down Capture Ratio	82.04	-	87.89

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	34.35	38.46	22.03
Price/Book Ratio	2.76	2.42	1.66
Geom Avg Mkt Cap \$B	17.93	9.35	14.81
ROE	12.00	9.56	11.73

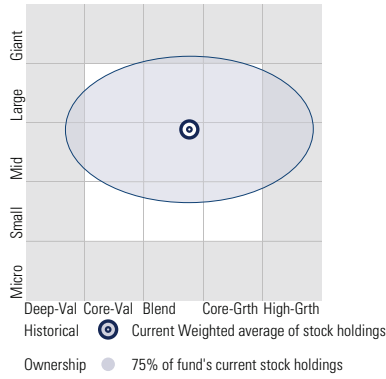
Invesco Real Estate R6 IARFX

Morningstar Category
Real Estate

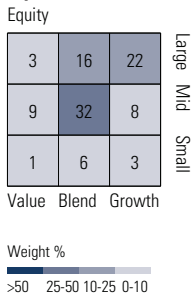
Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 03-31-2020

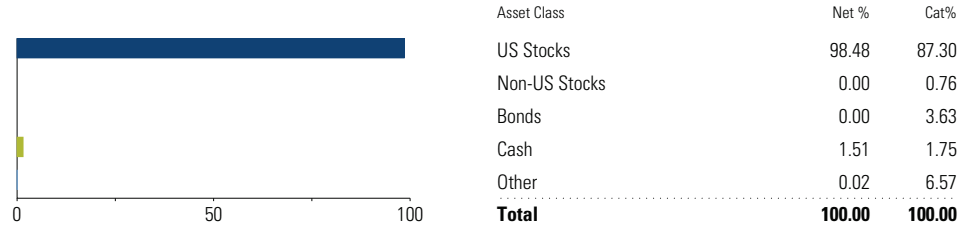
Morningstar Style Box™



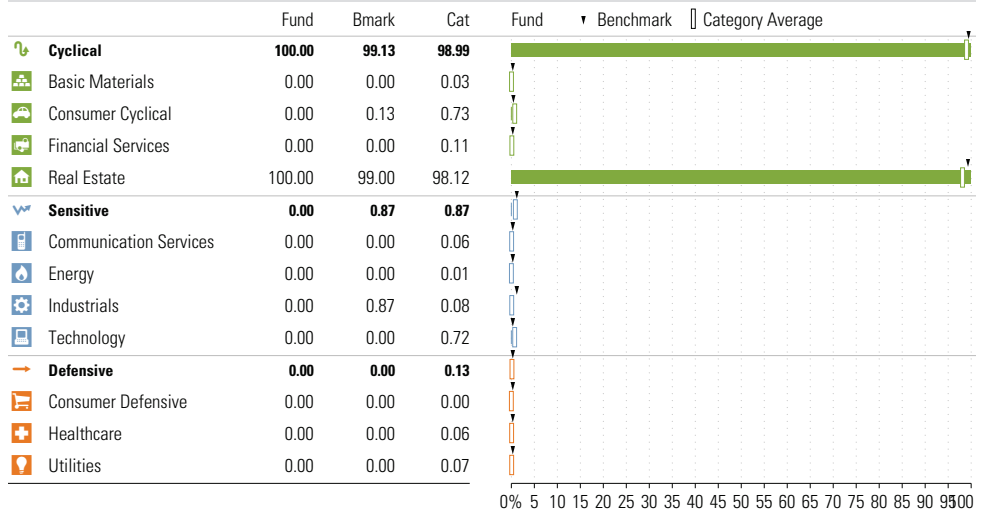
Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ American Tower Corp	7.70	7.70	-5.25	Real Estate
⊖ Crown Castle International Corp	6.46	14.16	2.43	Real Estate
⊖ Prologis Inc	4.62	18.78	-9.19	Real Estate
⊖ Boston Properties Inc	4.58	23.36	-32.39	Real Estate
⊖ AvalonBay Communities Inc	4.34	27.70	-29.06	Real Estate
⊖ Equinix Inc	3.69	31.39	7.46	Real Estate
⊕ Simon Property Group Inc	3.41	34.79	-61.76	Real Estate
⊕ SBA Communications Corp	3.33	38.12	12.22	Real Estate
⊖ Ventas Inc	3.30	41.42	-52.21	Real Estate
⊕ Healthpeak Properties Inc	3.02	44.45	-29.74	Real Estate
⊕ VICI Properties Inc Ordinary Shares	2.41	46.85	-33.71	Real Estate
⊕ UDR Inc	2.33	49.18	-21.02	Real Estate
⊖ Hudson Pacific Properties Inc	2.30	51.48	-31.98	Real Estate
⊖ Invitation Homes Inc	2.06	53.54	-28.19	Real Estate
⊖ Sun Communities Inc	2.06	55.60	-16.30	Real Estate

Total Holdings 65

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Invesco Real Estate R6 IARFX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Portfolio Manager(s)

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Quantitative Screens

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✔ **Management:** The fund's management has been in place for 24.93 years.

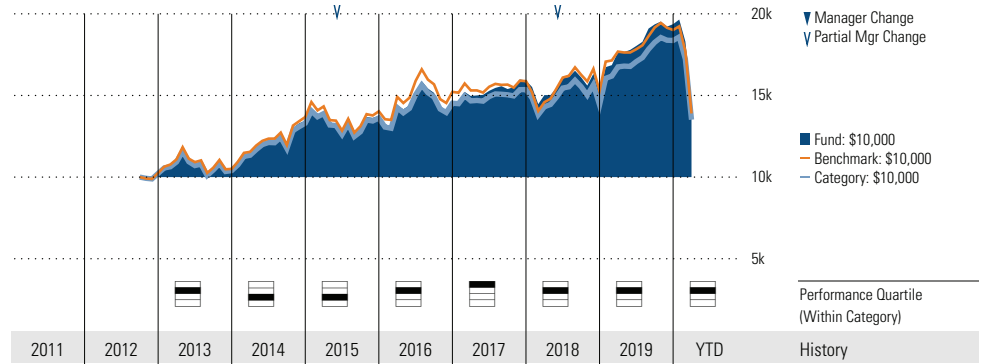
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Morningstar Investment Management LLC Analysis

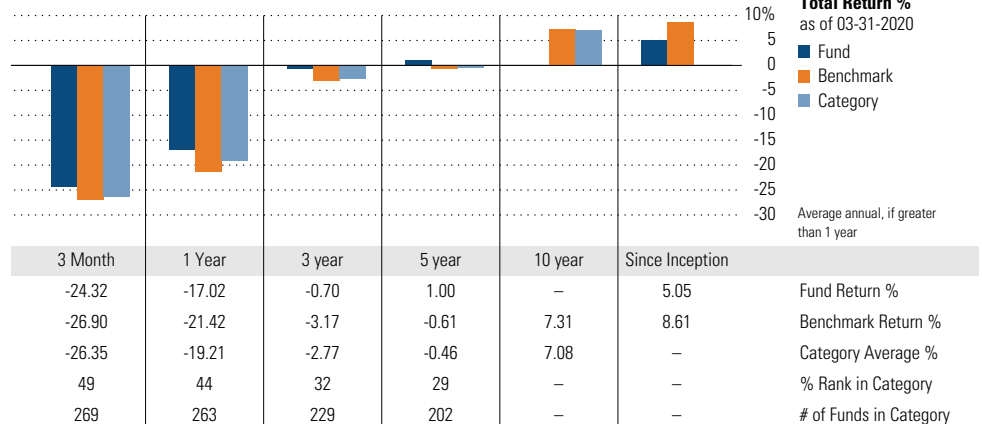
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Growth of \$10,000

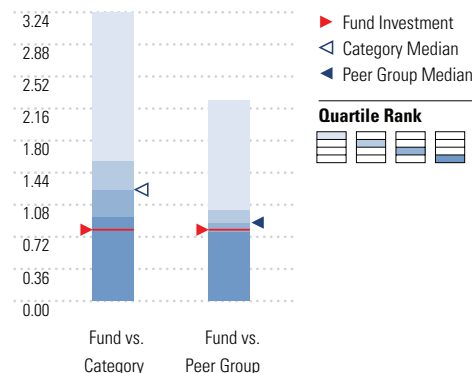


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Trailing Performance



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3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.14	-	0.98
Beta	0.91	-	0.92
R-Squared	97.08	-	94.50
Standard Deviation	16.82	18.14	17.28
Sharpe Ratio	-0.06	-0.18	-0.11
Tracking Error	3.28	-	4.30
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	Fund	Bmark	Cat
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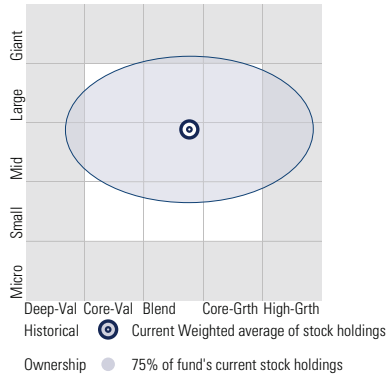
Invesco Real Estate R6 IARFX

Morningstar Category
Real Estate

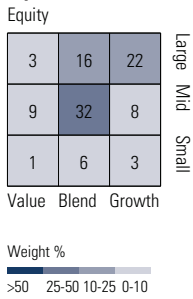
Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 03-31-2020

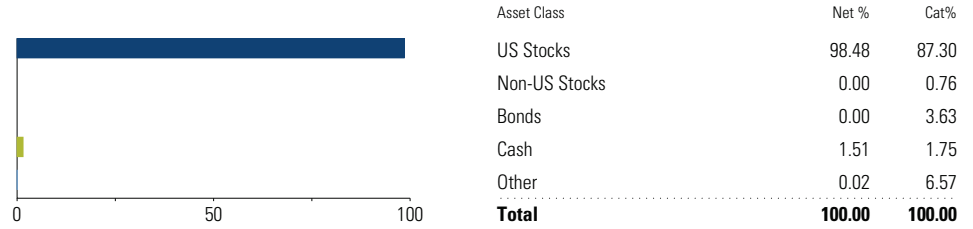
Morningstar Style Box™



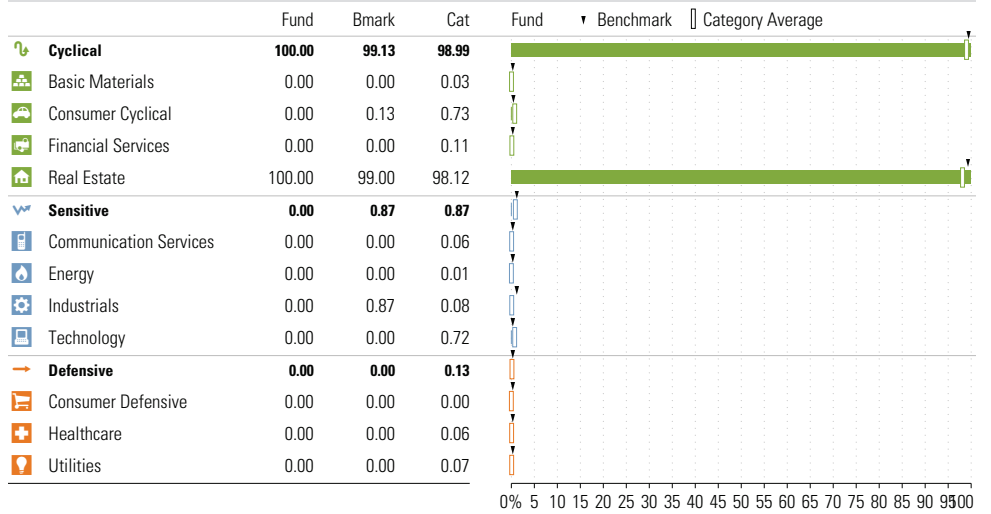
Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



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⊖ Sun Communities Inc	2.06	55.60	-16.30	Real Estate

Total Holdings 65

⊕ Increase ⊖ Decrease ✨ New to Portfolio

JPMorgan Equity Income R6 OIEJX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Portfolio Manager(s)

Clare Hart since 08-2004
David Silberman since 11-2019
Andrew Brandon since 11-2019

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.67 years.

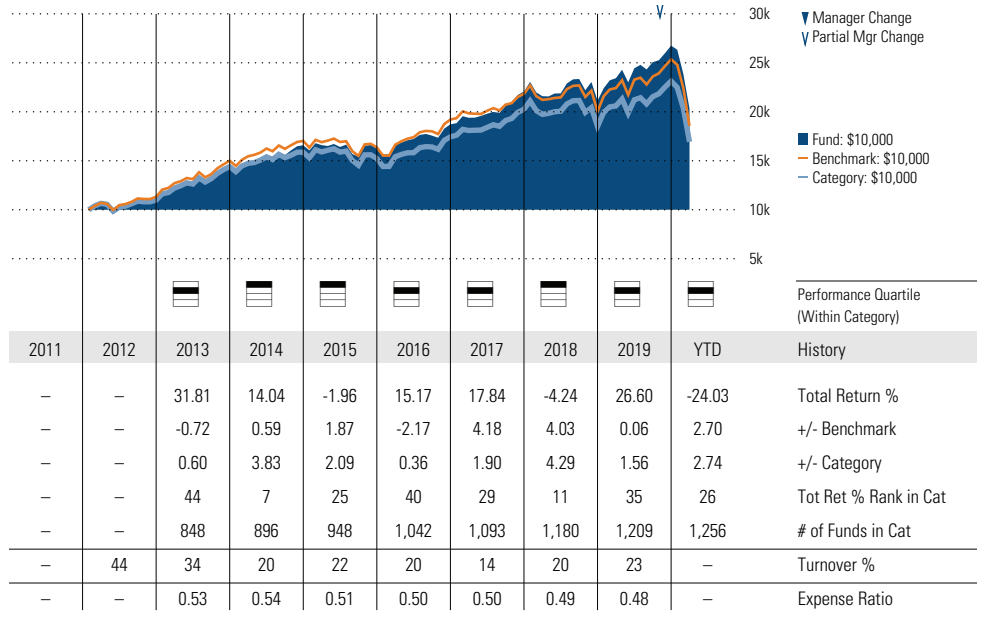
✔ **Style:** The fund has landed in its primary style box — Large Value — 79.41 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.48 is 49.47% lower than the Large Value category average.

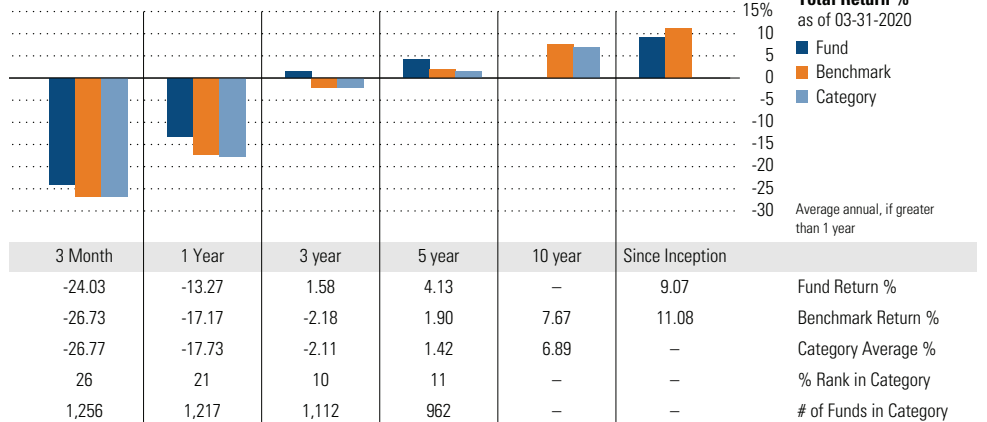
Morningstar Investment Management LLC Analysis

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.

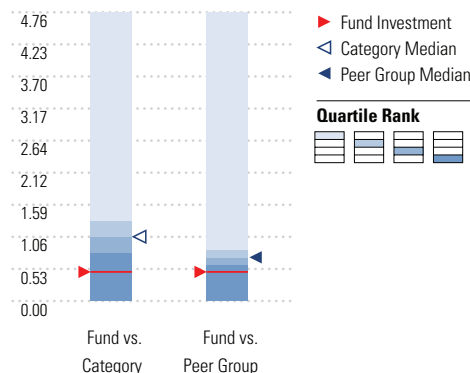
Growth of \$10,000



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	3.44	-	-0.03
Beta	0.91	-	0.99
R-Squared	98.36	-	95.73
Standard Deviation	15.32	16.79	16.92
Sharpe Ratio	0.07	-0.15	-0.14
Tracking Error	2.53	-	3.75
Information Ratio	1.49	-	0.01
Up Capture Ratio	102.79	-	99.24
Down Capture Ratio	85.23	-	99.59

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.72	13.21	11.58
Price/Book Ratio	2.20	1.48	1.46
Geom Avg Mkt Cap \$B	79.12	50.27	79.38
ROE	21.63	14.68	18.84

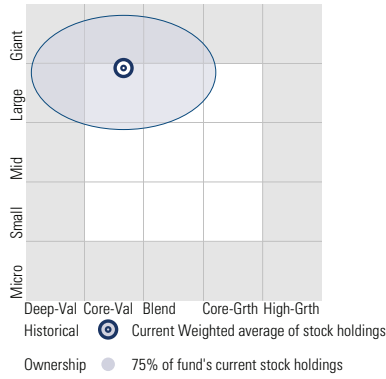
JPMorgan Equity Income R6 OIEJX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Style Analysis as of 03-31-2020

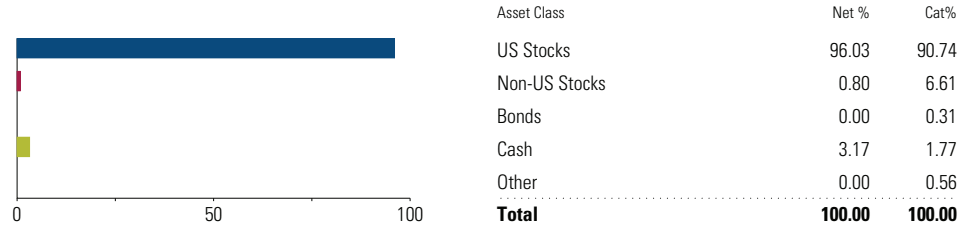
Morningstar Style Box™



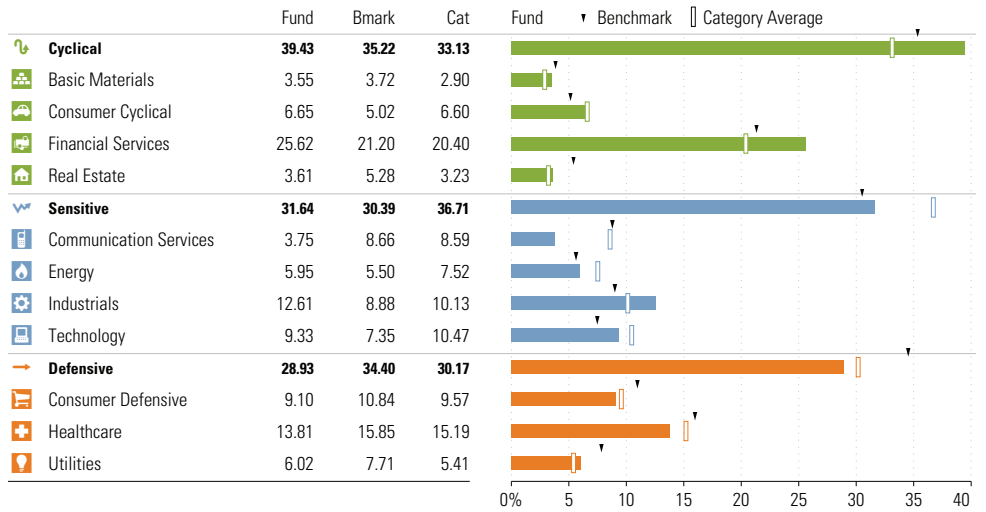
Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Prime Money Market IM	3.17	3.17	-	-
⊕ Bank of America Corp	2.97	6.14	-39.21	Financial Services
⊕ Chevron Corp	2.59	8.73	-38.80	Energy
⊕ CME Group Inc Class A	2.53	11.26	-13.43	Financial Services
⊕ Bristol-Myers Squibb Company	2.38	13.64	-12.46	Healthcare
⊕ Johnson & Johnson	2.22	15.86	-9.45	Healthcare
⊕ PNC Financial Services Group Inc	2.08	17.94	-39.32	Financial Services
⊖ Microsoft Corp	2.06	20.00	0.33	Technology
⊖ BlackRock Inc	2.05	22.05	-11.76	Financial Services
⊕ Comcast Corp Class A	2.01	24.06	-22.57	Communication Svc
⊕ McDonald's Corp	1.81	25.87	-15.69	Consumer Cyclical
⊕ ConocoPhillips	1.81	27.68	-51.99	Energy
⊕ NextEra Energy Inc	1.80	29.47	-0.06	Utilities
⊕ Philip Morris International Inc	1.78	31.25	-12.88	Consumer Defensive
⊕ Texas Instruments Inc	1.77	33.02	-21.40	Technology

Total Holdings 92

⊕ Increase ⊖ Decrease ✨ New to Portfolio

JPMorgan Equity Income R6 OIEJX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Portfolio Manager(s)

Clare Hart since 08-2004
David Silberman since 11-2019
Andrew Brandon since 11-2019

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.67 years.

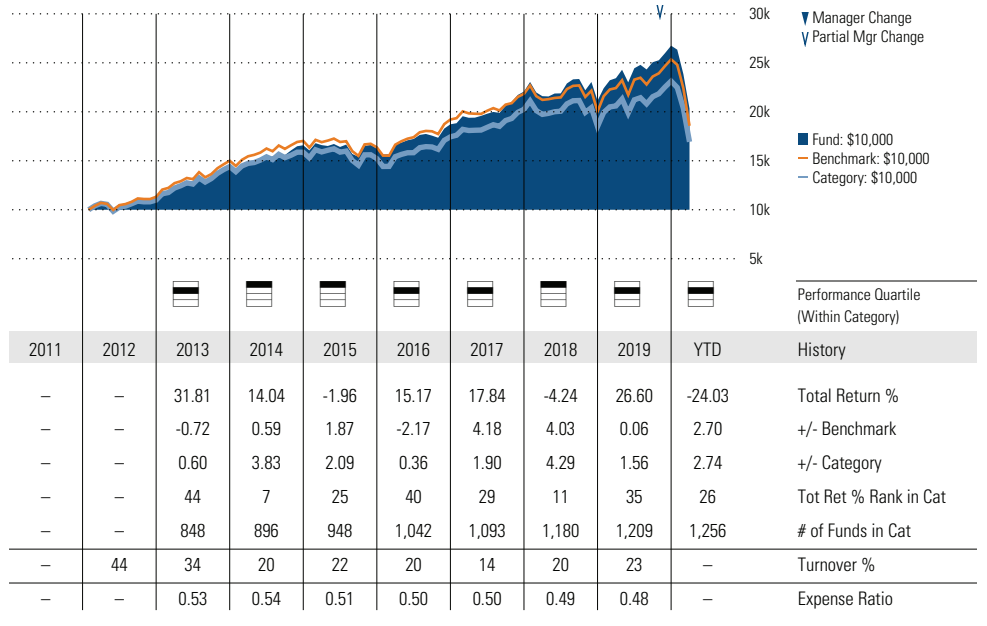
✔ **Style:** The fund has landed in its primary style box — Large Value — 79.41 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.48 is 49.47% lower than the Large Value category average.

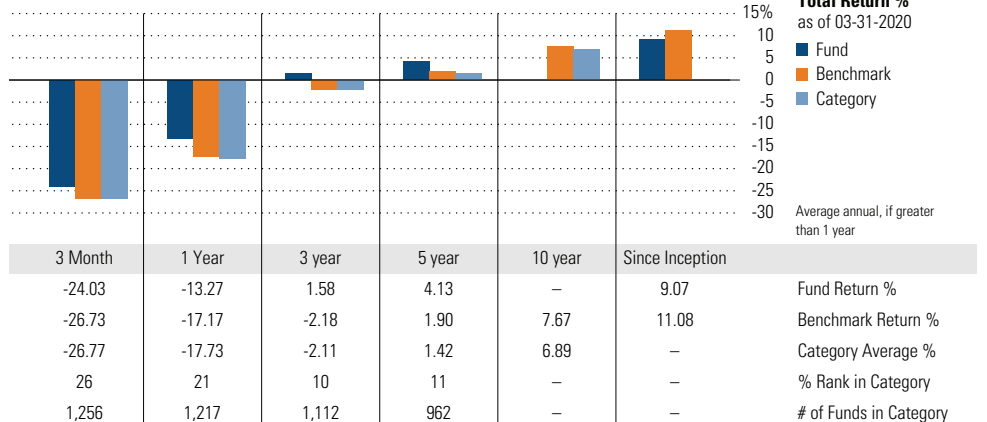
Morningstar Investment Management LLC Analysis

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.

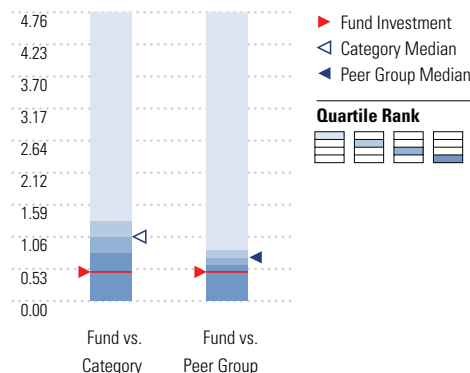
Growth of \$10,000



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	3.44	-	-0.03
Beta	0.91	-	0.99
R-Squared	98.36	-	95.73
Standard Deviation	15.32	16.79	16.92
Sharpe Ratio	0.07	-0.15	-0.14
Tracking Error	2.53	-	3.75
Information Ratio	1.49	-	0.01
Up Capture Ratio	102.79	-	99.24
Down Capture Ratio	85.23	-	99.59

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.72	13.21	11.58
Price/Book Ratio	2.20	1.48	1.46
Geom Avg Mkt Cap \$B	79.12	50.27	79.38
ROE	21.63	14.68	18.84

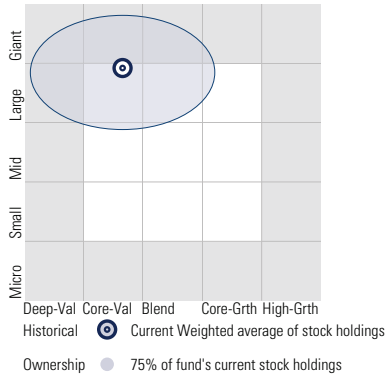
JPMorgan Equity Income R6 OIEJX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Style Analysis as of 03-31-2020

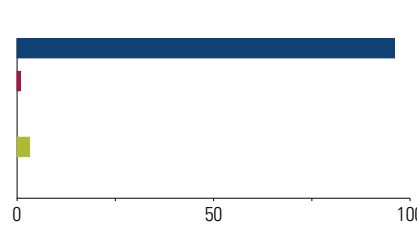
Morningstar Style Box™



Style Breakdown

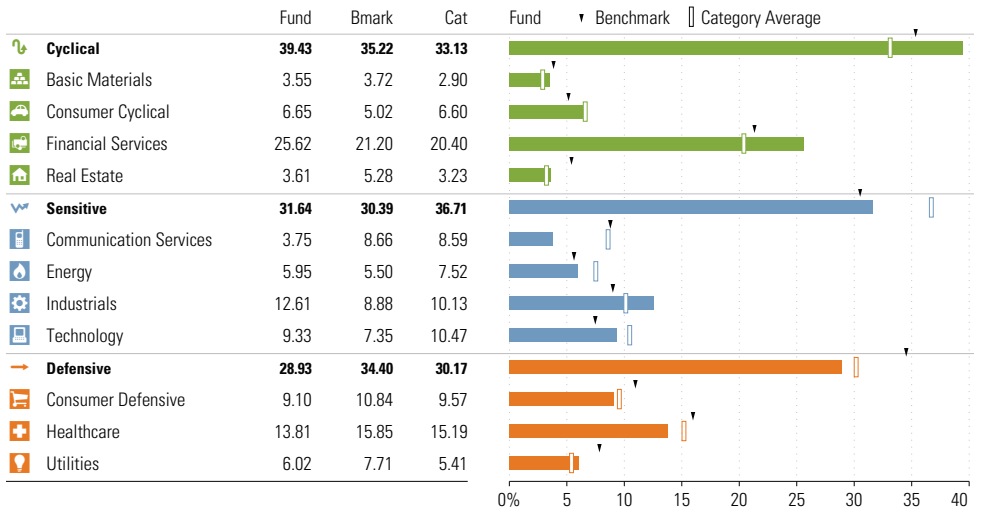


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	96.03	90.74
Non-US Stocks	0.80	6.61
Bonds	0.00	0.31
Cash	3.17	1.77
Other	0.00	0.56
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Prime Money Market IM	3.17	3.17	-	-
⊕ Bank of America Corp	2.97	6.14	-39.21	Financial Services
⊕ Chevron Corp	2.59	8.73	-38.80	Energy
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⊕ Philip Morris International Inc	1.78	31.25	-12.88	Consumer Defensive
⊕ Texas Instruments Inc	1.77	33.02	-21.40	Technology

Total Holdings 92

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Neuberger Berman Mid Cap Growth R6 NRMGX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Kenneth Turek since 01-2003
Trevor Moreno since 01-2020
Chad Brusio since 01-2020

Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Growth category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 17.18 years.

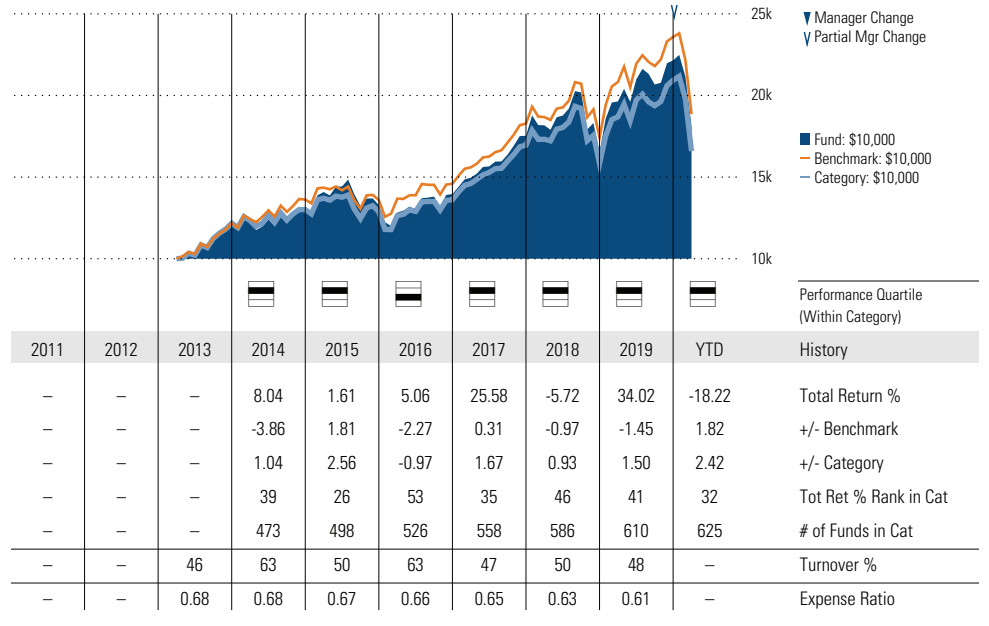
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.61 is 46.49% lower than the Mid-Cap Growth category average.

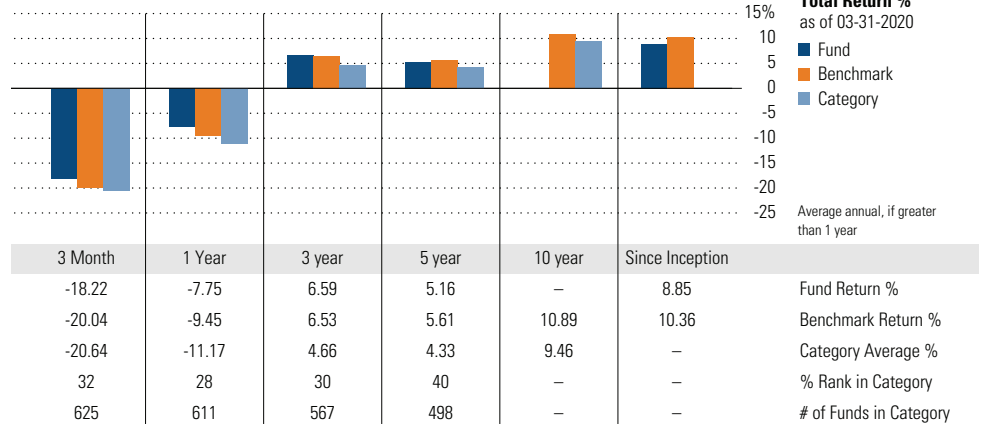
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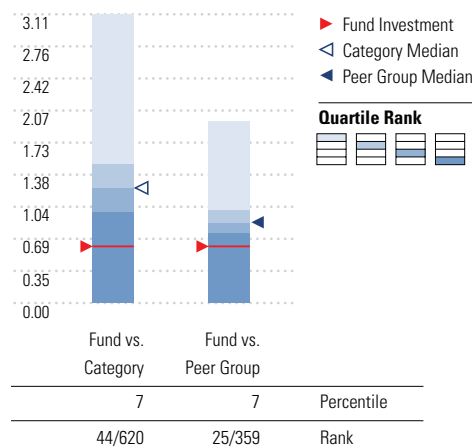
Growth of \$10,000



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	0.00	-	-0.95
Beta	1.02	-	1.01
R-Squared	97.81	-	92.63
Standard Deviation	17.90	17.43	18.29
Sharpe Ratio	0.35	0.35	0.29
Tracking Error	2.66	-	4.92
Information Ratio	0.02	-	-0.34
Up Capture Ratio	101.13	-	97.09
Down Capture Ratio	101.20	-	101.79

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.18	22.42	21.57
Price/Book Ratio	4.65	4.46	3.08
Geom Avg Mkt Cap \$B	14.20	13.85	11.45
ROE	15.59	22.30	17.22

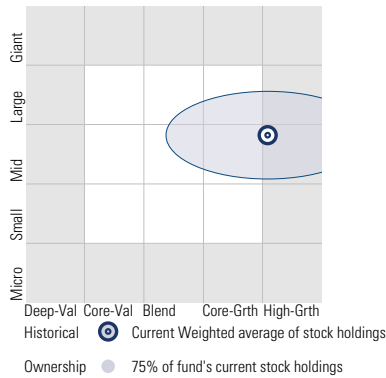
Neuberger Berman Mid Cap Growth R6 NRMGX

Morningstar Category
Mid-Cap Growth

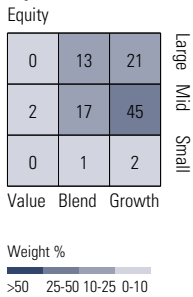
Morningstar Index
Russell Mid Cap Growth TR USD

Style Analysis as of 03-31-2020

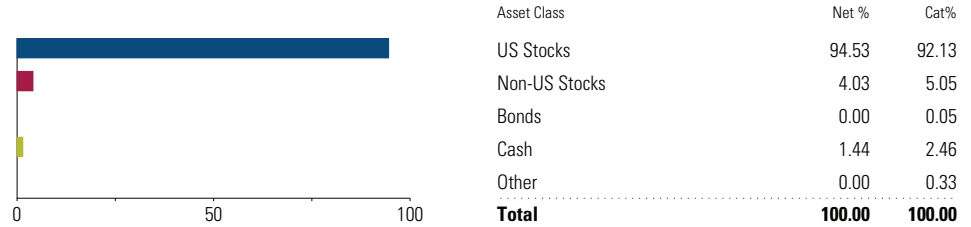
Morningstar Style Box™



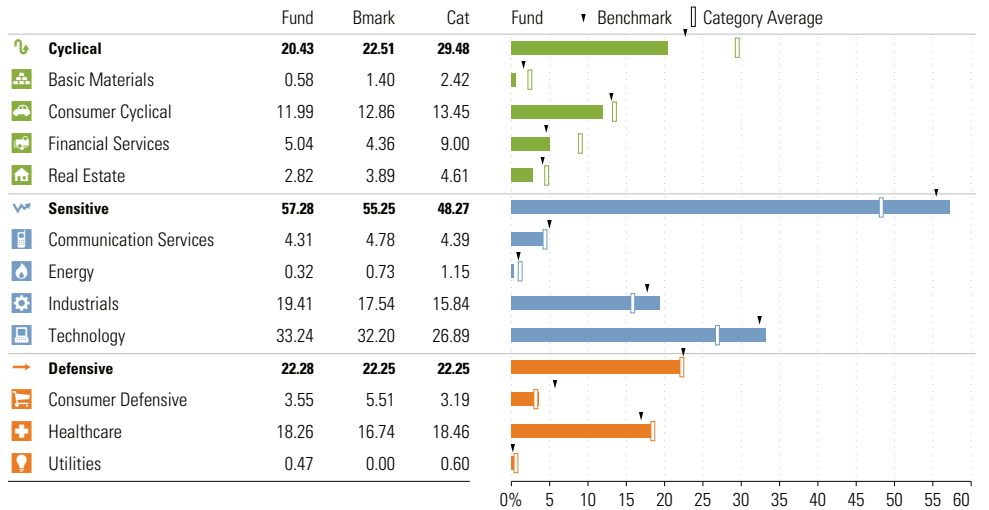
Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Global Payments Inc	2.41	2.41	-20.89	Industrials
Advanced Micro Devices Inc	2.32	4.74	-0.83	Technology
CoStar Group Inc	2.19	6.93	-1.85	Real Estate
Cintas Corp	1.94	8.87	-35.63	Industrials
RingCentral Inc Class A	1.89	10.76	25.64	Technology
Bright Horizons Family Solutions Inc	1.86	12.62	-32.13	Consumer Cyclical
Motorola Solutions Inc	1.81	14.43	-17.12	Technology
CDW Corp	1.75	16.18	-34.44	Technology
Roper Technologies Inc	1.74	17.92	-11.83	Industrials
Burlington Stores Inc	1.73	19.65	-30.51	Consumer Cyclical
Fiserv Inc	1.67	21.33	-17.85	Technology
EPAM Systems Inc	1.67	23.00	-12.49	Technology
L3Harris Technologies Inc	1.62	24.62	-8.54	Industrials
Waste Connections Inc	1.58	26.20	-14.43	Industrials
Veeva Systems Inc Class A	1.55	27.75	11.17	Healthcare

Total Holdings 105

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Neuberger Berman Mid Cap Growth R6 NRMGX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Kenneth Turek since 01-2003
Trevor Moreno since 01-2020
Chad Brusio since 01-2020

Quantitative Screens

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✔ **Management:** The fund's management has been in place for 17.18 years.

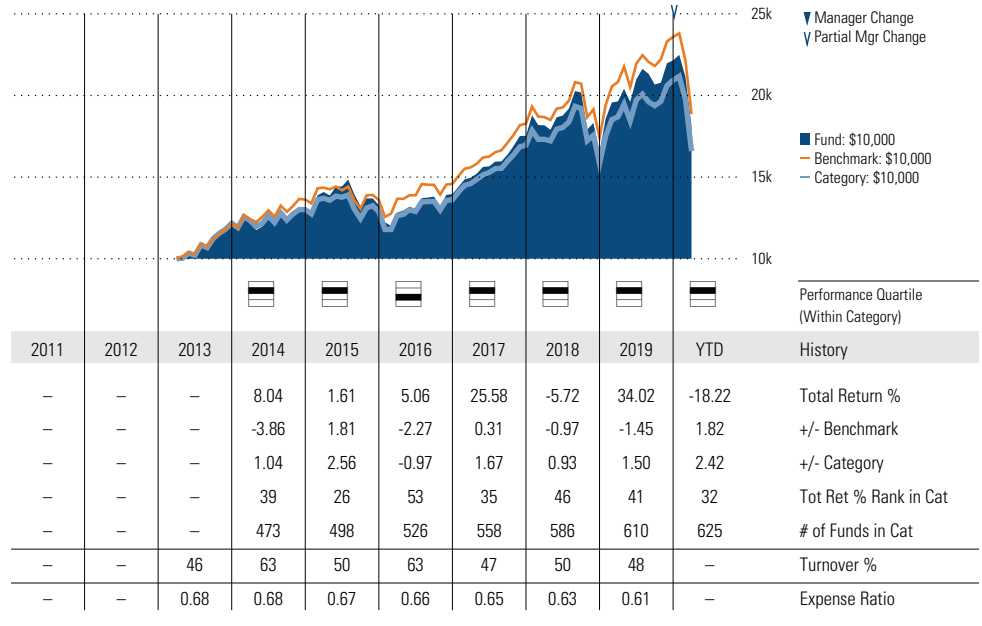
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✔ **Net Expense:** The fund's expense ratio of 0.61 is 46.49% lower than the Mid-Cap Growth category average.

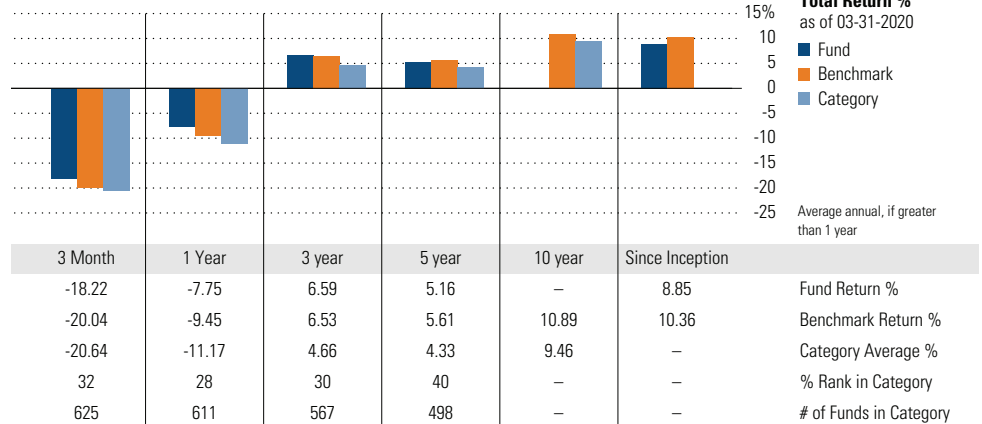
Morningstar Investment Management LLC Analysis

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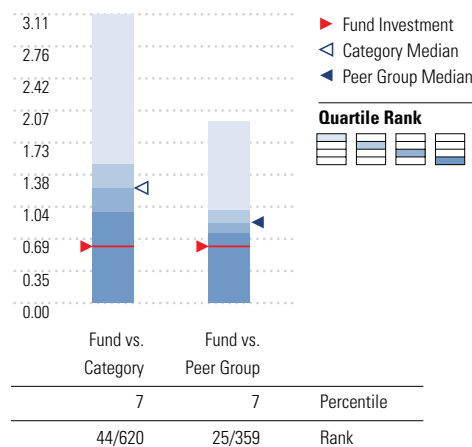
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.00	-	-0.95
Beta	1.02	-	1.01
R-Squared	97.81	-	92.63
Standard Deviation	17.90	17.43	18.29
Sharpe Ratio	0.35	0.35	0.29
Tracking Error	2.66	-	4.92
Information Ratio	0.02	-	-0.34
Up Capture Ratio	101.13	-	97.09
Down Capture Ratio	101.20	-	101.79

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.18	22.42	21.57
Price/Book Ratio	4.65	4.46	3.08
Geom Avg Mkt Cap \$B	14.20	13.85	11.45
ROE	15.59	22.30	17.22

Neuberger Berman Mid Cap Growth R6 NRMGX

Morningstar Category

Mid-Cap Growth

Morningstar Index

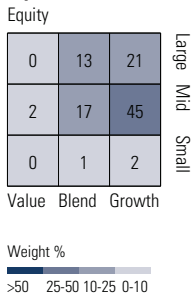
Russell Mid Cap Growth TR USD

Style Analysis as of 03-31-2020

Morningstar Style Box™



Style Breakdown

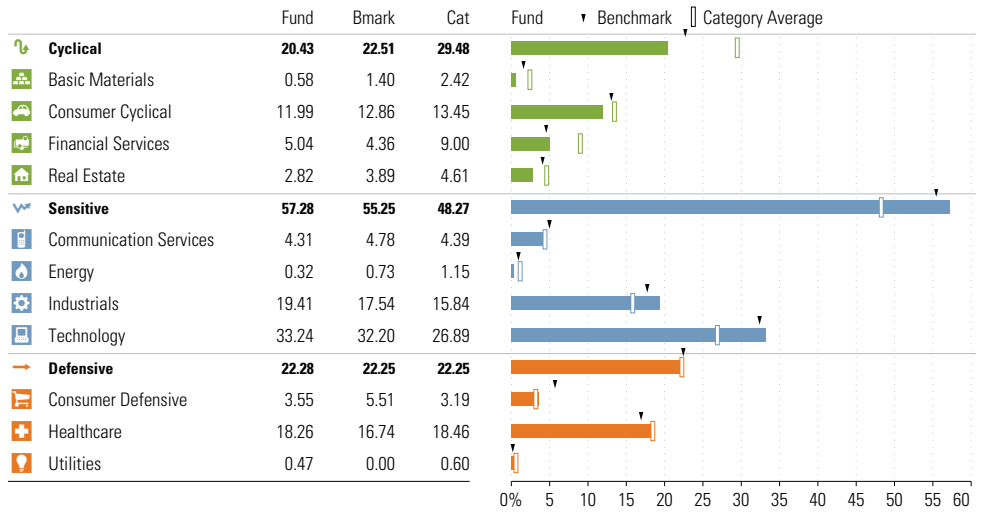


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	94.53	92.13
Non-US Stocks	4.03	5.05
Bonds	0.00	0.05
Cash	1.44	2.46
Other	0.00	0.33
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Global Payments Inc	2.41	2.41	-20.89	Industrials
Advanced Micro Devices Inc	2.32	4.74	-0.83	Technology
CoStar Group Inc	2.19	6.93	-1.85	Real Estate
Cintas Corp	1.94	8.87	-35.63	Industrials
RingCentral Inc Class A	1.89	10.76	25.64	Technology
Bright Horizons Family Solutions Inc	1.86	12.62	-32.13	Consumer Cyclical
Motorola Solutions Inc	1.81	14.43	-17.12	Technology
CDW Corp	1.75	16.18	-34.44	Technology
Roper Technologies Inc	1.74	17.92	-11.83	Industrials
Burlington Stores Inc	1.73	19.65	-30.51	Consumer Cyclical
Fiserv Inc	1.67	21.33	-17.85	Technology
EPAM Systems Inc	1.67	23.00	-12.49	Technology
L3Harris Technologies Inc	1.62	24.62	-8.54	Industrials
Waste Connections Inc	1.58	26.20	-14.43	Industrials
Veeva Systems Inc Class A	1.55	27.75	11.17	Healthcare

Total Holdings 105

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Neuberger Berman Sustainable Eq R6 NRSRX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Sajjad Ladiwala since 12-2003
Ingrid Dyott since 12-2003

Quantitative Screens

✗ **Performance:** The fund has finished in the Large Blend category's top three quartiles in 3 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 16.29 years.

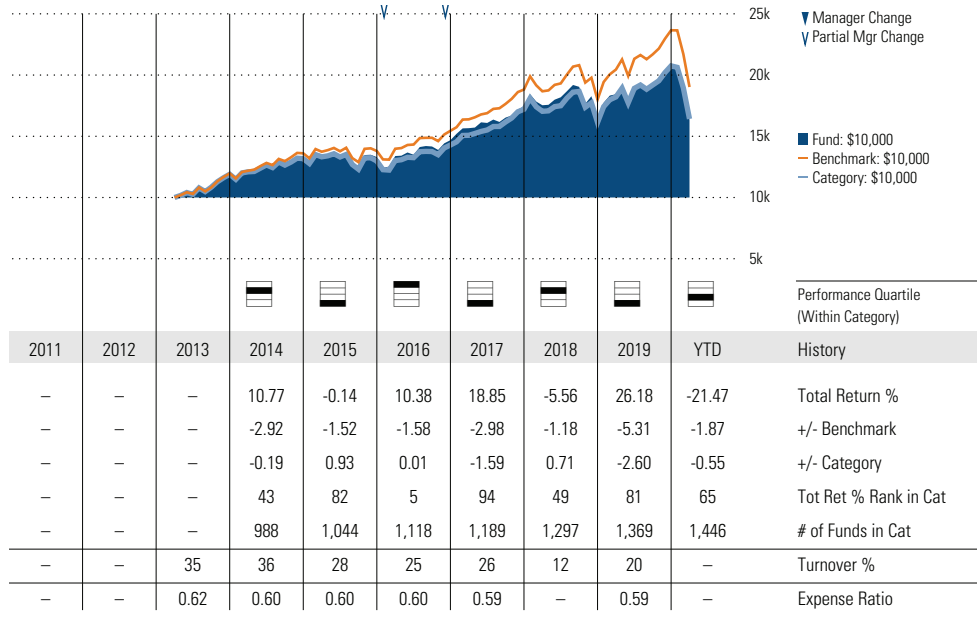
✔ **Style:** The fund has landed in its primary style box — Large Blend — 68.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.59 is 32.18% lower than the Large Blend category average.

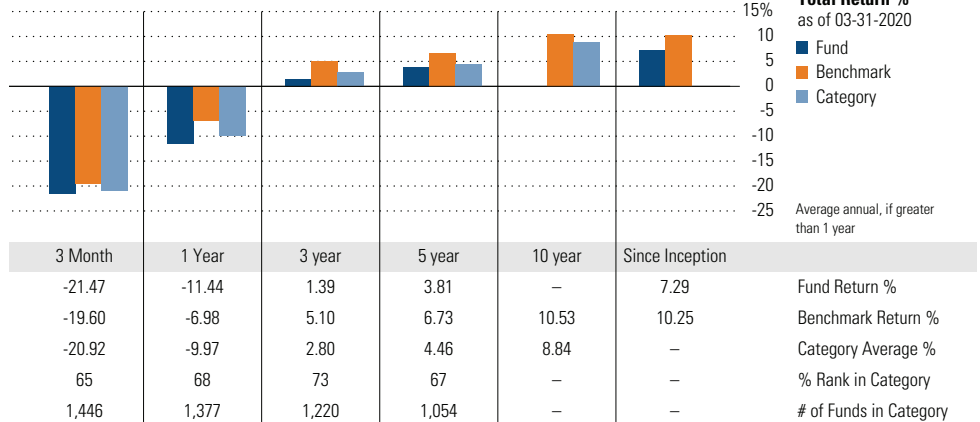
Morningstar Investment Management LLC Analysis

We are placing Neuberger Berman Sustainable Equity on watch due to performance issues. The fund has lagged since Ingrid Dyott and Sajjad Ladiwala took over for longtime lead manager Arthur Moretti in early 2016. While Dyott and Sajjad are both experienced investors who supported Moretti prior to his retirement, they have not yet replicated his success. While 15-year returns for the fund remain solid, returns over shorter trailing periods lag both the large-growth category and the large-blend category, to which the fund was moved in 2018. While the fund is on watch, we will monitor the portfolio and performance characteristics closely.

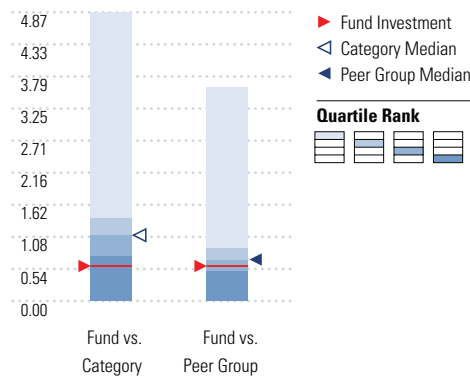
Growth of \$10,000



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	-3.55	-	-2.23
Beta	1.00	-	0.99
R-Squared	96.45	-	94.99
Standard Deviation	15.48	15.21	15.38
Sharpe Ratio	0.05	0.29	0.14
Tracking Error	2.92	-	3.28
Information Ratio	-1.27	-	-1.19
Up Capture Ratio	89.15	-	90.76
Down Capture Ratio	106.44	-	101.53

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.58	17.90	16.40
Price/Book Ratio	3.34	2.67	2.71
Geom Avg Mkt Cap \$B	60.18	111.51	146.57
ROE	26.50	27.15	28.57

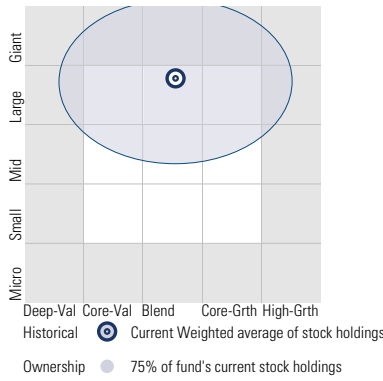
Neuberger Berman Sustainable Eq R6 NRSRX

Morningstar Category
Large Blend

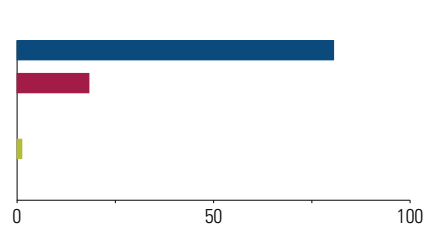
Morningstar Index
S&P 500 TR USD

Style Analysis as of 03-31-2020

Morningstar Style Box™

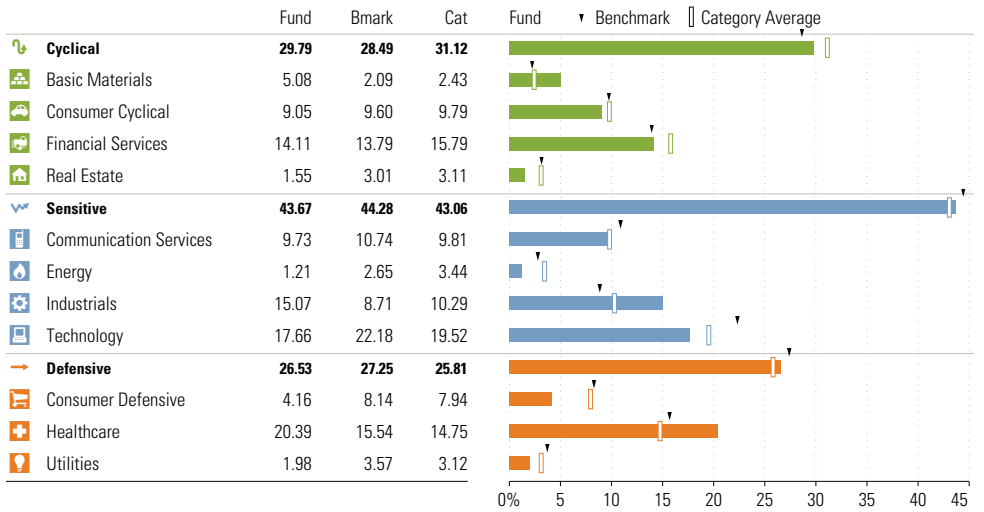


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	80.53	94.75
Non-US Stocks	18.27	2.90
Bonds	0.00	2.83
Cash	1.20	-1.34
Other	0.00	0.86
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Style Breakdown



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	4.83	4.83	0.33	Technology
Texas Instruments Inc	3.97	8.80	-21.40	Technology
Alphabet Inc A	3.80	12.61	-13.25	Communication Svc
Comcast Corp Class A	3.69	16.30	-22.57	Communication Svc
Stanley Black & Decker Inc	3.65	19.95	-39.25	Industrials
Intercontinental Exchange Inc	3.52	23.47	-12.43	Financial Services
Cigna Corp	3.49	26.96	-13.34	Healthcare
Advance Auto Parts Inc	3.39	30.34	-41.58	Consumer Cyclical
JPMorgan Chase & Co	3.35	33.69	-34.77	Financial Services
Roche Holding AG Dividend Right Cert.	3.25	36.94	31.93	Healthcare
Becton, Dickinson and Co	3.20	40.13	-15.23	Healthcare
Vestas Wind Systems A/S	3.19	43.32	-19.17	Industrials
Medtronic PLC	3.18	46.50	-20.04	Healthcare
Aptiv PLC	3.07	49.57	-47.92	Consumer Cyclical
Unilever NV ADR	2.97	52.54	-14.30	Consumer Defensive

Total Holdings 44

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Neuberger Berman Sustainable Eq R6 NRSRX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Sajjad Ladiwala since 12-2003
Ingrid Dyott since 12-2003

Quantitative Screens

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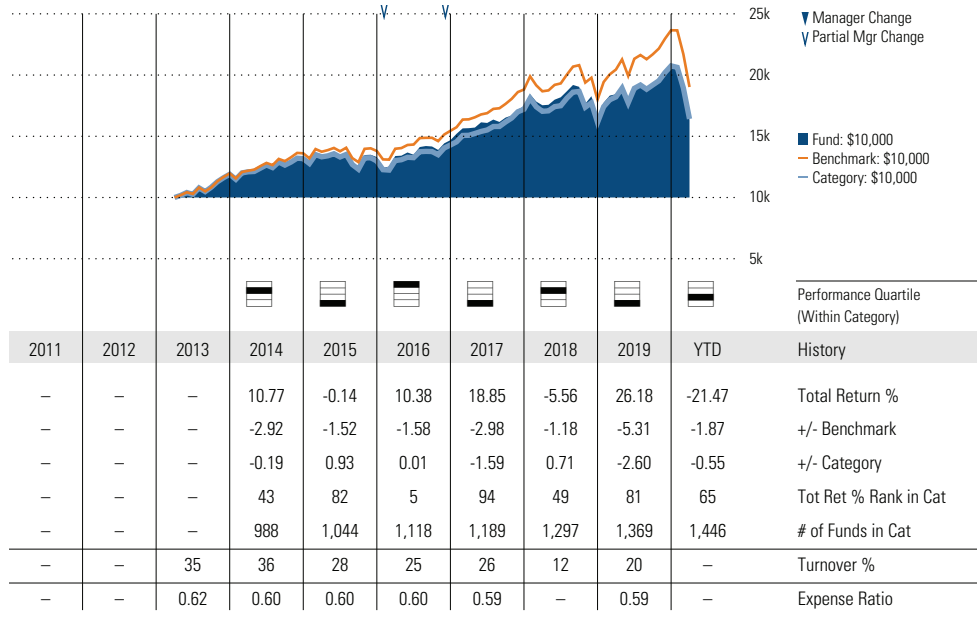
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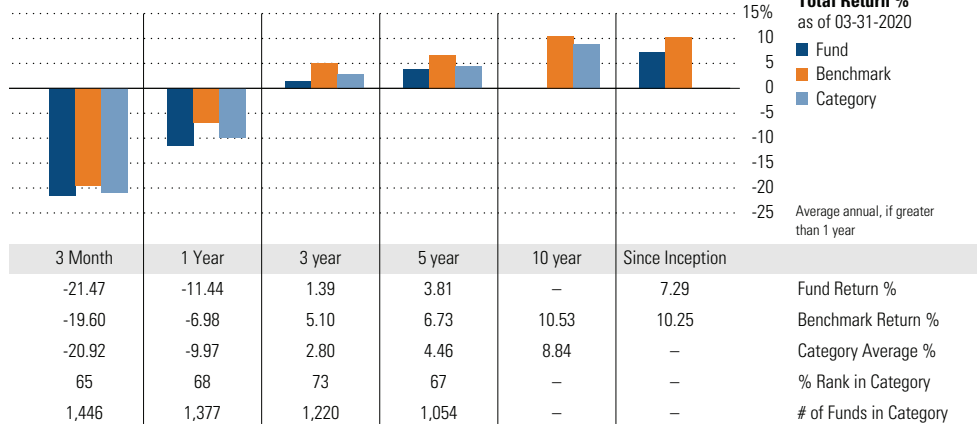
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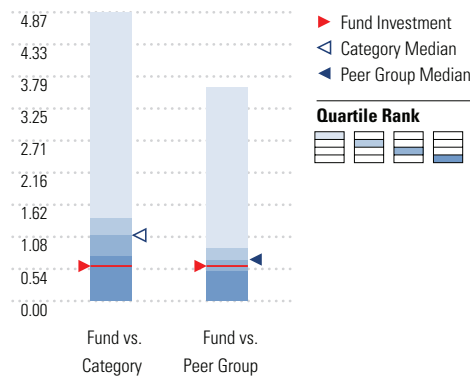
Growth of \$10,000



Trailing Performance



Net Expense



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3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-3.55	-	-2.23
Beta	1.00	-	0.99
R-Squared	96.45	-	94.99
Standard Deviation	15.48	15.21	15.38
Sharpe Ratio	0.05	0.29	0.14
Tracking Error	2.92	-	3.28
Information Ratio	-1.27	-	-1.19
Up Capture Ratio	89.15	-	90.76
Down Capture Ratio	106.44	-	101.53

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.58	17.90	16.40
Price/Book Ratio	3.34	2.67	2.71
Geom Avg Mkt Cap \$B	60.18	111.51	146.57
ROE	26.50	27.15	28.57

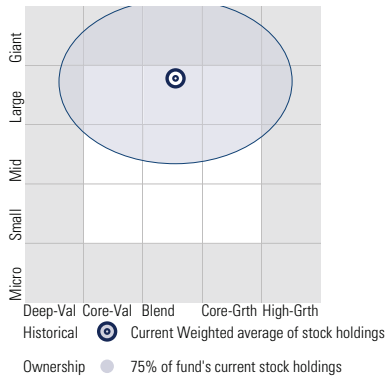
Neuberger Berman Sustainable Eq R6 NRSRX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 03-31-2020

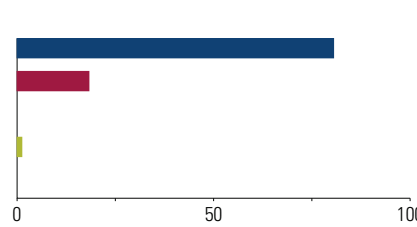
Morningstar Style Box™



Style Breakdown

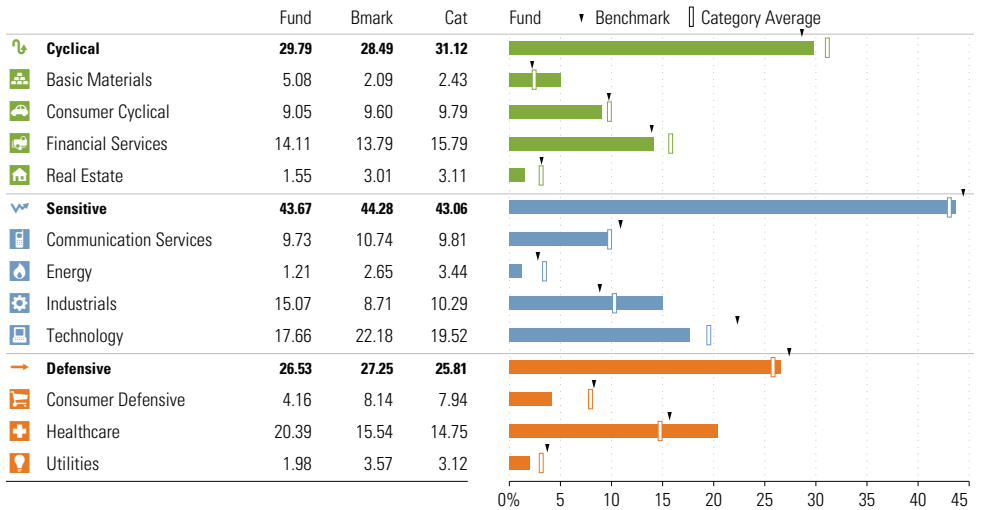


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	80.53	94.75
Non-US Stocks	18.27	2.90
Bonds	0.00	2.83
Cash	1.20	-1.34
Other	0.00	0.86
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	4.83	4.83	0.33	Technology
Texas Instruments Inc	3.97	8.80	-21.40	Technology
Alphabet Inc A	3.80	12.61	-13.25	Communication Svc
Comcast Corp Class A	3.69	16.30	-22.57	Communication Svc
Stanley Black & Decker Inc	3.65	19.95	-39.25	Industrials
Intercontinental Exchange Inc	3.52	23.47	-12.43	Financial Services
Cigna Corp	3.49	26.96	-13.34	Healthcare
Advance Auto Parts Inc	3.39	30.34	-41.58	Consumer Cyclical
JPMorgan Chase & Co	3.35	33.69	-34.77	Financial Services
Roche Holding AG Dividend Right Cert.	3.25	36.94	31.93	Healthcare
Becton, Dickinson and Co	3.20	40.13	-15.23	Healthcare
Vestas Wind Systems A/S	3.19	43.32	-19.17	Industrials
Medtronic PLC	3.18	46.50	-20.04	Healthcare
Aptiv PLC	3.07	49.57	-47.92	Consumer Cyclical
Unilever NV ADR	2.97	52.54	-14.30	Consumer Defensive

Total Holdings 44

⊕ Increase ⊖ Decrease ✨ New to Portfolio

PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Portfolio Manager(s)

Nicholas Johnson since 01-2015
Greg Sharenow since 11-2018
Stephen Rodosky since 01-2019

Quantitative Screens

✔ **Performance:** The fund has finished in the Commodities Broad Basket 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 5.25 years.

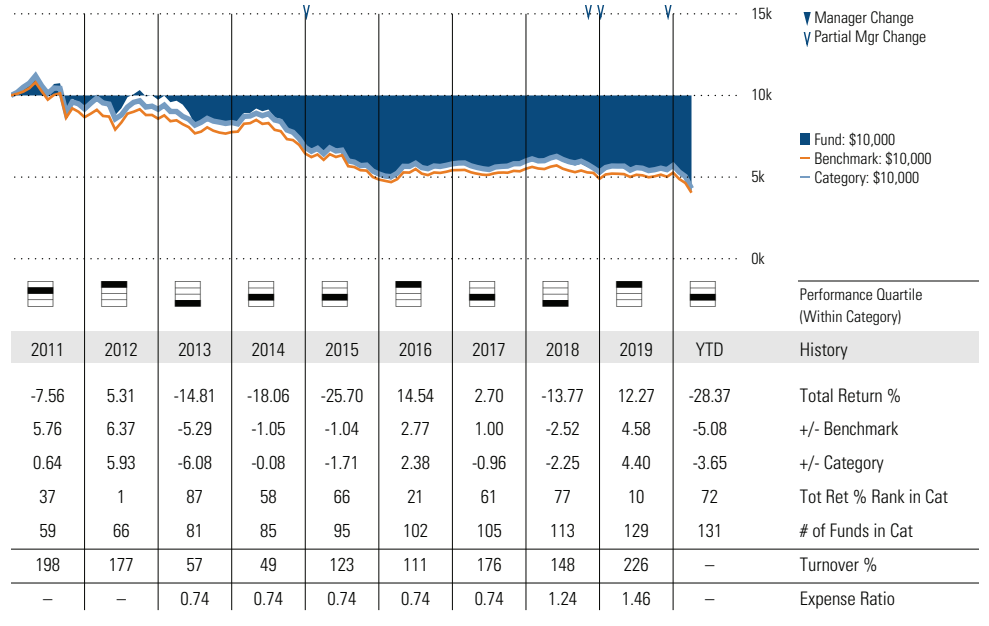
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 1.46 is 25.86% higher than the Commodities Broad Basket category average.

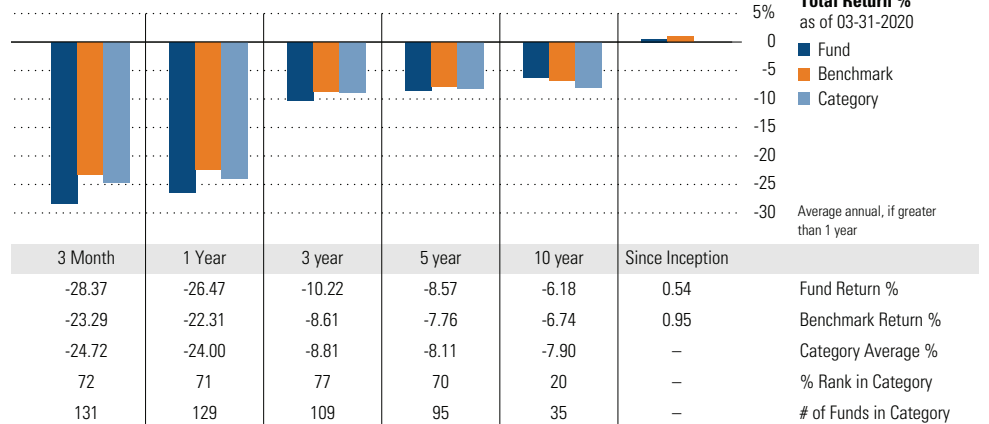
Morningstar Investment Management LLC Analysis

This fund fails the expense screen. However, that failure is due to a new fee calculation methodology that incorporates costs that are not an additional charge to shareholders. As a result, we do not regard the failure as significant.

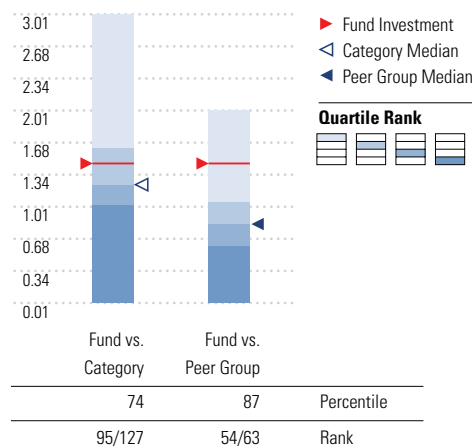
Growth of \$10,000



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	0.43	-	0.54
Beta	1.22	-	1.12
R-Squared	96.70	-	85.79
Standard Deviation	15.09	12.21	14.82
Sharpe Ratio	-0.75	-0.82	-0.73
Tracking Error	3.80	-	6.03
Information Ratio	-0.42	-	-0.19
Up Capture Ratio	115.18	-	112.96
Down Capture Ratio	116.87	-	111.34

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	8.37
Price/Book Ratio	1.51	-	1.07
Geom Avg Mkt Cap \$B	20.09	-	13.71
ROE	16.78	-	21.43

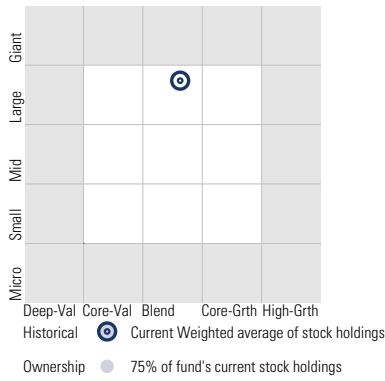
PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category
Commodities Broad Basket

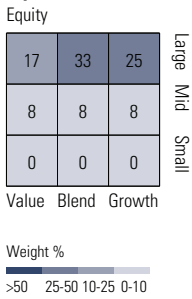
Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 03-31-2020

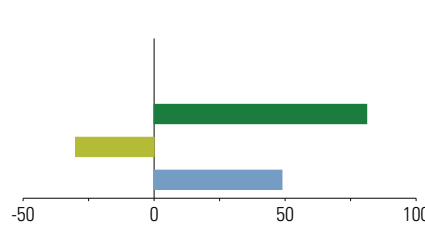
Morningstar Style Box™



Style Breakdown

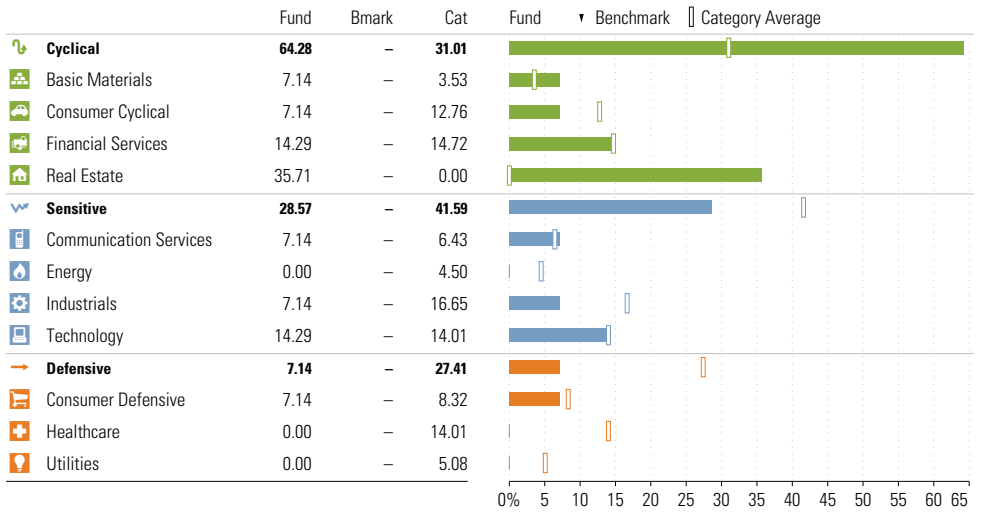


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	2.73
Non-US Stocks	0.00	1.30
Bonds	81.15	22.39
Cash	-29.94	67.83
Other	48.80	5.75
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Pimco Cayman Cmnty Fd Ltd Instl	27.77	27.77	-	-
⊕ Fin Fut Euro-Schatz 2yr Eux 03/06/20	20.39	48.16	-	-
⊖ United States Treasury Notes 0.12%	20.17	68.33	-	-
⊖ Offset: Unsettled Trades	16.63	84.96	-	-
✱ CashOffSet	15.01	99.97	-	-
⊕ Federal National Mortgage Association 4%	10.63	110.60	-	-
⊕ Trs R 2.26/912828k33 Myc	10.58	121.18	-	-
⊕ US Treasury Bond Future Mar 20	10.41	131.59	-	-
⊕ United States Treasury Bonds 2.38%	8.73	140.32	-	-
⊕ U S Tips Rev Repo	8.72	149.04	-	-
Irs Usd 2.25000 12/20/17-5y Cme	7.99	157.03	-	-
Irs Usd 2.40000 03/16/21-5y Cme	7.95	164.98	-	-
⊕ Irs Usd 2.25000 12/20/17-5y Cme	7.86	172.84	-	-
⊕ Irs Usd 2.40000 03/16/21-5y Cme	7.72	180.56	-	-
⊕ Fin Fut Eur-Bund 10yr Eux 03/06/20	7.12	187.68	-	-

Total Holdings 863

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Portfolio Manager(s)

Nicholas Johnson since 01-2015
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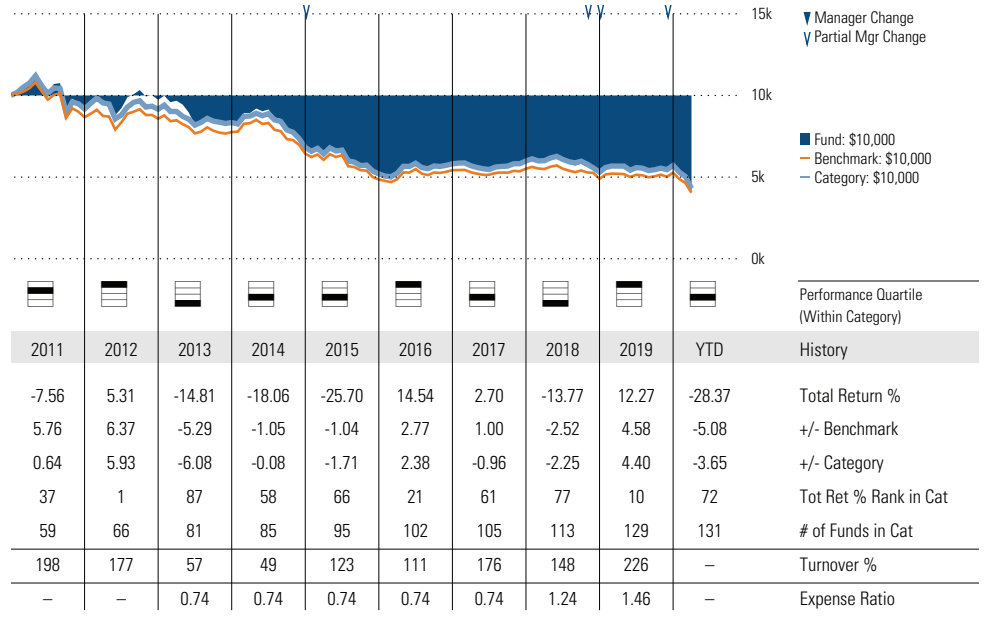
Style Consistency is not calculated for Fixed Income funds.

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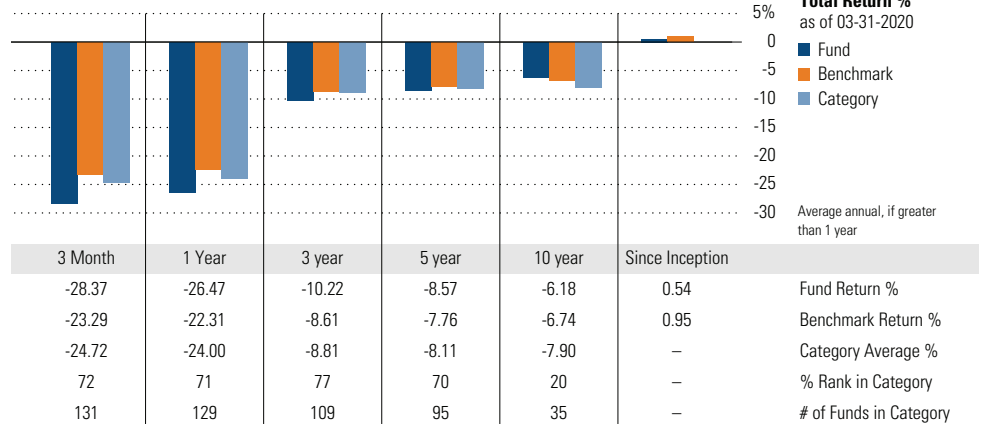
Morningstar Investment Management LLC Analysis

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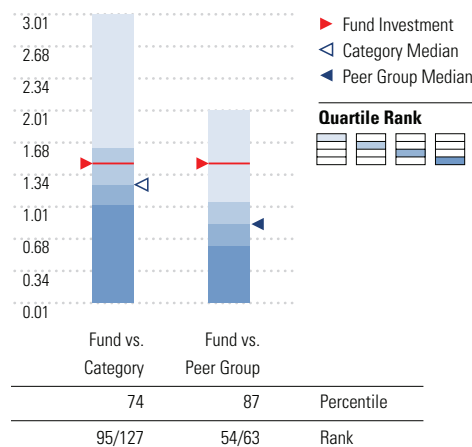
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.43	-	0.54
Beta	1.22	-	1.12
R-Squared	96.70	-	85.79
Standard Deviation	15.09	12.21	14.82
Sharpe Ratio	-0.75	-0.82	-0.73
Tracking Error	3.80	-	6.03
Information Ratio	-0.42	-	-0.19
Up Capture Ratio	115.18	-	112.96
Down Capture Ratio	116.87	-	111.34

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	8.37
Price/Book Ratio	1.51	-	1.07
Geom Avg Mkt Cap \$B	20.09	-	13.71
ROE	16.78	-	21.43

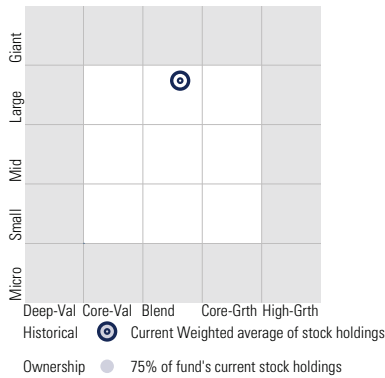
PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category
Commodities Broad Basket

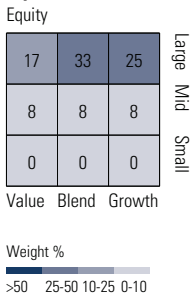
Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 03-31-2020

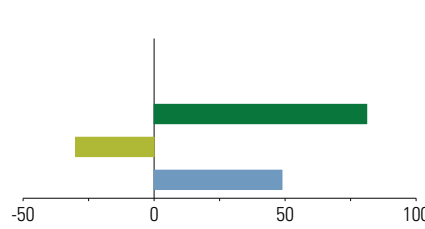
Morningstar Style Box™



Style Breakdown

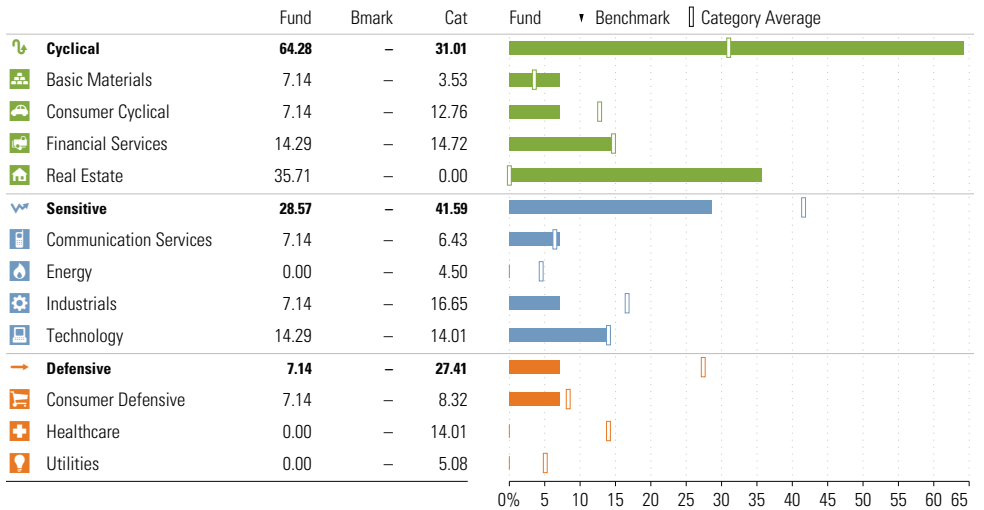


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	2.73
Non-US Stocks	0.00	1.30
Bonds	81.15	22.39
Cash	-29.94	67.83
Other	48.80	5.75
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Pimco Cayman Cmnty Fd Ltd Instl	27.77	27.77	-	-
⊕ Fin Fut Euro-Schatz 2yr Eux 03/06/20	20.39	48.16	-	-
⊖ United States Treasury Notes 0.12%	20.17	68.33	-	-
⊖ Offset: Unsettled Trades	16.63	84.96	-	-
✱ CashOffSet	15.01	99.97	-	-
<hr/>				
⊕ Federal National Mortgage Association 4%	10.63	110.60	-	-
⊕ Trs R 2.26/912828k33 Myc	10.58	121.18	-	-
⊕ US Treasury Bond Future Mar 20	10.41	131.59	-	-
⊕ United States Treasury Bonds 2.38%	8.73	140.32	-	-
⊕ U S Tips Rev Repo	8.72	149.04	-	-
<hr/>				
Irs Usd 2.25000 12/20/17-5y Cme	7.99	157.03	-	-
Irs Usd 2.40000 03/16/21-5y Cme	7.95	164.98	-	-
⊕ Irs Usd 2.25000 12/20/17-5y Cme	7.86	172.84	-	-
⊕ Irs Usd 2.40000 03/16/21-5y Cme	7.72	180.56	-	-
⊕ Fin Fut Eur-Bund 10yr Eux 03/06/20	7.12	187.68	-	-

Total Holdings 863

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Income Instl PIMIX

Morningstar Category
Multisector Bond

Morningstar Index
BBgBarc 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 13.01 years.

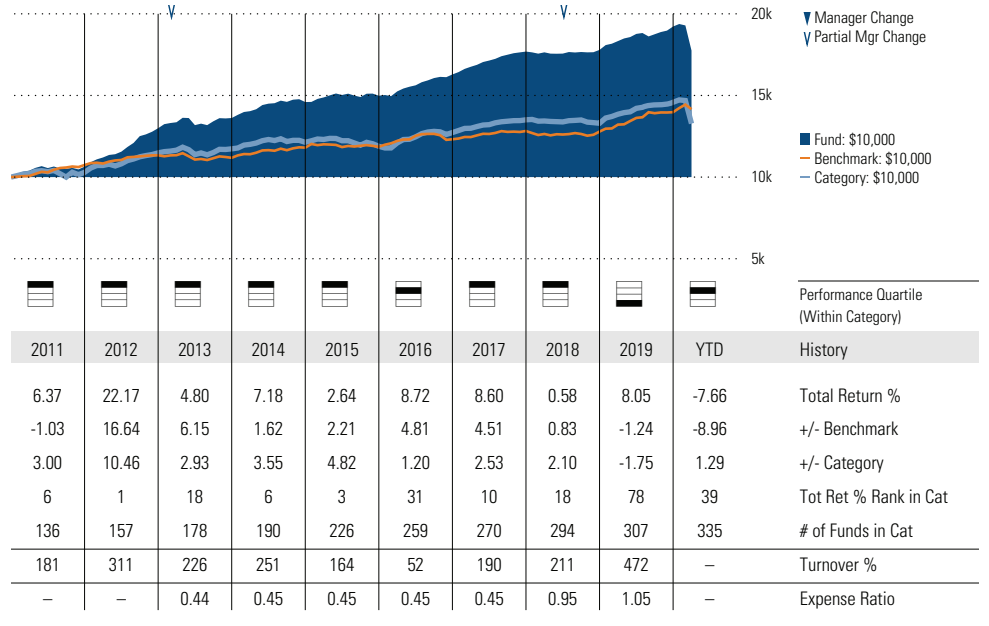
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.05 is 1.87% lower than the Multisector Bond category average.

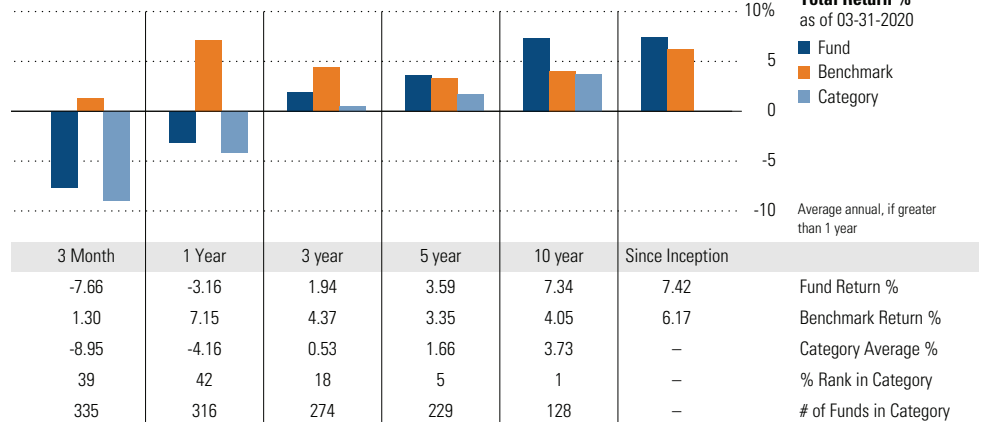
Morningstar Investment Management LLC Analysis

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

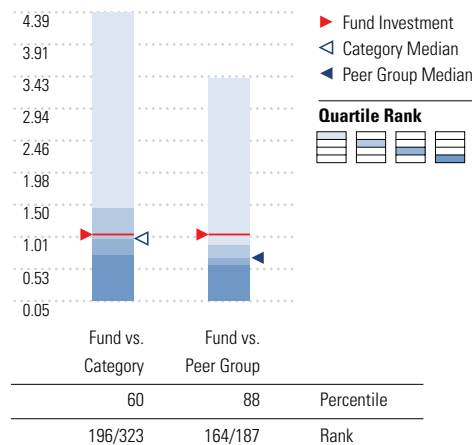
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.38	-	-4.35
Beta	0.79	-	1.16
R-Squared	23.02	-	31.25
Standard Deviation	5.20	3.15	6.96
Sharpe Ratio	0.06	0.84	-0.11
Tracking Error	4.61	-	5.94
Information Ratio	-0.53	-	-0.67
Up Capture Ratio	63.46	-	67.01
Down Capture Ratio	97.89	-	173.96

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.91	4.55	4.46
Avg Eff Maturity	2.59	7.69	7.31

PIMCO Income Instl PIMIX

Morningstar Category
Multisector Bond

Morningstar Index
BBgBarc US Universal TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.71	1.28
Non-US Stocks	0.12	0.53
Bonds	88.14	101.85
Cash	5.60	-4.75
Other	5.43	1.10
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	22.70
AA	7.00	3.23	7.45
A	4.00	10.03	10.93
BBB	14.00	10.89	22.04
BB	6.00	3.19	19.28
B	7.00	3.64	11.34
Below B	6.00	1.38	3.07
Not Rated	0.00	0.00	3.19

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd 3.00000 06/19/19-5y Cme	06-2024	13.62	13.62	-
Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	13.31	26.93	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	12.91	39.84	-
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	12.90	52.74	-
Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.27	65.02	-
⊕ Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.21	77.23	-
⊕ Offset: Unsettled Trades	-	11.19	88.41	-
⊕ 5 Year Treasury Note Future Mar 20	03-2020	9.59	98.00	-
⊕ Federal National Mortgage Association 3%	02-2050	7.98	105.98	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	7.50	113.48	-

Total Holdings 7373

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Income Instl PIMIX

Morningstar Category
Multisector Bond

Morningstar Index
BBgBarc 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 13.01 years.

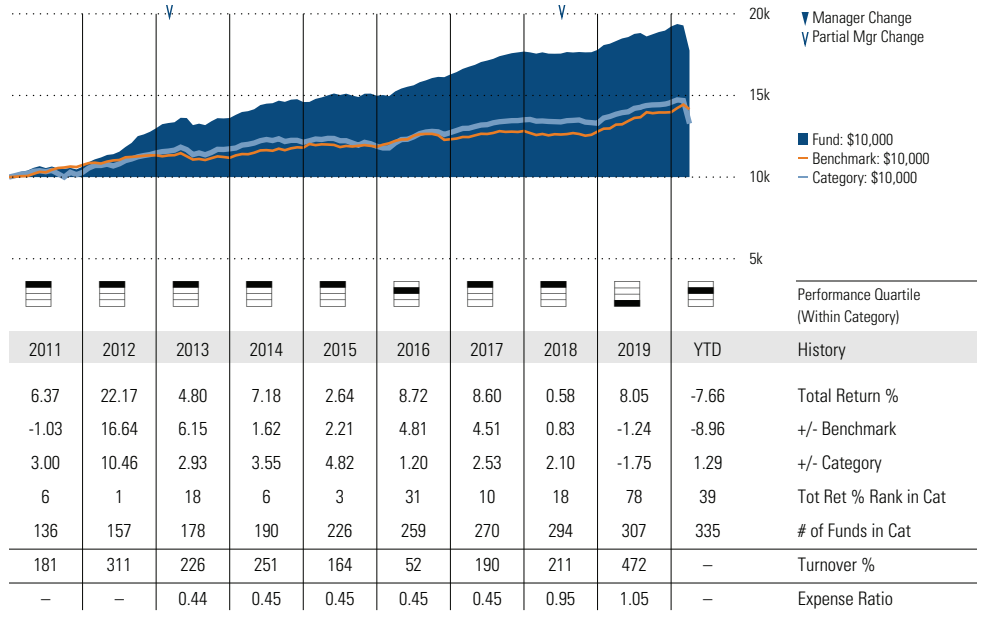
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.05 is 1.87% lower than the Multisector Bond category average.

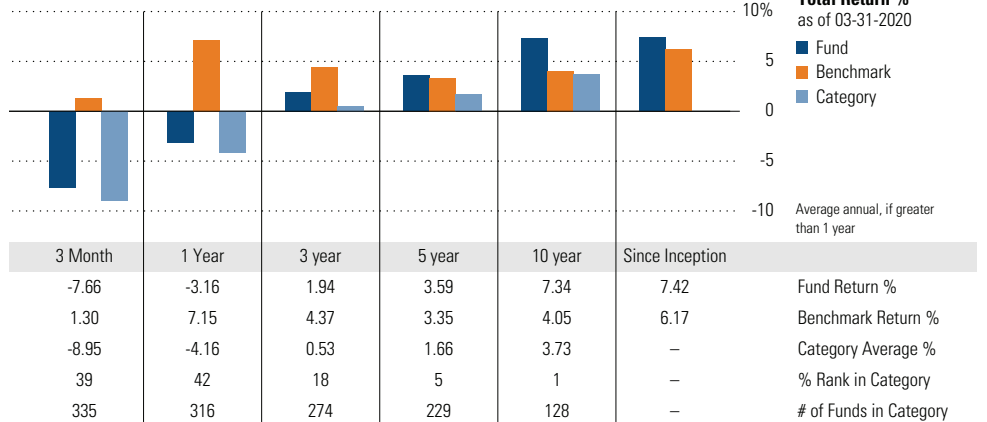
Morningstar Investment Management LLC Analysis

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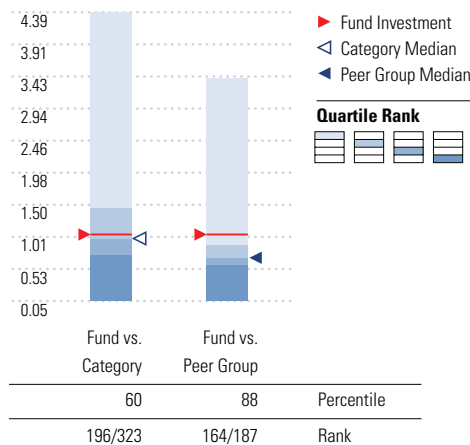
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.38	-	-4.35
Beta	0.79	-	1.16
R-Squared	23.02	-	31.25
Standard Deviation	5.20	3.15	6.96
Sharpe Ratio	0.06	0.84	-0.11
Tracking Error	4.61	-	5.94
Information Ratio	-0.53	-	-0.67
Up Capture Ratio	63.46	-	67.01
Down Capture Ratio	97.89	-	173.96

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.91	4.55	4.46
Avg Eff Maturity	2.59	7.69	7.31

PIMCO Income Instl PIMIX

Morningstar Category
Multisector Bond

Morningstar Index
BBgBarc US Universal TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020

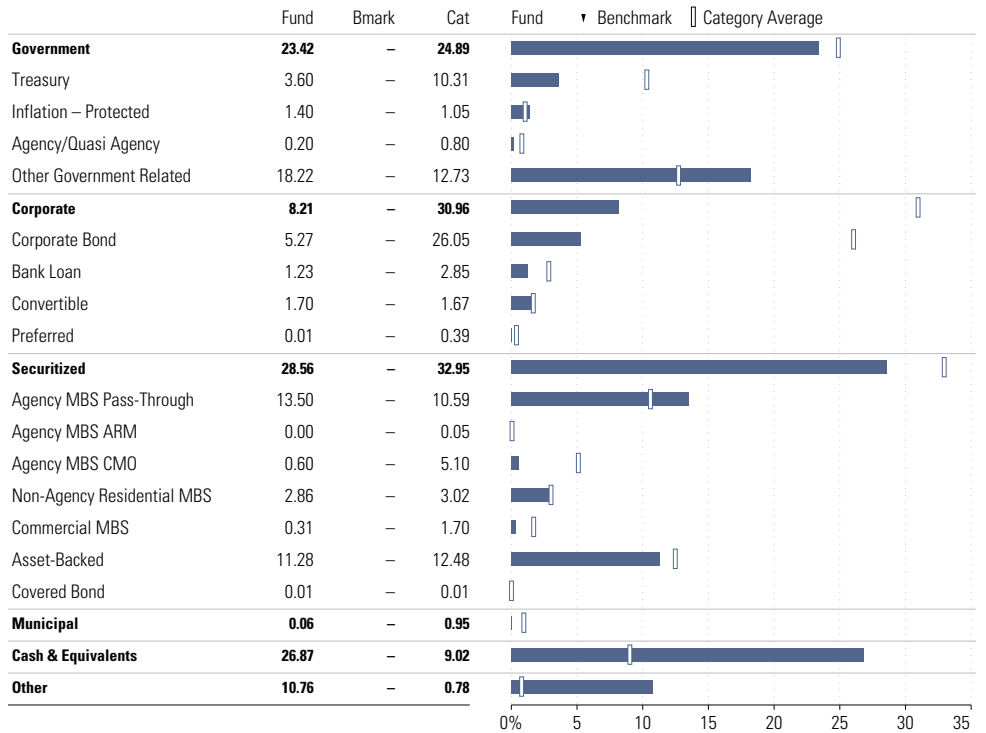


Asset Class	Net %	Cat%
US Stocks	0.71	1.28
Non-US Stocks	0.12	0.53
Bonds	88.14	101.85
Cash	5.60	-4.75
Other	5.43	1.10
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	22.70
AA	7.00	3.23	7.45
A	4.00	10.03	10.93
BBB	14.00	10.89	22.04
BB	6.00	3.19	19.28
B	7.00	3.64	11.34
Below B	6.00	1.38	3.07
Not Rated	0.00	0.00	3.19

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd 3.00000 06/19/19-5y Cme	06-2024	13.62	13.62	-
Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	13.31	26.93	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	12.91	39.84	-
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	12.90	52.74	-
Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.27	65.02	-
⊕ Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.21	77.23	-
⊕ Offset: Unsettled Trades	-	11.19	88.41	-
⊕ 5 Year Treasury Note Future Mar 20	03-2020	9.59	98.00	-
⊕ Federal National Mortgage Association 3%	02-2050	7.98	105.98	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	7.50	113.48	-

Total Holdings 7373

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category
World Bond-USD Hedged

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Andrew Balls since 09-2014
Lorenzo Pagani since 09-2014
Sachin Gupta since 09-2014

Quantitative Screens

✔ **Performance:** The fund has finished in the World Bond-USD Hedged 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 5.52 years.

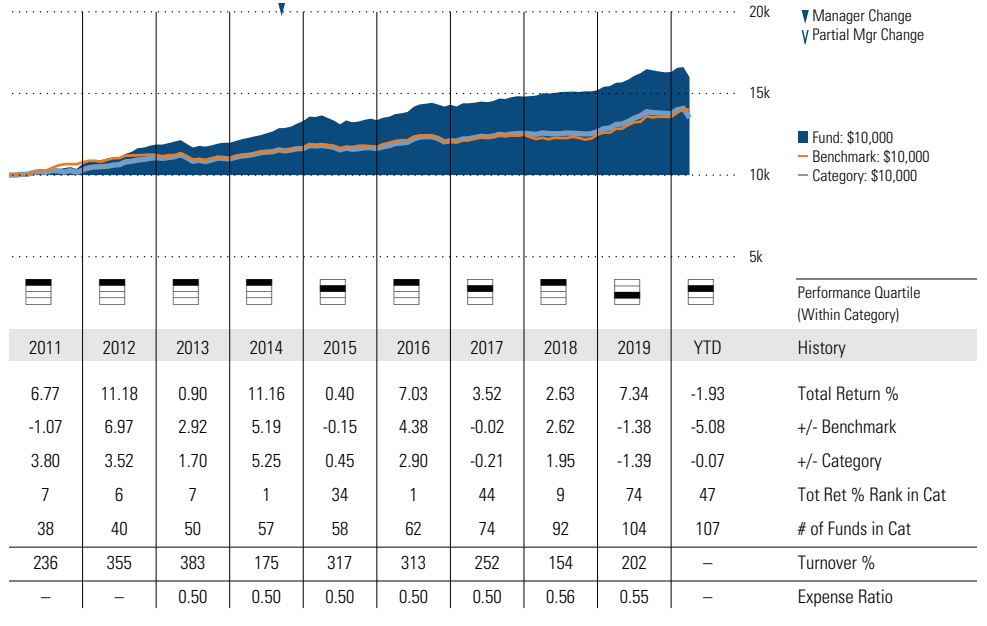
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 26.67% lower than the World Bond-USD Hedged category average.

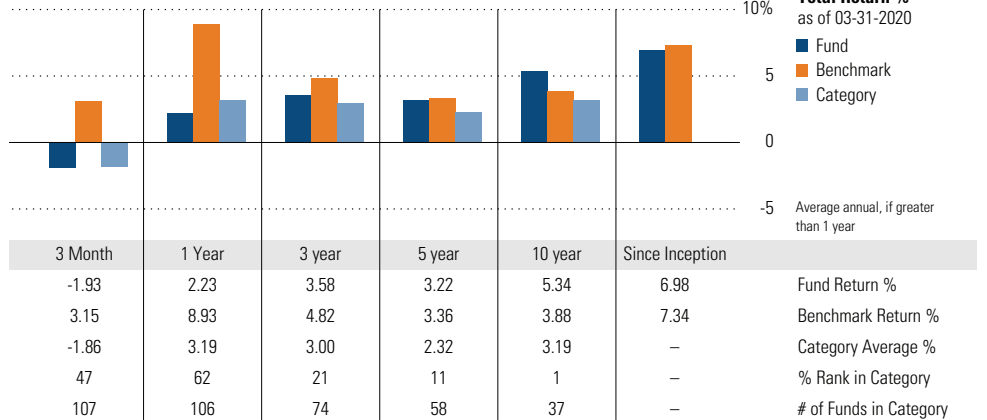
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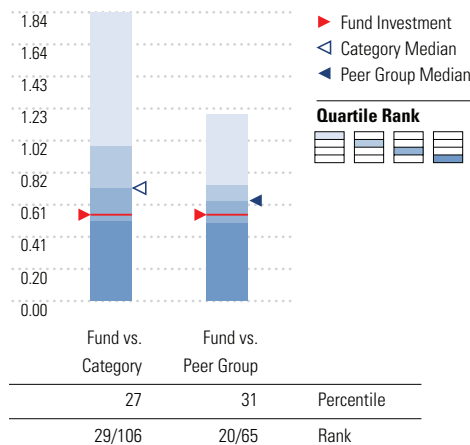
Growth of \$10,000



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	0.95	-	-0.54
Beta	0.55	-	0.74
R-Squared	32.26	-	39.90
Standard Deviation	3.09	3.20	4.01
Sharpe Ratio	0.60	0.96	0.33
Tracking Error	2.93	-	3.38
Information Ratio	-0.42	-	-0.60
Up Capture Ratio	68.04	-	75.75
Down Capture Ratio	53.82	-	106.83

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.96	4.43	-
Avg Eff Maturity	9.23	-	-

PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category
World Bond-USD Hedged

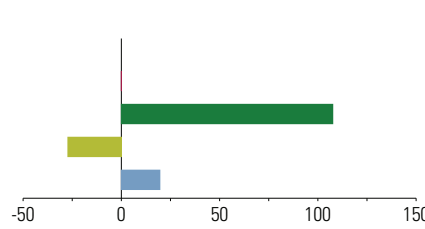
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	-
Non-US Stocks	0.03	-
Bonds	107.57	-
Cash	-27.20	-
Other	19.59	-
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	41.00	3.53	-
AA	24.00	74.59	-
A	8.00	10.82	-
BBB	20.00	8.32	-
BB	3.00	0.28	-
B	1.00	0.00	-
Below B	3.00	0.00	-
Not Rated	0.00	2.46	-

Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Government	34.33	-	-			
Treasury	10.22	-	-			
Inflation – Protected	1.15	-	-			
Agency/Quasi Agency	2.18	-	-			
Other Government Related	20.78	-	-			
Corporate	5.99	-	-			
Corporate Bond	4.55	-	-			
Bank Loan	0.17	-	-			
Convertible	1.27	-	-			
Preferred	0.00	-	-			
Securitized	13.21	-	-			
Agency MBS Pass-Through	8.21	-	-			
Agency MBS ARM	0.00	-	-			
Agency MBS CMO	0.04	-	-			
Non-Agency Residential MBS	0.57	-	-			
Commercial MBS	0.03	-	-			
Asset-Backed	2.44	-	-			
Covered Bond	1.92	-	-			
Municipal	0.03	-	-			
Cash & Equivalents	28.14	-	-			
Other	17.19	-	-			

Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	25.63	25.63	-
⊕ Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	25.63	51.26	-
⊕ Offset: Unsettled Trades	-	24.23	75.49	-
⊕ EUR - USD_Pay	01-2020	18.54	94.03	-
⊕ EUR - USD_Receive	01-2020	17.91	111.94	-
⊕ JAPANESE YEN_Pay	01-2020	14.24	126.18	-
⊕ JAPANESE YEN_Receive	01-2020	14.23	140.41	-
⊕ Federal National Mortgage Association 4%	01-2050	11.06	151.47	-
⊕ Irs Eur -0.50000 03/18/20-5y Lch	03-2025	10.95	162.42	-
⊖ Irs Eur -0.50000 03/18/20-5y Lch	03-2025	10.72	173.14	-

Total Holdings 1706

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category
World Bond-USD Hedged

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Andrew Balls since 09-2014
Lorenzo Pagani since 09-2014
Sachin Gupta since 09-2014

Quantitative Screens

✔ **Performance:** The fund has finished in the World Bond-USD Hedged 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 5.52 years.

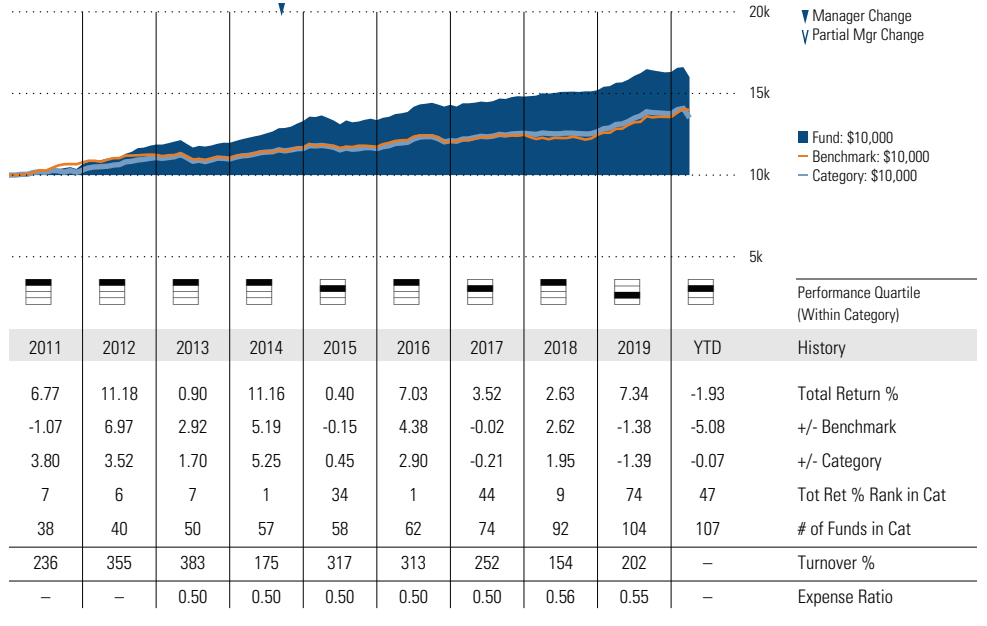
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 26.67% lower than the World Bond-USD Hedged category average.

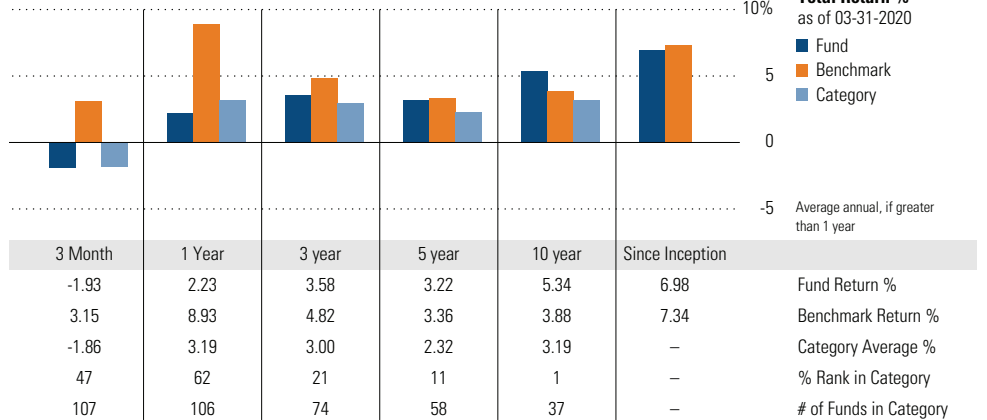
Morningstar Investment Management LLC Analysis

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

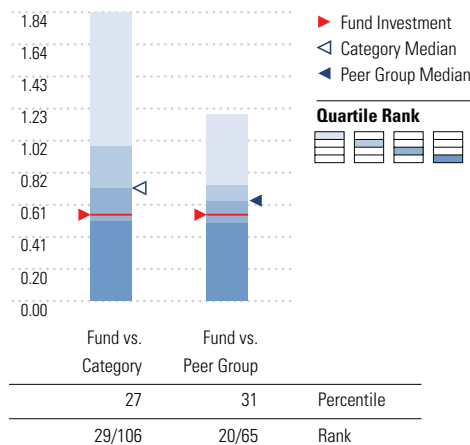
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.95	-	-0.54
Beta	0.55	-	0.74
R-Squared	32.26	-	39.90
Standard Deviation	3.09	3.20	4.01
Sharpe Ratio	0.60	0.96	0.33
Tracking Error	2.93	-	3.38
Information Ratio	-0.42	-	-0.60
Up Capture Ratio	68.04	-	75.75
Down Capture Ratio	53.82	-	106.83

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.96	4.43	-
Avg Eff Maturity	9.23	-	-

PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category
World Bond-USD Hedged

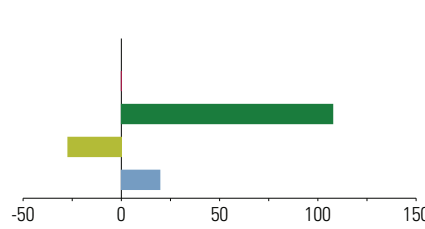
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	-
Non-US Stocks	0.03	-
Bonds	107.57	-
Cash	-27.20	-
Other	19.59	-
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	41.00	3.53	-
AA	24.00	74.59	-
A	8.00	10.82	-
BBB	20.00	8.32	-
BB	3.00	0.28	-
B	1.00	0.00	-
Below B	3.00	0.00	-
Not Rated	0.00	2.46	-

Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Government	34.33	-	-			
Treasury	10.22	-	-			
Inflation – Protected	1.15	-	-			
Agency/Quasi Agency	2.18	-	-			
Other Government Related	20.78	-	-			
Corporate	5.99	-	-			
Corporate Bond	4.55	-	-			
Bank Loan	0.17	-	-			
Convertible	1.27	-	-			
Preferred	0.00	-	-			
Securitized	13.21	-	-			
Agency MBS Pass-Through	8.21	-	-			
Agency MBS ARM	0.00	-	-			
Agency MBS CMO	0.04	-	-			
Non-Agency Residential MBS	0.57	-	-			
Commercial MBS	0.03	-	-			
Asset-Backed	2.44	-	-			
Covered Bond	1.92	-	-			
Municipal	0.03	-	-			
Cash & Equivalents	28.14	-	-			
Other	17.19	-	-			

Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd R 3ml/1ml+9.125 03/18/21-22 Cme	03-2022	25.63	25.63	-
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⊕ Offset: Unsettled Trades	-	24.23	75.49	-
⊕ EUR - USD_Pay	01-2020	18.54	94.03	-
⊕ EUR - USD_Receive	01-2020	17.91	111.94	-
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⊕ JAPANESE YEN_Receive	01-2020	14.23	140.41	-
⊕ Federal National Mortgage Association 4%	01-2050	11.06	151.47	-
⊕ Irs Eur -0.50000 03/18/20-5y Lch	03-2025	10.95	162.42	-
⊖ Irs Eur -0.50000 03/18/20-5y Lch	03-2025	10.72	173.14	-

Total Holdings 1706

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Real Return Instl PRRIX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Portfolio Manager(s)

Stephen Rodosky since 01-2019
Daniel He since 12-2019

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.

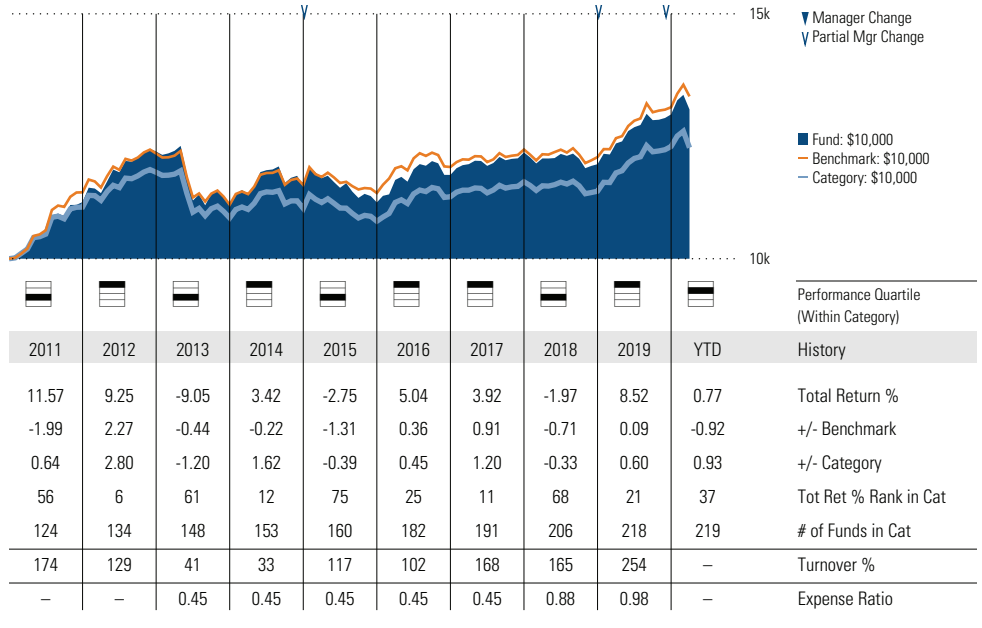
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.98 is 40% higher than the Inflation-Protected Bond category average.

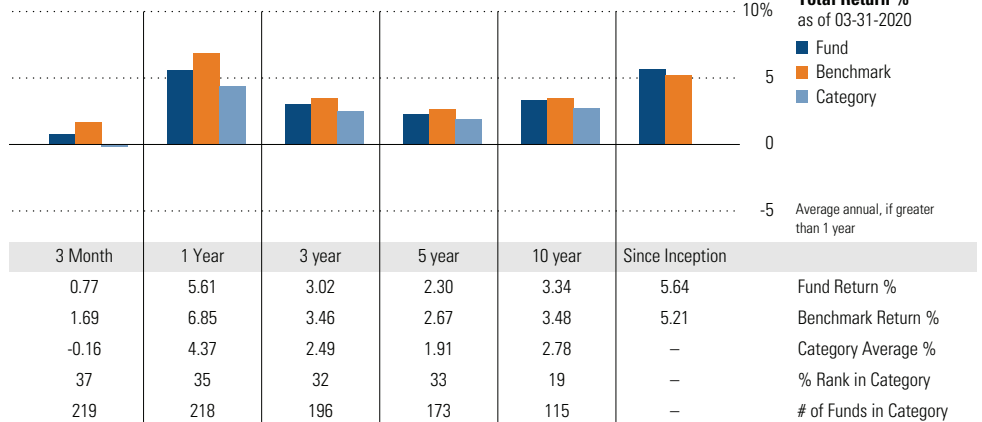
Morningstar Investment Management LLC Analysis

In mid-December 2019, PIMCO announced that longtime lead manager Mihir Worah would be retiring in March of 2020. Although the fund benefits from PIMCO's extensive resources and the current managers are experienced (but new to the team) we believe the fund merits watch status while we closely monitor its results after Worah's departure. This fund fails our expense screen. However, that is due to reporting requirements concerning costs that are incurred by executing the strategy and are already reflected in the fund's pre-expense returns. Based on previous calculation rules, the fund's expenses are comparable with other offerings in its share class.

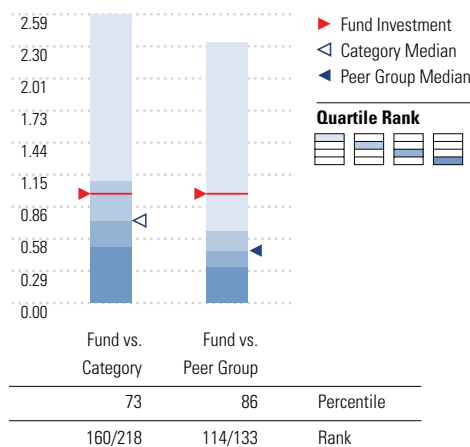
Growth of \$10,000



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	-0.29	-	-0.93
Beta	0.96	-	0.86
R-Squared	94.60	-	76.84
Standard Deviation	3.40	3.44	3.60
Sharpe Ratio	0.39	0.51	0.11
Tracking Error	0.80	-	1.92
Information Ratio	-0.55	-	-0.90
Up Capture Ratio	92.75	-	76.99
Down Capture Ratio	98.31	-	96.64

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.81	4.52	6.80
Avg Eff Maturity	7.81	-	7.67

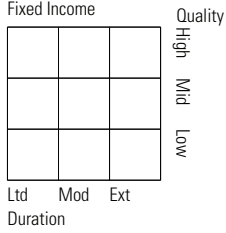
PIMCO Real Return Instl PRRIX

Morningstar Category
Inflation-Protected Bond

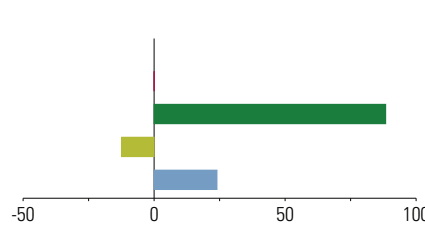
Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020

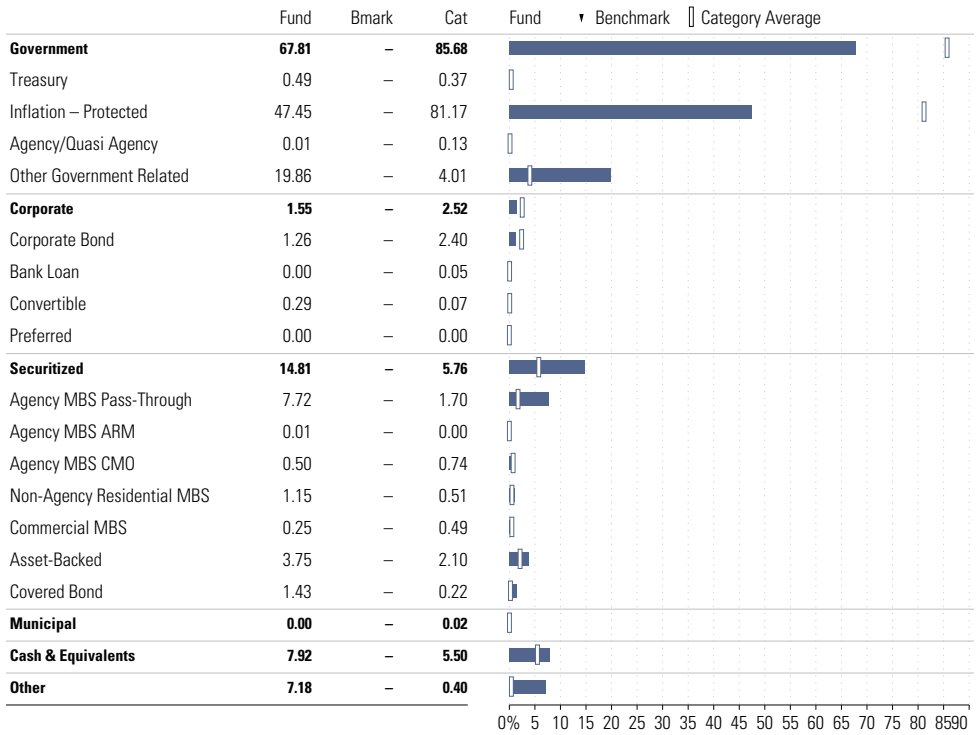


Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.04	0.01
Bonds	88.38	96.97
Cash	-12.40	2.11
Other	23.99	0.93
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	49.00	0.00	93.81
AA	32.00	99.60	0.30
A	9.00	0.00	1.87
BBB	7.00	0.00	2.12
BB	1.00	0.00	0.37
B	1.00	0.00	0.08
Below B	1.00	0.00	0.02
Not Rated	0.00	0.40	1.43

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Fin Fut Euro-Schatz 2yr Eux 03/06/20	03-2020	18.45	18.45	-
⊖ Offset: Unsettled Trades	-	12.00	30.45	-
⊕ United States Treasury Bonds 3.62%	04-2028	7.79	38.24	-
⊕ Federal National Mortgage Association 4%	01-2050	7.13	45.37	-
⊕ United States Treasury Bonds 2.38%	01-2025	6.48	51.85	-
⊕ United States Treasury Notes 0.62%	01-2026	6.45	58.30	-
⊕ United States Treasury Bonds 1.38%	02-2044	5.59	63.89	-
⊕ Fin Fut Eur-Bund 10yr Eux 03/06/20	03-2020	5.14	69.03	-
⊕ Fin Fut Eux Short Euro-Btp 03/06/20	03-2020	5.13	74.16	-
✱ CashOffSet	-	4.85	79.01	-

Total Holdings 1000

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Real Return Instl PRRIX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Portfolio Manager(s)

Stephen Rodosky since 01-2019
Daniel He since 12-2019

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.

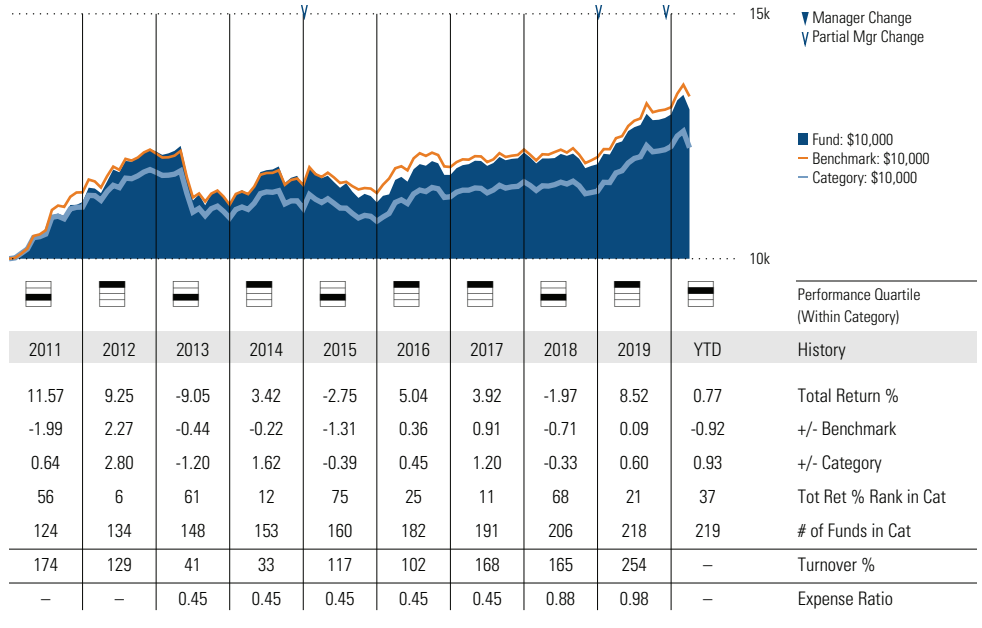
Style Consistency is not calculated for Fixed Income funds.

✘ **Net Expense:** The fund's expense ratio of 0.98 is 40% higher than the Inflation-Protected Bond category average.

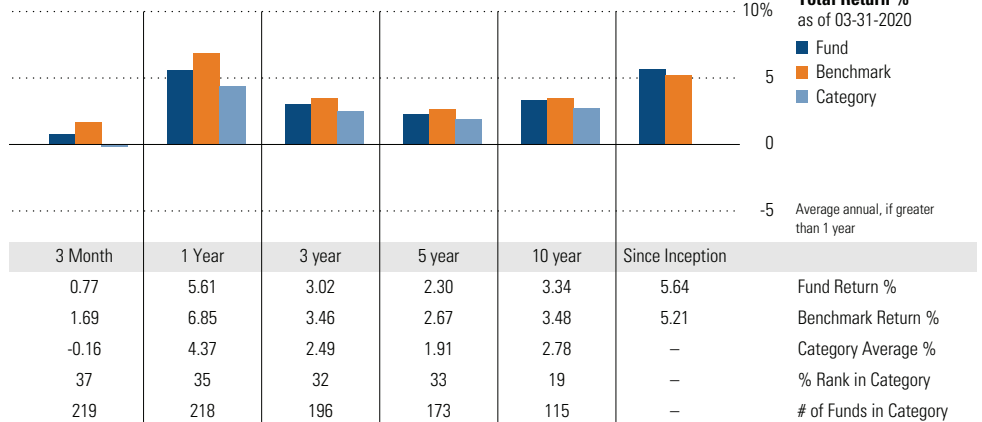
Morningstar Investment Management LLC Analysis

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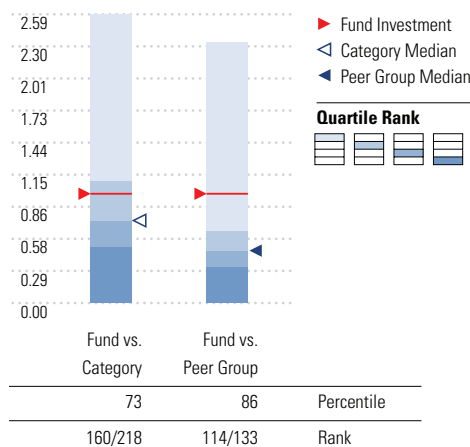
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.29	-	-0.93
Beta	0.96	-	0.86
R-Squared	94.60	-	76.84
Standard Deviation	3.40	3.44	3.60
Sharpe Ratio	0.39	0.51	0.11
Tracking Error	0.80	-	1.92
Information Ratio	-0.55	-	-0.90
Up Capture Ratio	92.75	-	76.99
Down Capture Ratio	98.31	-	96.64

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.81	4.52	6.80
Avg Eff Maturity	7.81	-	7.67

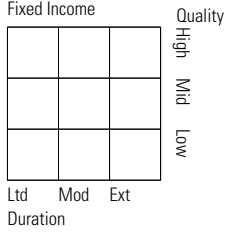
PIMCO Real Return Instl PRRIX

Morningstar Category
Inflation-Protected Bond

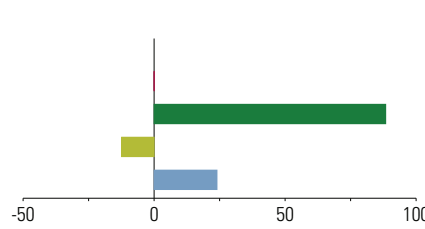
Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020

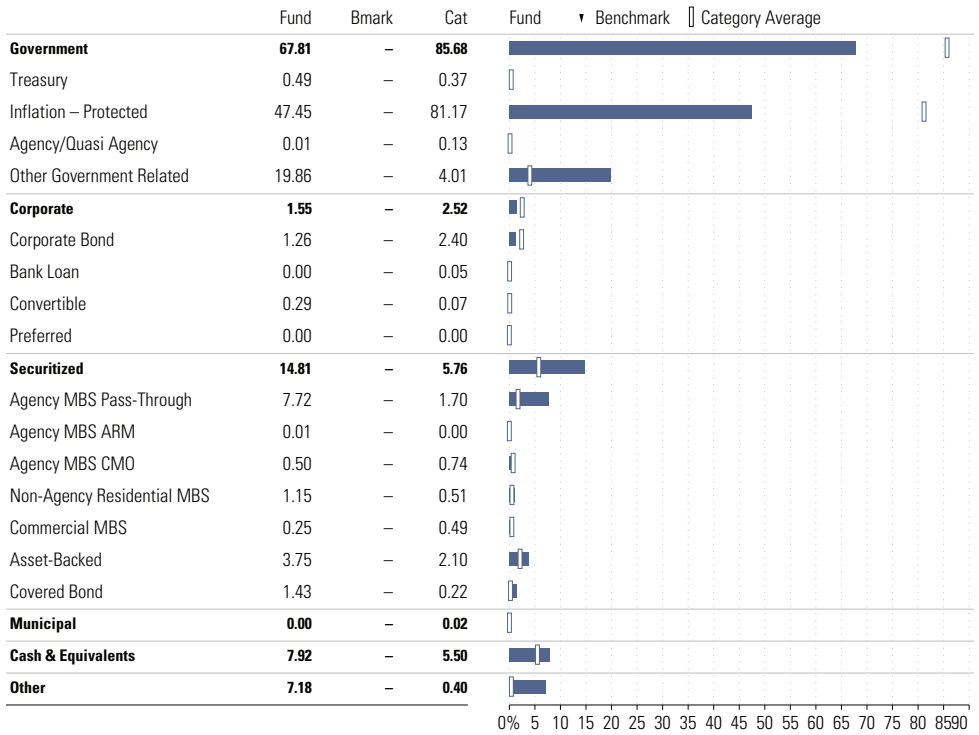


Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.04	0.01
Bonds	88.38	96.97
Cash	-12.40	2.11
Other	23.99	0.93
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	49.00	0.00	93.81
AA	32.00	99.60	0.30
A	9.00	0.00	1.87
BBB	7.00	0.00	2.12
BB	1.00	0.00	0.37
B	1.00	0.00	0.08
Below B	1.00	0.00	0.02
Not Rated	0.00	0.40	1.43

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Fin Fut Euro-Schatz 2yr Eux 03/06/20	03-2020	18.45	18.45	-
⊖ Offset: Unsettled Trades	-	12.00	30.45	-
⊕ United States Treasury Bonds 3.62%	04-2028	7.79	38.24	-
⊕ Federal National Mortgage Association 4%	01-2050	7.13	45.37	-
⊕ United States Treasury Bonds 2.38%	01-2025	6.48	51.85	-
⊕ United States Treasury Notes 0.62%	01-2026	6.45	58.30	-
⊕ United States Treasury Bonds 1.38%	02-2044	5.59	63.89	-
⊕ Fin Fut Eur-Bund 10yr Eux 03/06/20	03-2020	5.14	69.03	-
⊕ Fin Fut Eux Short Euro-Btp 03/06/20	03-2020	5.13	74.16	-
✱ CashOffSet	-	4.85	79.01	-

Total Holdings 1000

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

Morningstar Index
BBgBarc 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 10 of the 10 years it's been in existence.

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

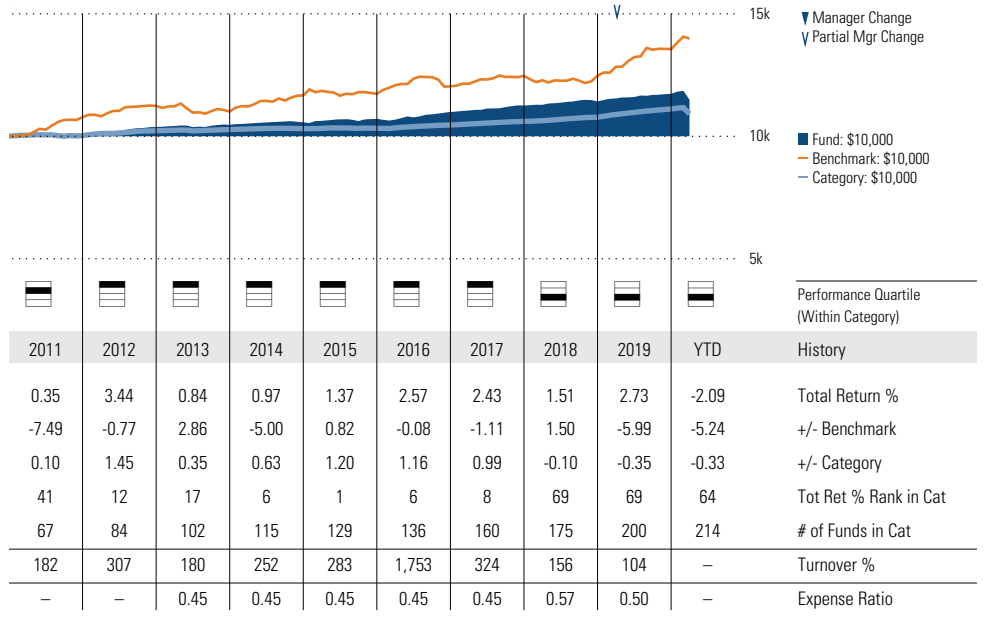
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.5 is 8.7% higher than the Ultrashort Bond category average.

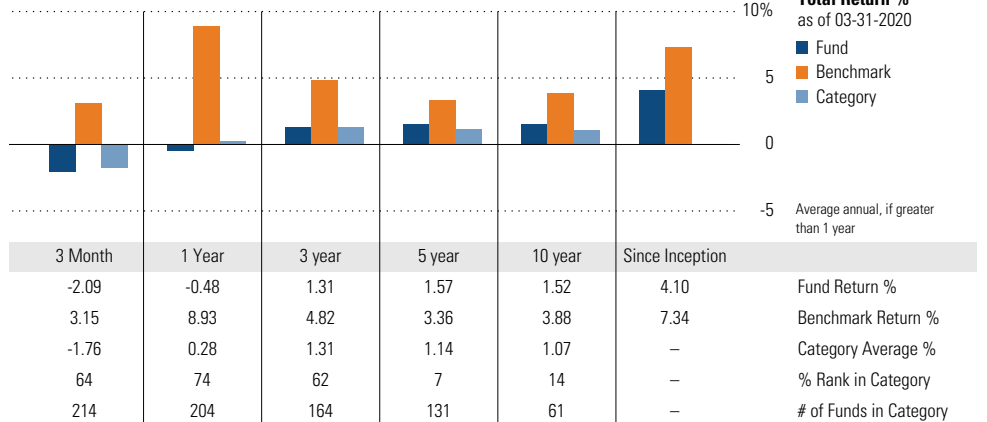
Morningstar Investment Management LLC Analysis

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.

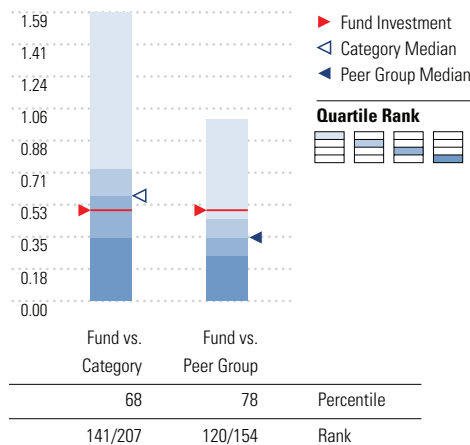
Growth of \$10,000



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	1.14	-	0.65
Beta	0.04	-	0.12
R-Squared	0.34	-	9.71
Standard Deviation	2.06	3.20	1.60
Sharpe Ratio	-0.21	0.96	-0.35
Tracking Error	3.70	-	3.34
Information Ratio	-0.95	-	-1.08
Up Capture Ratio	16.02	-	20.90
Down Capture Ratio	-9.16	-	10.17

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.97	4.43	0.87
Avg Eff Maturity	0.67	-	1.41

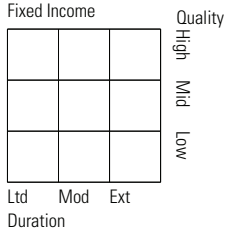
PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

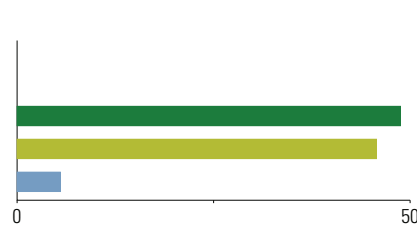
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	48.77	70.50
Cash	45.72	26.95
Other	5.50	2.56
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	28.00	3.53	56.93
AA	9.00	74.59	7.29
A	29.00	10.82	16.98
BBB	25.00	8.32	12.33
BB	7.00	0.28	1.33
B	2.00	0.00	0.01
Below B	0.00	0.00	0.38
Not Rated	0.00	2.46	4.75

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 90 Day Eurodollar Future Dec20	12-2020	63.93	63.93	-
✱ CashOffSet	-	44.03	107.96	-
⊕ 2 Year Treasury Note Future Mar 20	03-2020	31.56	139.53	-
⊖ Offset: Unsettled Trades	-	11.56	151.09	-
⊕ Pimco Fds	08-2020	9.20	160.29	-
⊕ Federal National Mortgage Association 4%	01-2050	8.53	168.82	-
⊕ 5 Year Treasury Note Future Mar 20	03-2020	6.04	174.85	-
Irs Usd 2.76700 02/13/19-1y (Wht) Cme	02-2020	5.85	180.71	-
⊕ Irs Usd 2.76700 02/13/19-1y (Wht) Cme	02-2020	5.85	186.55	-
Irs Usd 2.00000 12/10/19-10y Cme	12-2029	5.83	192.38	-

Total Holdings 1373

⊕ Increase ⊖ Decrease ✱ New to Portfolio

PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

Morningstar Index
BBgBarc 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 10 of the 10 years it's been in existence.

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

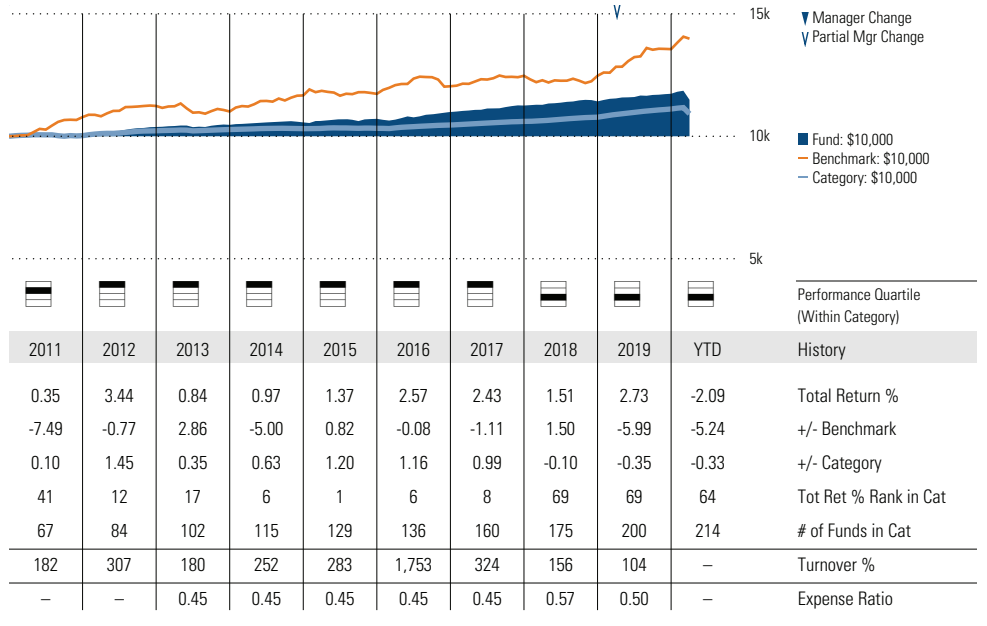
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.5 is 8.7% higher than the Ultrashort Bond category average.

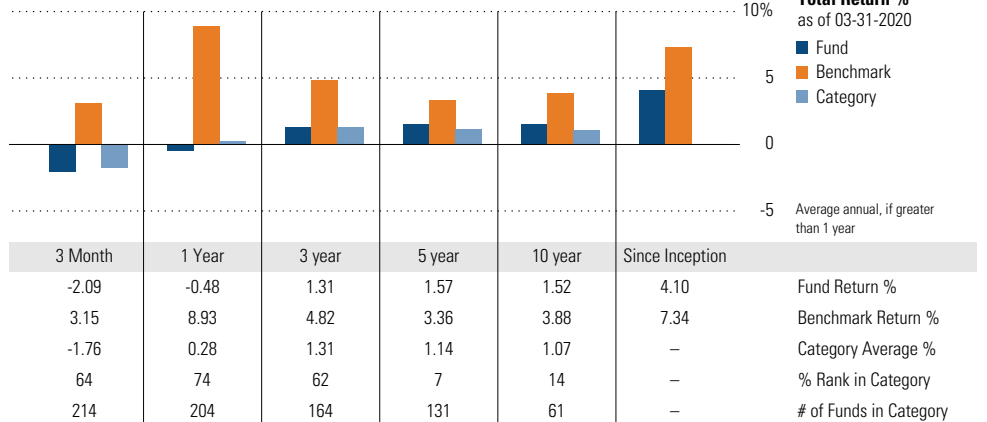
Morningstar Investment Management LLC Analysis

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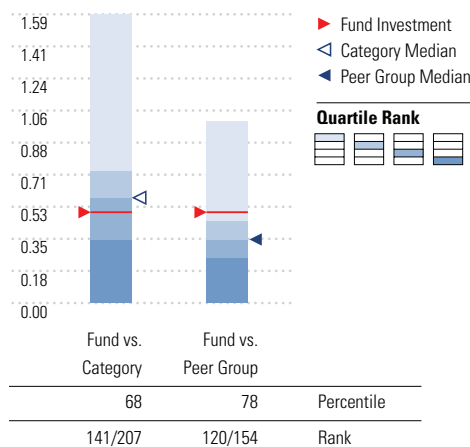
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.14	-	0.65
Beta	0.04	-	0.12
R-Squared	0.34	-	9.71
Standard Deviation	2.06	3.20	1.60
Sharpe Ratio	-0.21	0.96	-0.35
Tracking Error	3.70	-	3.34
Information Ratio	-0.95	-	-1.08
Up Capture Ratio	16.02	-	20.90
Down Capture Ratio	-9.16	-	10.17

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.97	4.43	0.87
Avg Eff Maturity	0.67	-	1.41

PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	48.77	70.50
Cash	45.72	26.95
Other	5.50	2.56
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	28.00	3.53	56.93
AA	9.00	74.59	7.29
A	29.00	10.82	16.98
BBB	25.00	8.32	12.33
BB	7.00	0.28	1.33
B	2.00	0.00	0.01
Below B	0.00	0.00	0.38
Not Rated	0.00	2.46	4.75

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 90 Day Eurodollar Future Dec20	12-2020	63.93	63.93	-
✱ CashOffSet	-	44.03	107.96	-
⊕ 2 Year Treasury Note Future Mar 20	03-2020	31.56	139.53	-
⊖ Offset: Unsettled Trades	-	11.56	151.09	-
⊕ Pimco Fds	08-2020	9.20	160.29	-
⊕ Federal National Mortgage Association 4%	01-2050	8.53	168.82	-
⊕ 5 Year Treasury Note Future Mar 20	03-2020	6.04	174.85	-
Irs Usd 2.76700 02/13/19-1y (Wht) Cme	02-2020	5.85	180.71	-
⊕ Irs Usd 2.76700 02/13/19-1y (Wht) Cme	02-2020	5.85	186.55	-
Irs Usd 2.00000 12/10/19-10y Cme	12-2029	5.83	192.38	-

Total Holdings 1373

⊕ Increase ⊖ Decrease ✱ New to Portfolio

T. Rowe Price Retirement I 2010 I TRPAX

Morningstar Category
Target-Date 2000-2010

Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

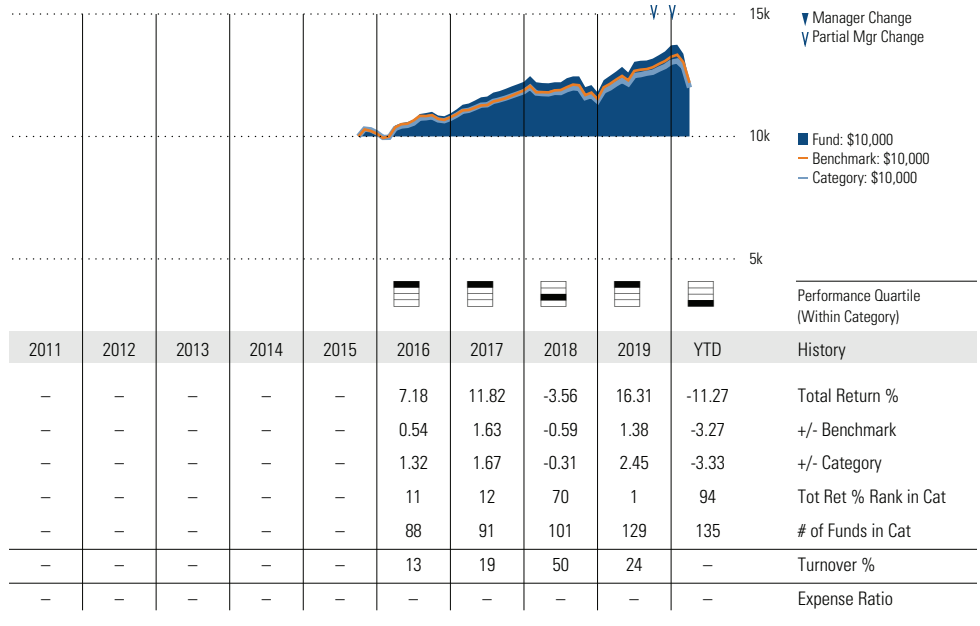
Quantitative Screens

- Performance:** The fund has finished in the Target-Date 2000-2010 category's top three quartiles in 4 of the 4 years it's been in existence.
- Management:** The fund's management has been in place for 4.51 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 40.32% lower than the Target-Date 2000-2010 category average.

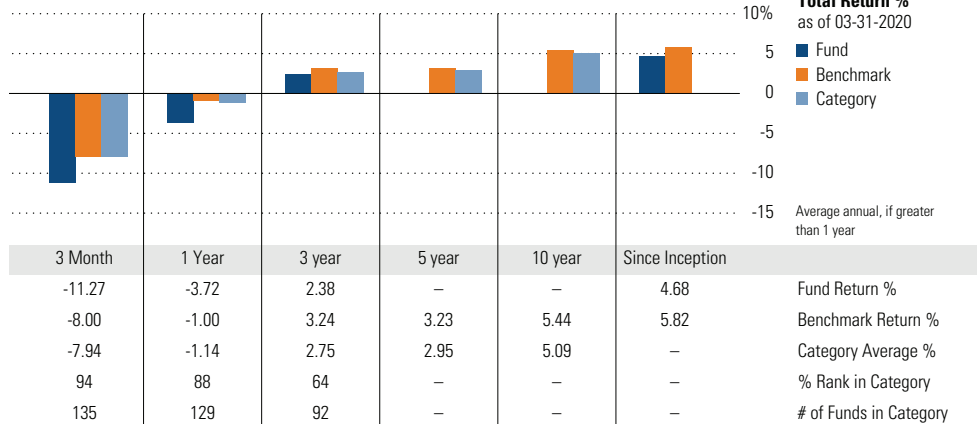
Morningstar Investment Management LLC Analysis

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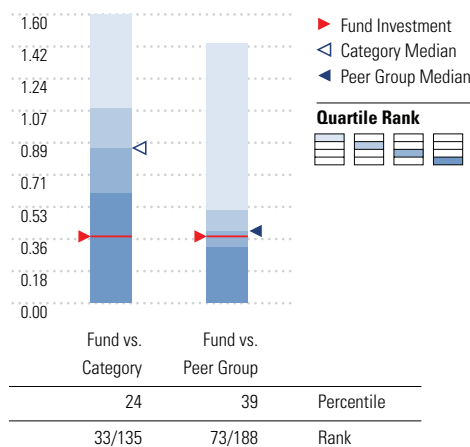
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.41	-	-0.62
Beta	1.20	-	0.97
R-Squared	97.51	-	96.71
Standard Deviation	7.59	6.26	6.20
Sharpe Ratio	0.12	0.26	0.17
Tracking Error	1.72	-	1.39
Information Ratio	-0.50	-	-0.54
Up Capture Ratio	103.85	-	90.60
Down Capture Ratio	119.14	-	97.22

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.34	14.55	14.04
Price/Book Ratio	2.00	1.67	1.69
Avg Eff Duration	5.61	6.91	4.97

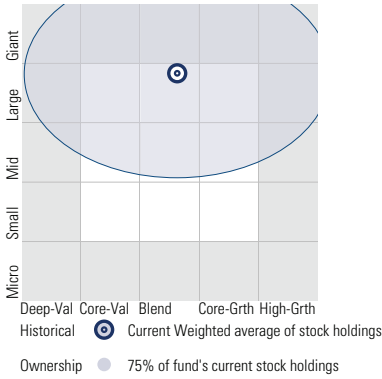
T. Rowe Price Retirement I 2010 I TRPAX

Morningstar Category
Target-Date 2000-2010

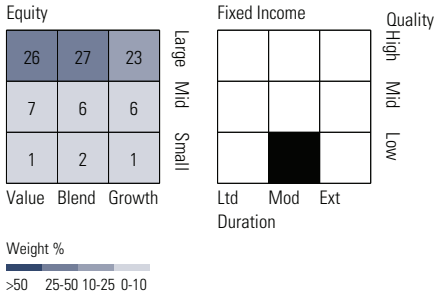
Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

Style Analysis as of 03-31-2020

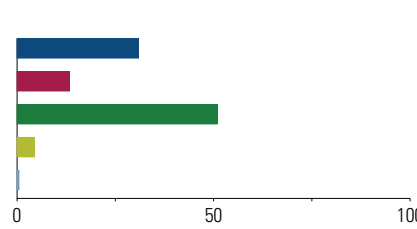
Morningstar Style Box™



Style Breakdown

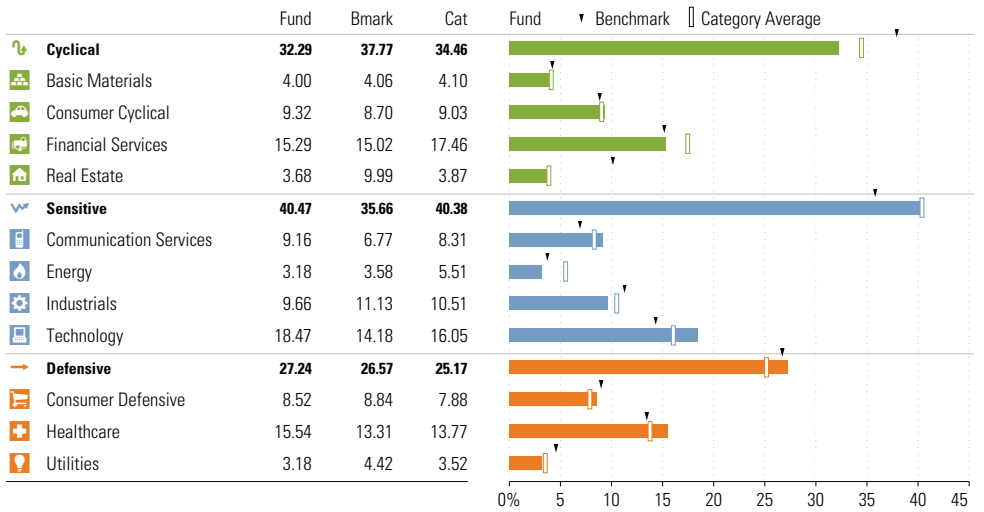


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	30.88	22.19
Non-US Stocks	13.32	12.70
Bonds	50.99	55.09
Cash	4.34	8.01
Other	0.46	2.01
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	—	25.13	25.13	—	—
⊖ T. Rowe Price New Income I	—	17.48	42.61	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd I	—	15.41	58.02	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) I	—	6.00	64.02	—	—
⊖ T. Rowe Price Emerging Markets Bond I	—	4.40	68.41	—	—
⊖ T. Rowe Price Dynamic Global Bond I	—	3.98	72.39	—	—
⊕ T. Rowe Price International Value Eq I	—	3.64	76.03	—	—
⊖ T. Rowe Price High Yield I	—	3.61	79.64	—	—
⊕ T. Rowe Price Overseas Stock I	—	3.32	82.96	—	—
⊕ T. Rowe Price International Stock I	—	3.22	86.18	—	—

Total Holdings 20

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2010 I TRPAX

Morningstar Category
Target-Date 2000-2010

Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.51 years.

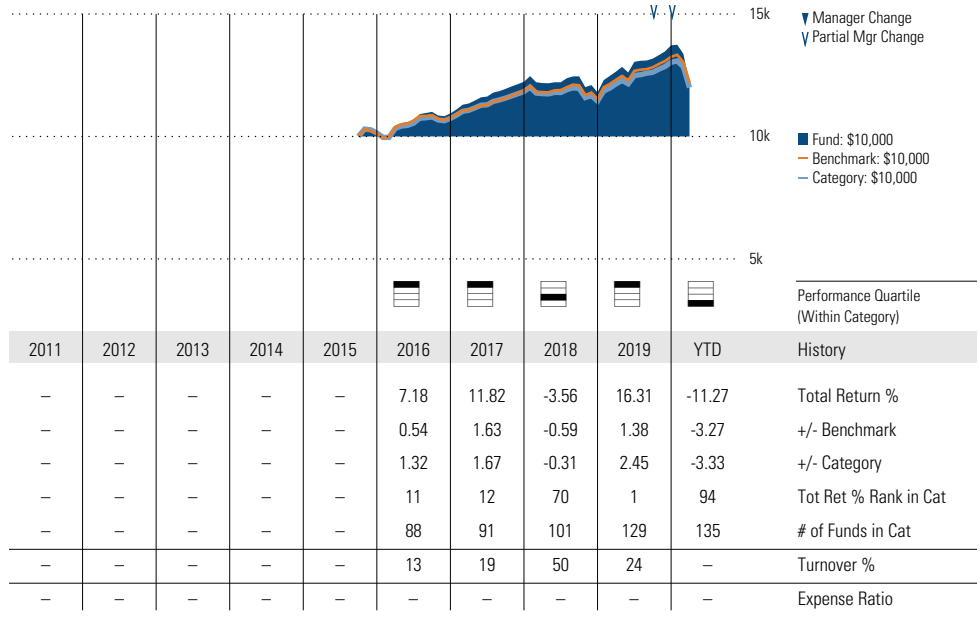
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.37 is 40.32% lower than the Target-Date 2000-2010 category average.

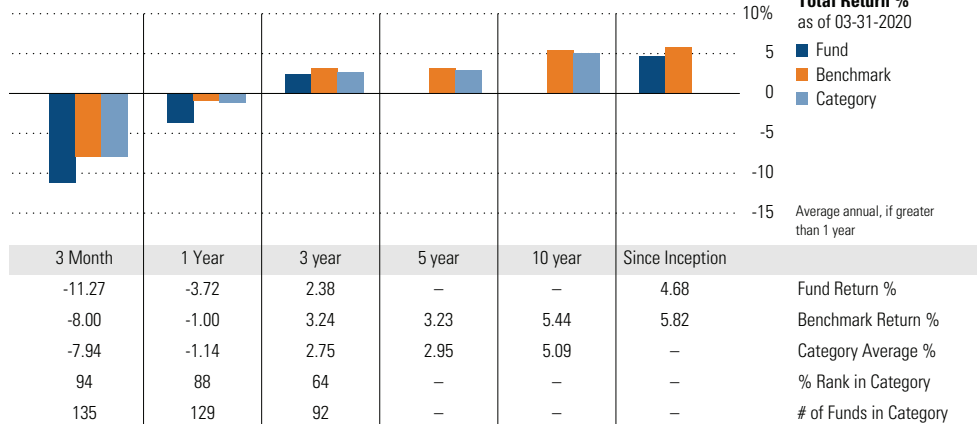
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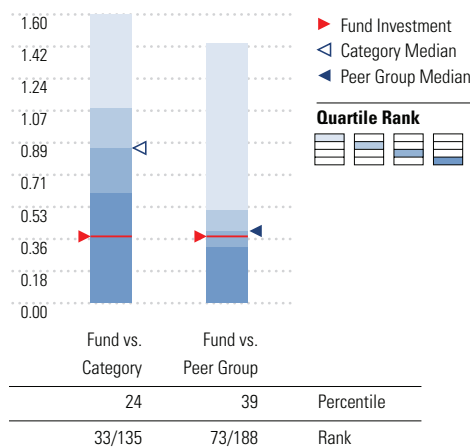
Growth of \$10,000



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	-1.41	-	-0.62
Beta	1.20	-	0.97
R-Squared	97.51	-	96.71
Standard Deviation	7.59	6.26	6.20
Sharpe Ratio	0.12	0.26	0.17
Tracking Error	1.72	-	1.39
Information Ratio	-0.50	-	-0.54
Up Capture Ratio	103.85	-	90.60
Down Capture Ratio	119.14	-	97.22

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.34	14.55	14.04
Price/Book Ratio	2.00	1.67	1.69
Avg Eff Duration	5.61	6.91	4.97

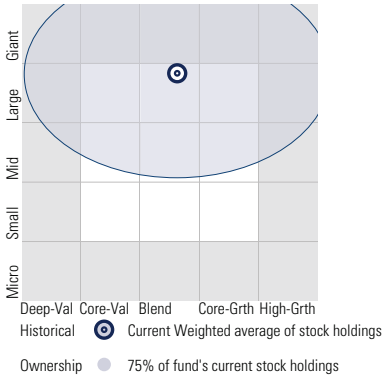
T. Rowe Price Retirement I 2010 I TRPAX

Morningstar Category
Target-Date 2000-2010

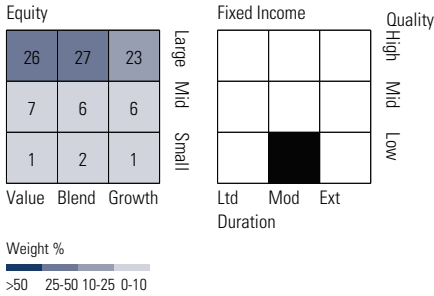
Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

Style Analysis as of 03-31-2020

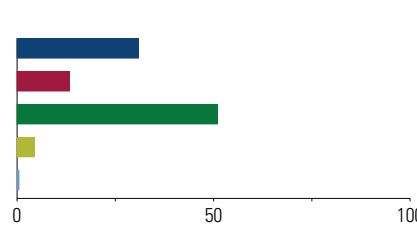
Morningstar Style Box™



Style Breakdown

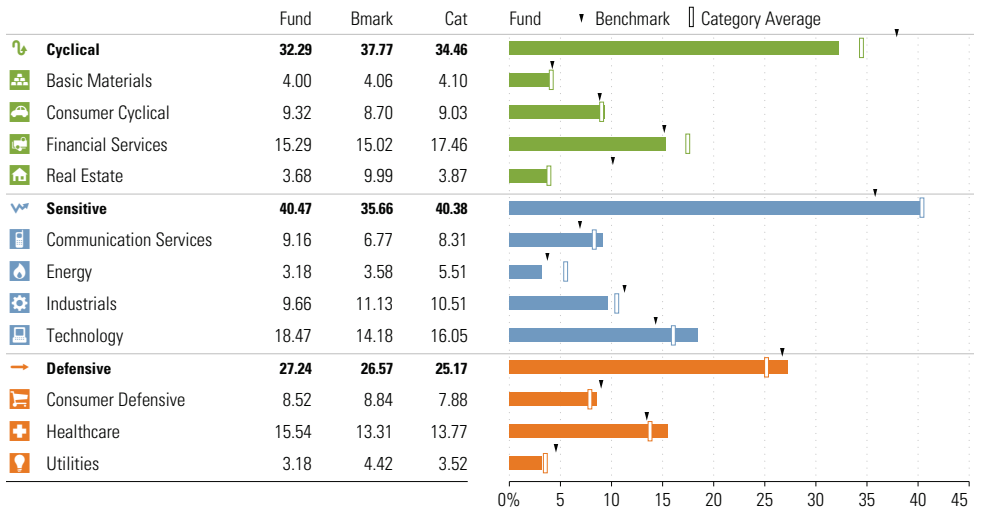


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	30.88	22.19
Non-US Stocks	13.32	12.70
Bonds	50.99	55.09
Cash	4.34	8.01
Other	0.46	2.01
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	—	25.13	25.13	—	—
⊖ T. Rowe Price New Income I	—	17.48	42.61	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd I	—	15.41	58.02	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) I	—	6.00	64.02	—	—
⊖ T. Rowe Price Emerging Markets Bond I	—	4.40	68.41	—	—
⊖ T. Rowe Price Dynamic Global Bond I	—	3.98	72.39	—	—
⊕ T. Rowe Price International Value Eq I	—	3.64	76.03	—	—
⊖ T. Rowe Price High Yield I	—	3.61	79.64	—	—
⊕ T. Rowe Price Overseas Stock I	—	3.32	82.96	—	—
⊕ T. Rowe Price International Stock I	—	3.22	86.18	—	—

Total Holdings 20

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2015 I TRFGX

Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.51 years.

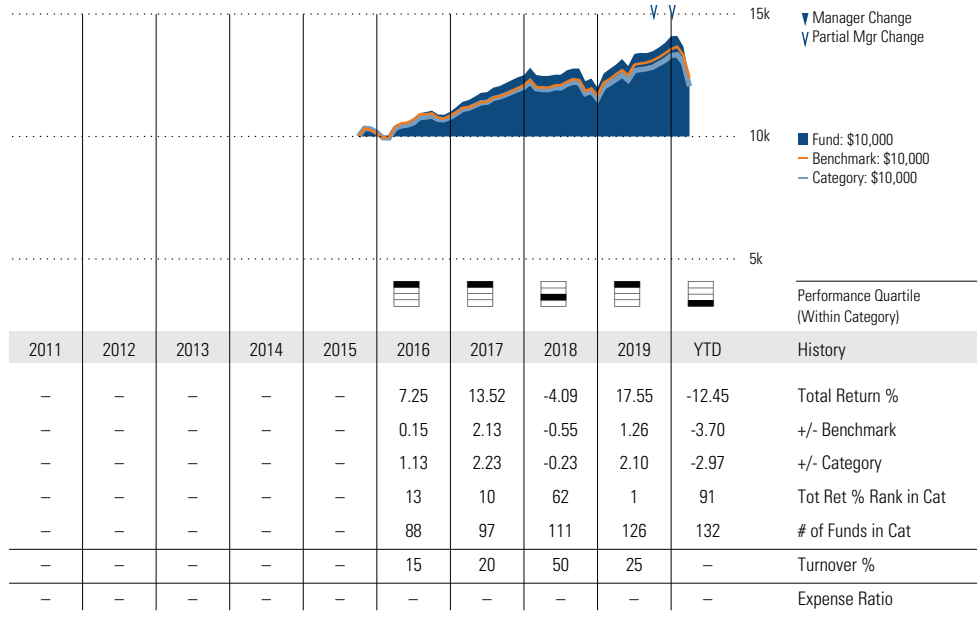
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.4 is 40.3% lower than the Target-Date 2015 category average.

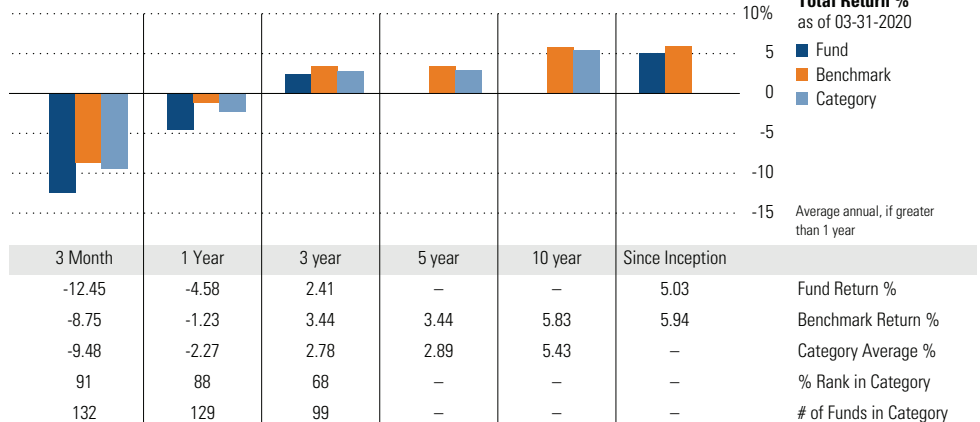
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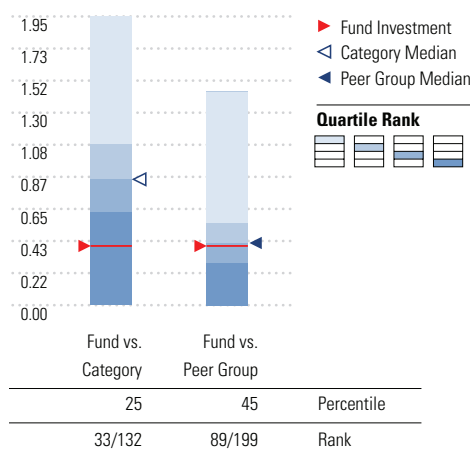
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.64	-	-0.93
Beta	1.21	-	1.01
R-Squared	97.70	-	97.35
Standard Deviation	8.46	6.90	7.05
Sharpe Ratio	0.12	0.27	0.15
Tracking Error	1.95	-	1.35
Information Ratio	-0.53	-	-0.71
Up Capture Ratio	104.80	-	93.00
Down Capture Ratio	121.27	-	102.79

Portfolio Metrics

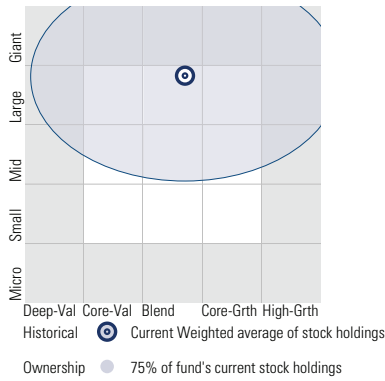
	Fund	Bmark	Cat
Price/Earnings Ratio	16.47	14.47	14.15
Price/Book Ratio	1.99	1.65	1.68
Avg Eff Duration	5.81	8.22	5.17

T. Rowe Price Retirement I 2015 I TRFGX

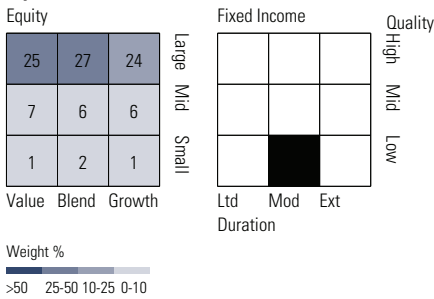
Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

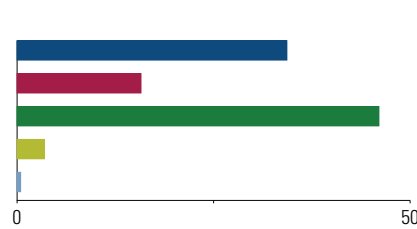
Style Analysis as of 03-31-2020
Morningstar Style Box™



Style Breakdown

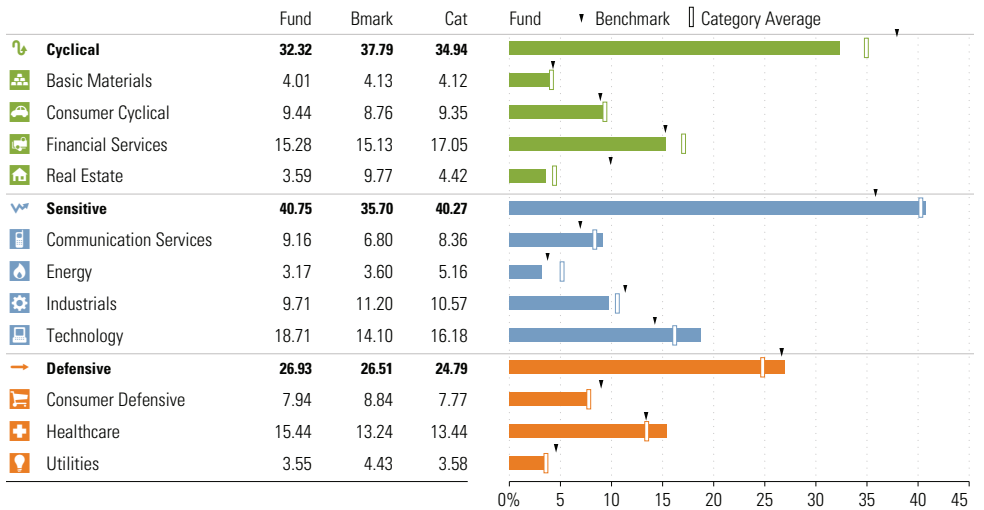


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	34.32	25.55
Non-US Stocks	15.76	14.57
Bonds	46.03	50.74
Cash	3.45	5.64
Other	0.45	3.49
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	-	22.48	22.48	-	-
⊖ T. Rowe Price New Income I	-	16.22	38.70	-	-
⊖ T. Rowe Price Ltd Dur Infl Focus Bd I	-	12.85	51.55	-	-
⊖ T. Rowe Price Intl Bd (USD Hdgd) I	-	5.56	57.11	-	-
⊕ T. Rowe Price International Value Eq I	-	4.10	61.21	-	-
⊖ T. Rowe Price Emerging Markets Bond I	-	3.92	65.13	-	-
⊕ T. Rowe Price Overseas Stock I	-	3.88	69.01	-	-
⊕ T. Rowe Price International Stock I	-	3.68	72.69	-	-
⊖ T. Rowe Price Dynamic Global Bond I	-	3.65	76.34	-	-
⊖ T. Rowe Price High Yield I	-	3.30	79.63	-	-

Total Holdings 22

⊕ 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)

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Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

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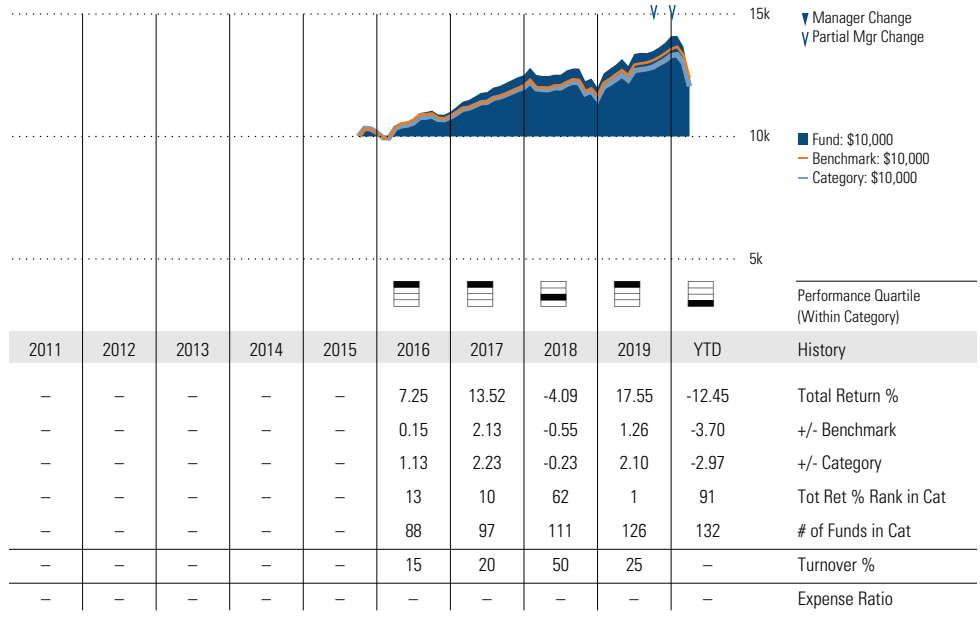
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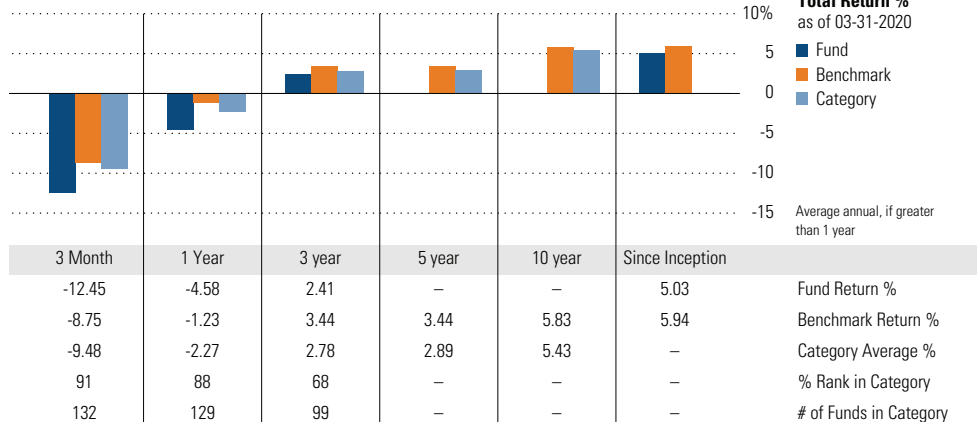
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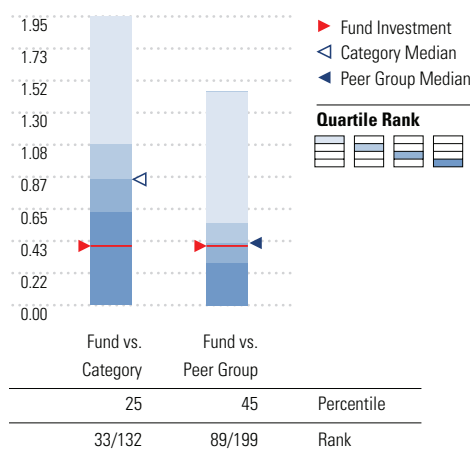
Growth of \$10,000



Trailing Performance



Net Expense



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3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.64	-	-0.93
Beta	1.21	-	1.01
R-Squared	97.70	-	97.35
Standard Deviation	8.46	6.90	7.05
Sharpe Ratio	0.12	0.27	0.15
Tracking Error	1.95	-	1.35
Information Ratio	-0.53	-	-0.71
Up Capture Ratio	104.80	-	93.00
Down Capture Ratio	121.27	-	102.79

Portfolio Metrics

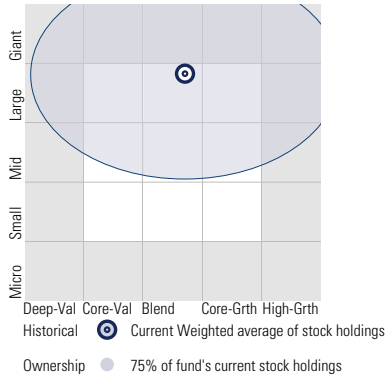
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.47	14.47	14.15
Price/Book Ratio	1.99	1.65	1.68
Avg Eff Duration	5.81	8.22	5.17

T. Rowe Price Retirement I 2015 I TRFGX

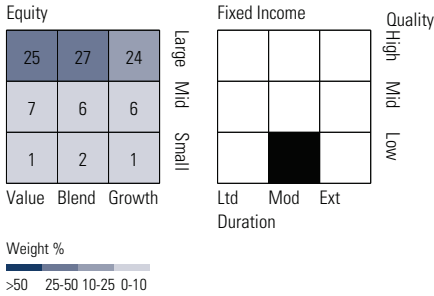
Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

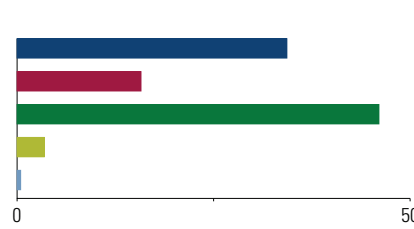
Style Analysis as of 03-31-2020
Morningstar Style Box™



Style Breakdown

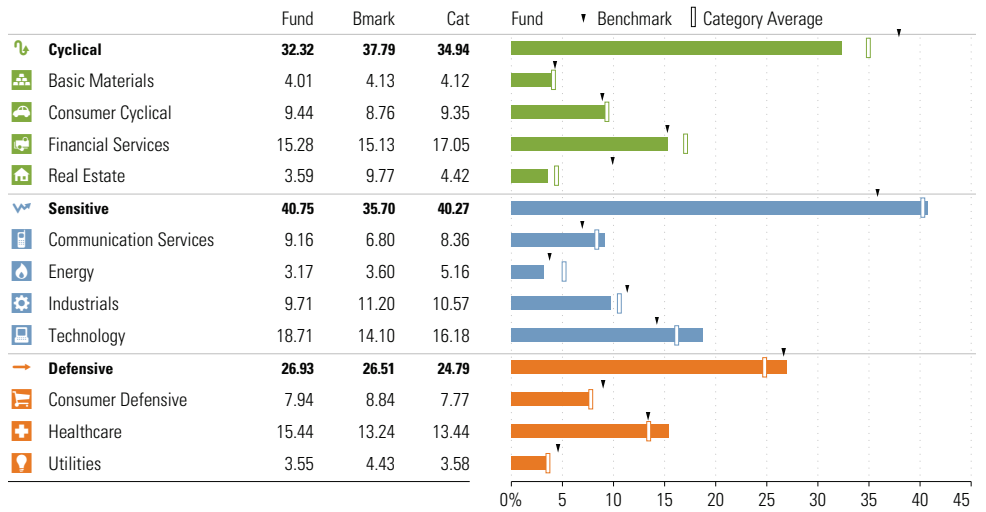


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	34.32	25.55
Non-US Stocks	15.76	14.57
Bonds	46.03	50.74
Cash	3.45	5.64
Other	0.45	3.49
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	-	22.48	22.48	-	-
⊖ T. Rowe Price New Income I	-	16.22	38.70	-	-
⊖ T. Rowe Price Ltd Dur Infl Focus Bd I	-	12.85	51.55	-	-
⊖ T. Rowe Price Intl Bd (USD Hdgd) I	-	5.56	57.11	-	-
⊕ T. Rowe Price International Value Eq I	-	4.10	61.21	-	-
⊖ T. Rowe Price Emerging Markets Bond I	-	3.92	65.13	-	-
⊕ T. Rowe Price Overseas Stock I	-	3.88	69.01	-	-
⊕ T. Rowe Price International Stock I	-	3.68	72.69	-	-
⊖ T. Rowe Price Dynamic Global Bond I	-	3.65	76.34	-	-
⊖ T. Rowe Price High Yield I	-	3.30	79.63	-	-

Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2020 I TRBRX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.51 years.

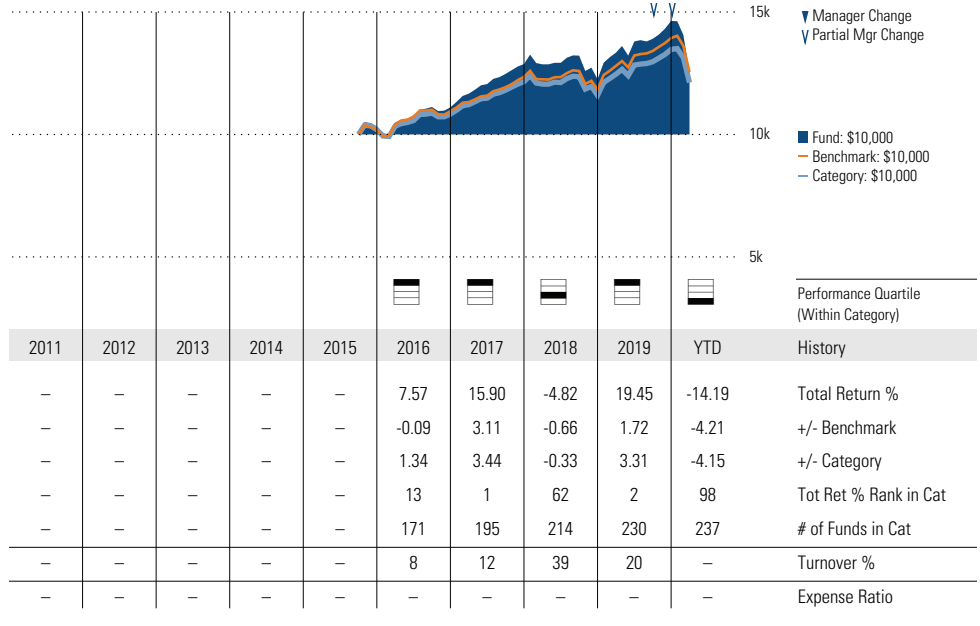
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.43 is 41.89% lower than the Target-Date 2020 category average.

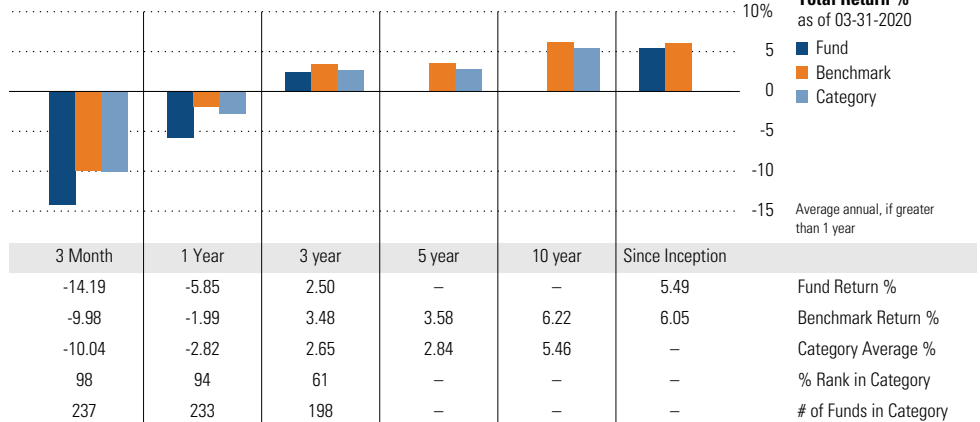
Morningstar Investment Management LLC Analysis

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

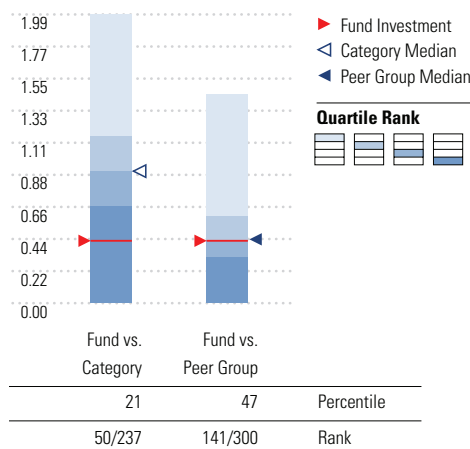
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.68	-	-0.81
Beta	1.24	-	0.94
R-Squared	98.05	-	95.73
Standard Deviation	9.67	7.72	7.38
Sharpe Ratio	0.12	0.26	0.12
Tracking Error	2.30	-	1.75
Information Ratio	-0.43	-	-0.67
Up Capture Ratio	110.67	-	88.03
Down Capture Ratio	126.96	-	95.97

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.54	14.39	14.99
Price/Book Ratio	1.98	1.64	1.81
Avg Eff Duration	5.98	9.28	5.23

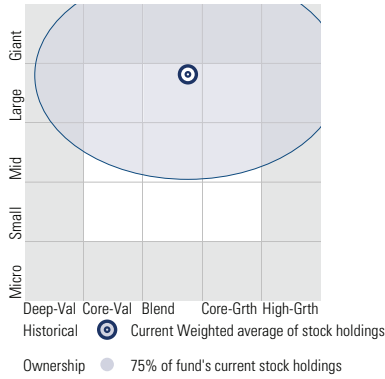
T. Rowe Price Retirement I 2020 I TRBRX

Morningstar Category
Target-Date 2020

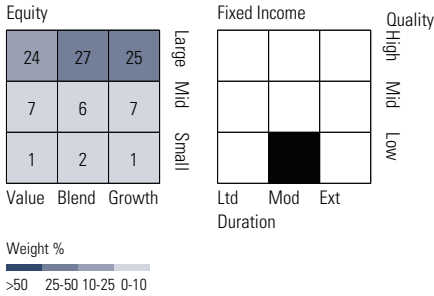
Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 03-31-2020

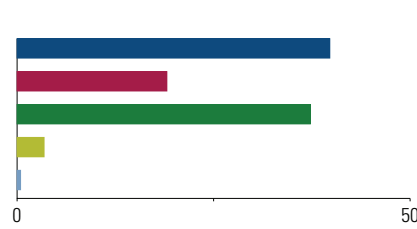
Morningstar Style Box™



Style Breakdown

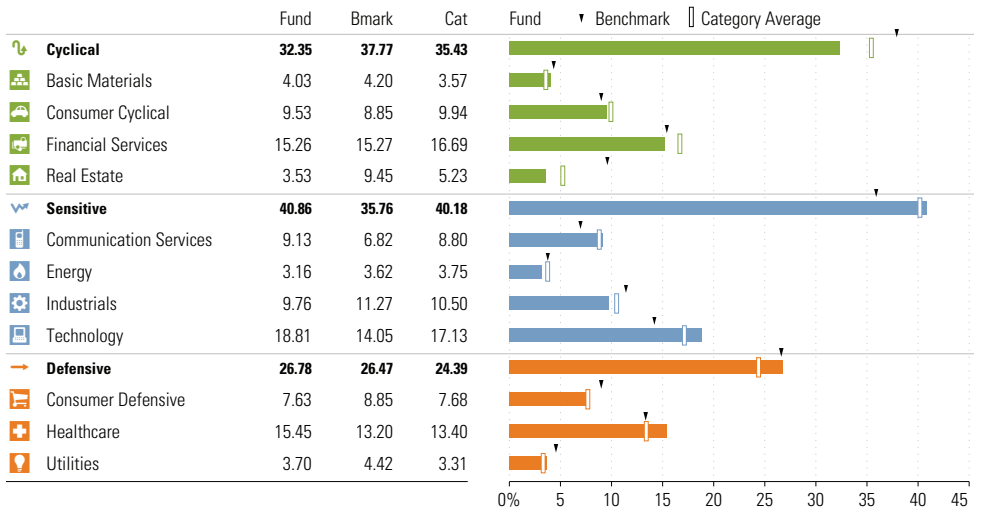


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	39.78	28.56
Non-US Stocks	19.05	13.10
Bonds	37.31	47.35
Cash	3.43	4.39
Other	0.44	6.60
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	-	22.48	22.48	-	-
⊖ T. Rowe Price New Income I	-	14.16	36.65	-	-
⊖ T. Rowe Price Ltd Dur Infl Focus Bd I	-	8.50	45.14	-	-
⊖ T. Rowe Price Growth Stock I	-	5.34	50.48	-	-
⊕ T. Rowe Price Value I	-	4.85	55.33	-	-
⊖ T. Rowe Price Intl Bd (USD Hgd) I	-	4.84	60.17	-	-
⊕ T. Rowe Price International Value Eq I	-	4.82	64.99	-	-
⊕ T. Rowe Price Overseas Stock I	-	4.66	69.65	-	-
⊖ T. Rowe Price International Stock I	-	4.40	74.04	-	-
⊖ T. Rowe Price Emerging Markets Bond I	-	3.32	77.36	-	-

Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2020 I TRBRX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.51 years.

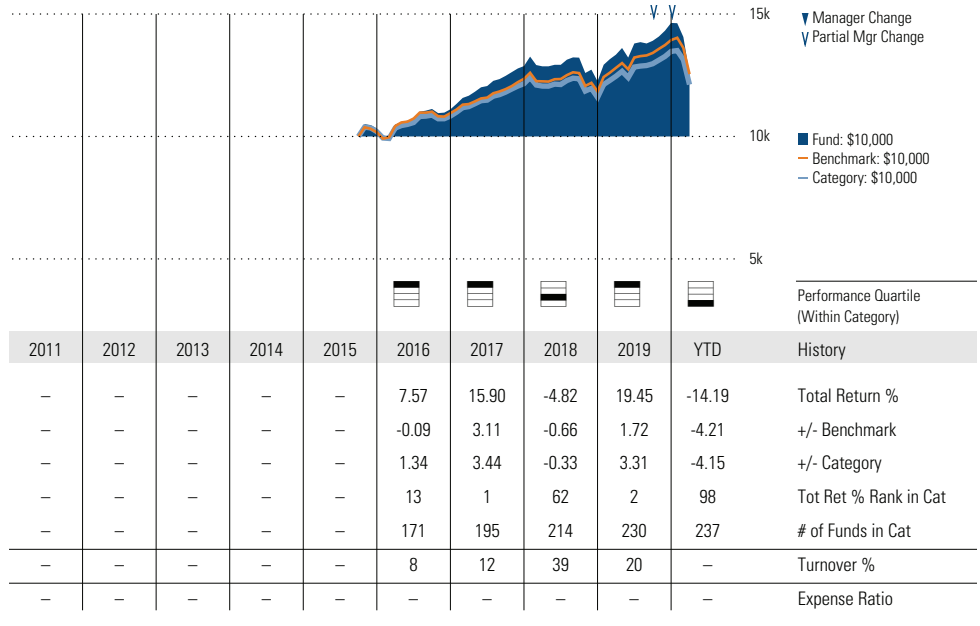
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.43 is 41.89% lower than the Target-Date 2020 category average.

Morningstar Investment Management LLC Analysis

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

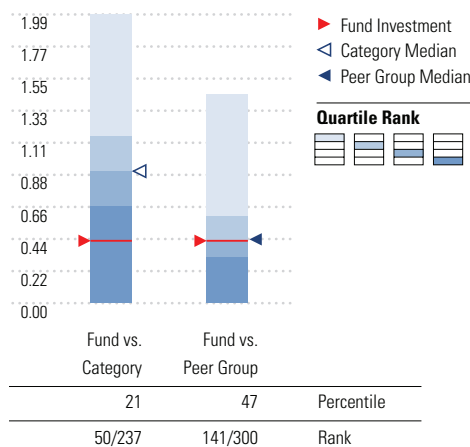
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.68	-	-0.81
Beta	1.24	-	0.94
R-Squared	98.05	-	95.73
Standard Deviation	9.67	7.72	7.38
Sharpe Ratio	0.12	0.26	0.12
Tracking Error	2.30	-	1.75
Information Ratio	-0.43	-	-0.67
Up Capture Ratio	110.67	-	88.03
Down Capture Ratio	126.96	-	95.97

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.54	14.39	14.99
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Avg Eff Duration	5.98	9.28	5.23

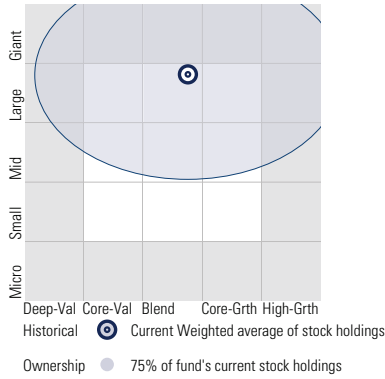
T. Rowe Price Retirement I 2020 I TRBRX

Morningstar Category
Target-Date 2020

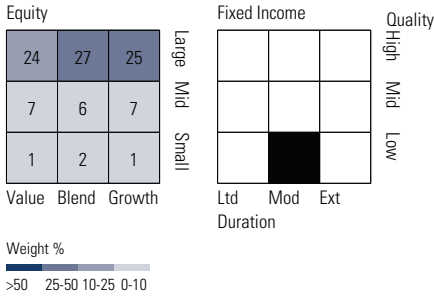
Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 03-31-2020

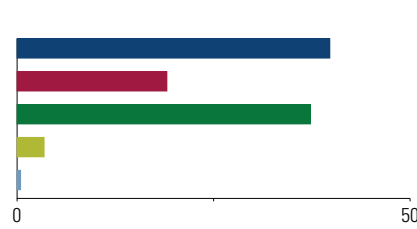
Morningstar Style Box™



Style Breakdown

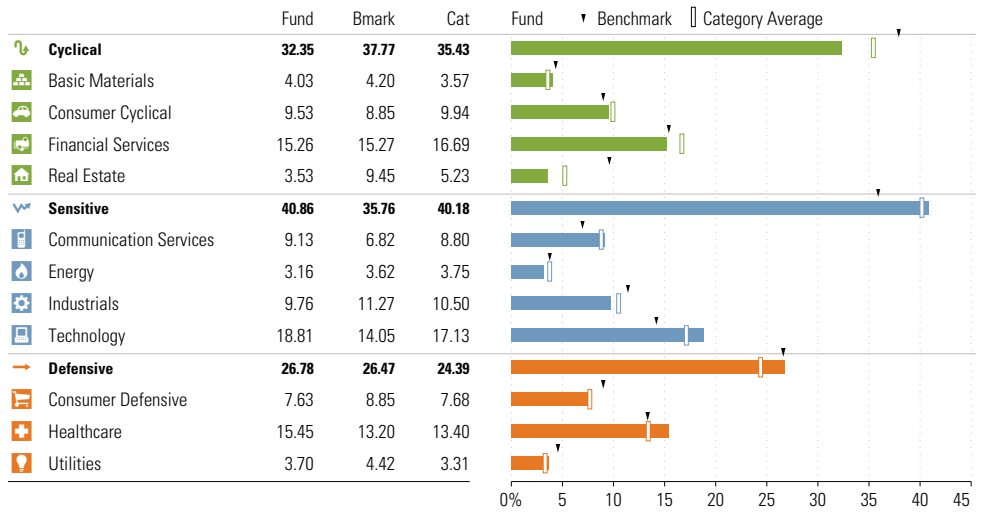


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	39.78	28.56
Non-US Stocks	19.05	13.10
Bonds	37.31	47.35
Cash	3.43	4.39
Other	0.44	6.60
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	-	22.48	22.48	-	-
⊖ T. Rowe Price New Income I	-	14.16	36.65	-	-
⊖ T. Rowe Price Ltd Dur Infl Focus Bd I	-	8.50	45.14	-	-
⊖ T. Rowe Price Growth Stock I	-	5.34	50.48	-	-
⊕ T. Rowe Price Value I	-	4.85	55.33	-	-
⊖ T. Rowe Price Intl Bd (USD Hdgd) I	-	4.84	60.17	-	-
⊕ T. Rowe Price International Value Eq I	-	4.82	64.99	-	-
⊕ T. Rowe Price Overseas Stock I	-	4.66	69.65	-	-
⊖ T. Rowe Price International Stock I	-	4.40	74.04	-	-
⊖ T. Rowe Price Emerging Markets Bond I	-	3.32	77.36	-	-

Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2025 I TRPHX

Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

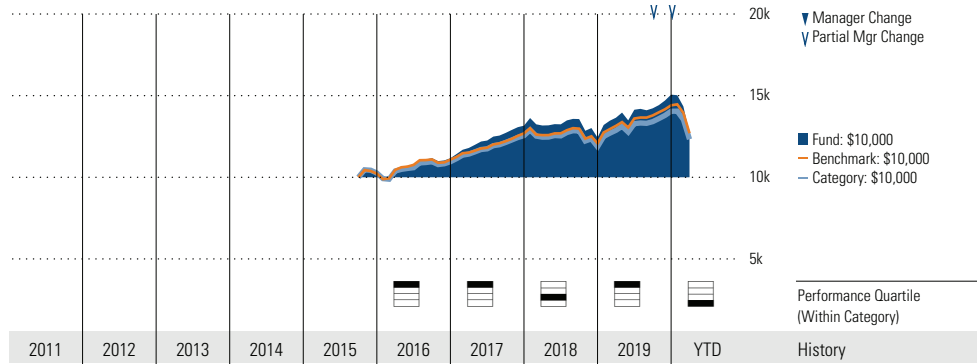
✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.47 is 35.62% lower than the Target-Date 2025 category average.

Growth of \$10,000

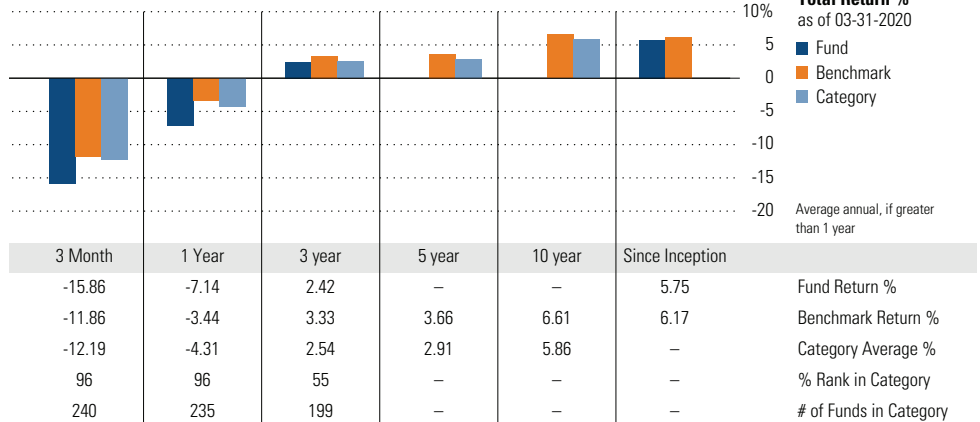


Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Total Return %	-	-	-	-	-	7.56	17.82	-5.54	21.15	-15.86	
+/- Benchmark	-	-	-	-	-	-0.83	3.28	-0.64	1.79	-4.00	
+/- Category	-	-	-	-	-	0.83	3.15	-0.20	2.90	-3.67	
Tot Ret % Rank in Cat	-	-	-	-	-	19	1	57	2	96	
# of Funds in Cat	-	-	-	-	-	177	196	213	232	240	
Turnover %	-	-	-	-	-	7	13	36	16	-	
Expense Ratio	-	-	-	-	-	-	-	-	-	-	

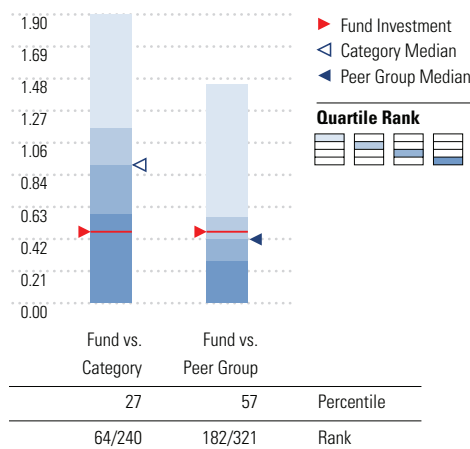
Morningstar Investment Management LLC Analysis

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

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	-1.47	-	-0.89
Beta	1.21	-	1.00
R-Squared	98.44	-	97.87
Standard Deviation	10.83	8.84	8.91
Sharpe Ratio	0.11	0.22	0.12
Tracking Error	2.33	-	1.56
Information Ratio	-0.39	-	-0.66
Up Capture Ratio	112.00	-	94.97
Down Capture Ratio	125.30	-	103.01

Portfolio Metrics

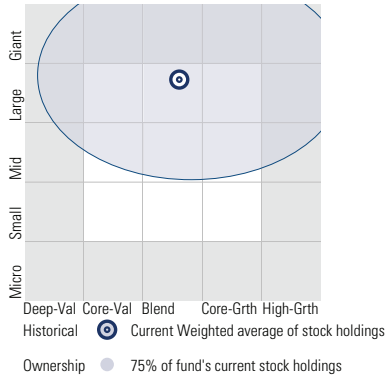
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.99	14.31	15.14
Price/Book Ratio	1.72	1.62	1.80
Avg Eff Duration	6.43	10.12	5.54

T. Rowe Price Retirement I 2025 I TRPHX

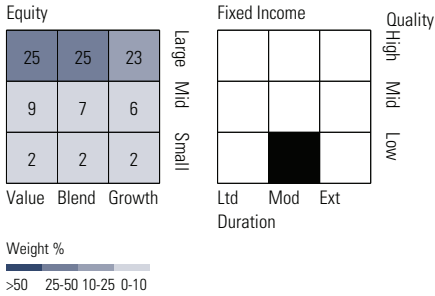
Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

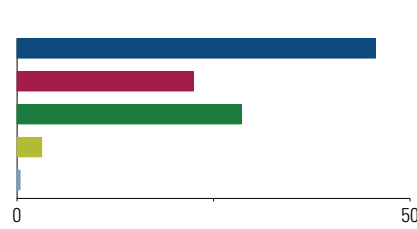
Style Analysis as of 03-31-2020
Morningstar Style Box™



Style Breakdown

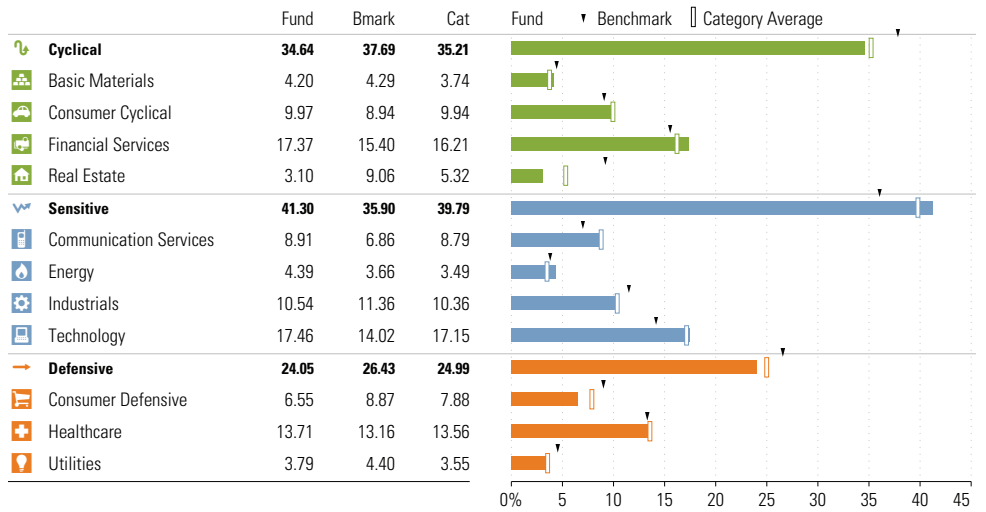


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	45.59	33.37
Non-US Stocks	22.43	16.97
Bonds	28.50	37.55
Cash	3.12	3.45
Other	0.38	8.66
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	—	19.93	19.93	—	—
⊖ T. Rowe Price New Income I	—	12.02	31.95	—	—
⊖ T. Rowe Price Growth Stock I	—	9.23	41.18	—	—
⊕ T. Rowe Price Value I	—	8.52	49.71	—	—
⊕ T. Rowe Price International Value Eq I	—	5.58	55.29	—	—
⊕ T. Rowe Price Overseas Stock I	—	5.51	60.79	—	—
⊕ T. Rowe Price International Stock I	—	5.17	65.96	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) I	—	4.05	70.01	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd I	—	3.90	73.91	—	—
⊕ T. Rowe Price Emerging Markets Stock I	—	3.49	77.40	—	—

Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2025 I TRPHX

Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

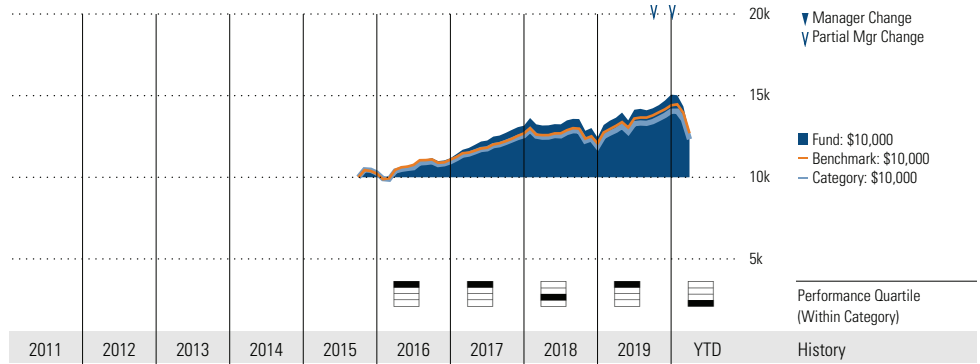
✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.47 is 35.62% lower than the Target-Date 2025 category average.

Growth of \$10,000

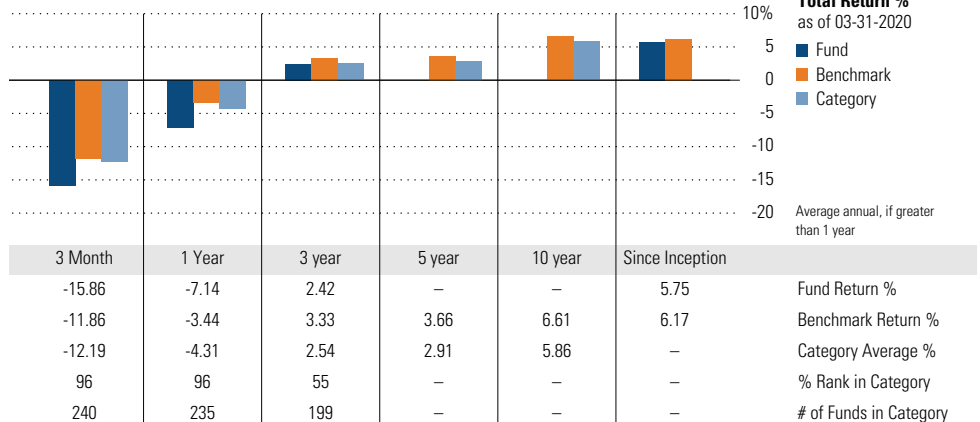


2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-	-	-	-	-	7.56	17.82	-5.54	21.15	-15.86	Total Return %
-	-	-	-	-	-0.83	3.28	-0.64	1.79	-4.00	+/- Benchmark
-	-	-	-	-	0.83	3.15	-0.20	2.90	-3.67	+/- Category
-	-	-	-	-	19	1	57	2	96	Tot Ret % Rank in Cat
-	-	-	-	-	177	196	213	232	240	# of Funds in Cat
-	-	-	-	-	7	13	36	16	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

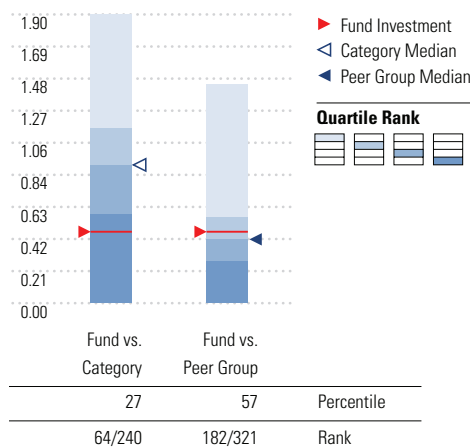
Morningstar Investment Management LLC Analysis

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

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	-1.47	-	-0.89
Beta	1.21	-	1.00
R-Squared	98.44	-	97.87
Standard Deviation	10.83	8.84	8.91
Sharpe Ratio	0.11	0.22	0.12
Tracking Error	2.33	-	1.56
Information Ratio	-0.39	-	-0.66
Up Capture Ratio	112.00	-	94.97
Down Capture Ratio	125.30	-	103.01

Portfolio Metrics

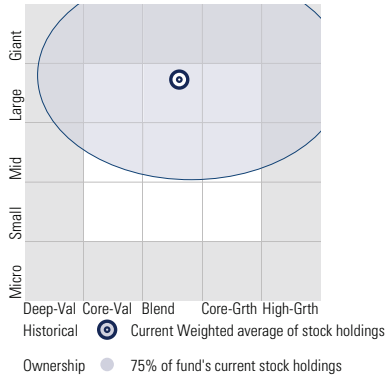
	Fund	Bmark	Cat
Price/Earnings Ratio	14.99	14.31	15.14
Price/Book Ratio	1.72	1.62	1.80
Avg Eff Duration	6.43	10.12	5.54

T. Rowe Price Retirement I 2025 I TRPHX

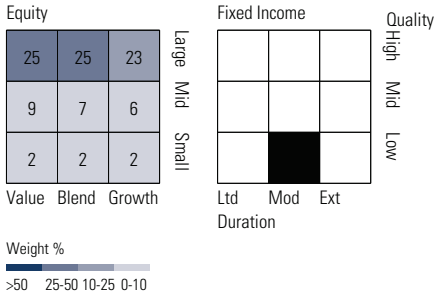
Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

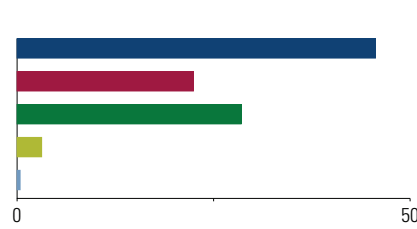
Style Analysis as of 03-31-2020
Morningstar Style Box™



Style Breakdown

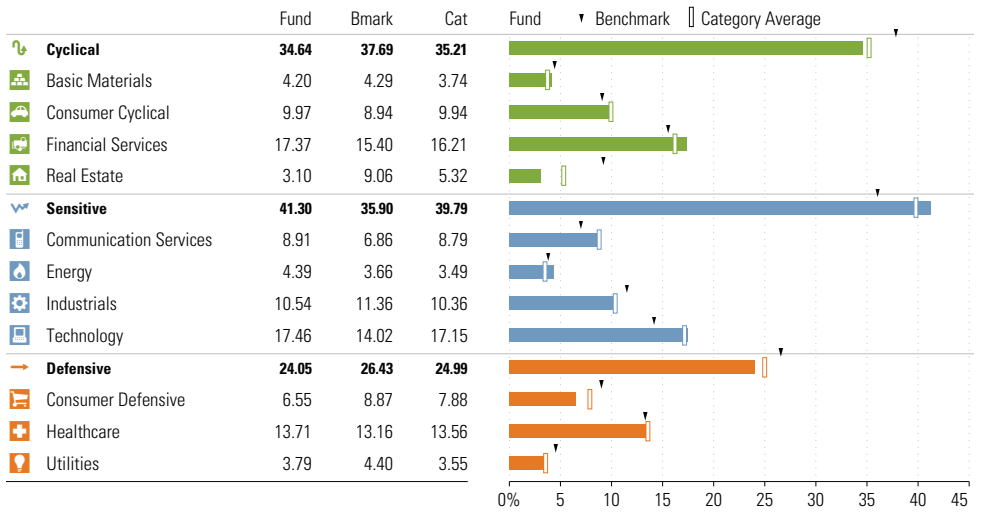


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	45.59	33.37
Non-US Stocks	22.43	16.97
Bonds	28.50	37.55
Cash	3.12	3.45
Other	0.38	8.66
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	-	19.93	19.93	-	-
⊖ T. Rowe Price New Income I	-	12.02	31.95	-	-
⊖ T. Rowe Price Growth Stock I	-	9.23	41.18	-	-
⊕ T. Rowe Price Value I	-	8.52	49.71	-	-
⊕ T. Rowe Price International Value Eq I	-	5.58	55.29	-	-
⊕ T. Rowe Price Overseas Stock I	-	5.51	60.79	-	-
⊕ T. Rowe Price International Stock I	-	5.17	65.96	-	-
⊖ T. Rowe Price Intl Bd (USD Hdgd) I	-	4.05	70.01	-	-
⊖ T. Rowe Price Ltd Dur Infl Focus Bd I	-	3.90	73.91	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	3.49	77.40	-	-

Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2030 I TRPCX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

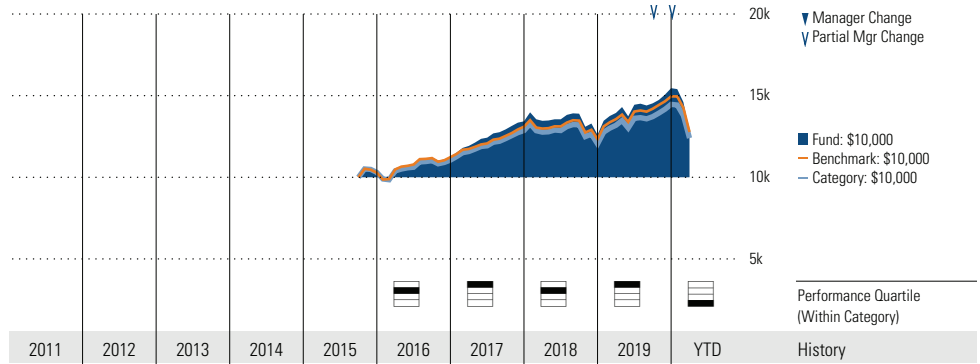
✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.49 is 35.53% lower than the Target-Date 2030 category average.

Growth of \$10,000

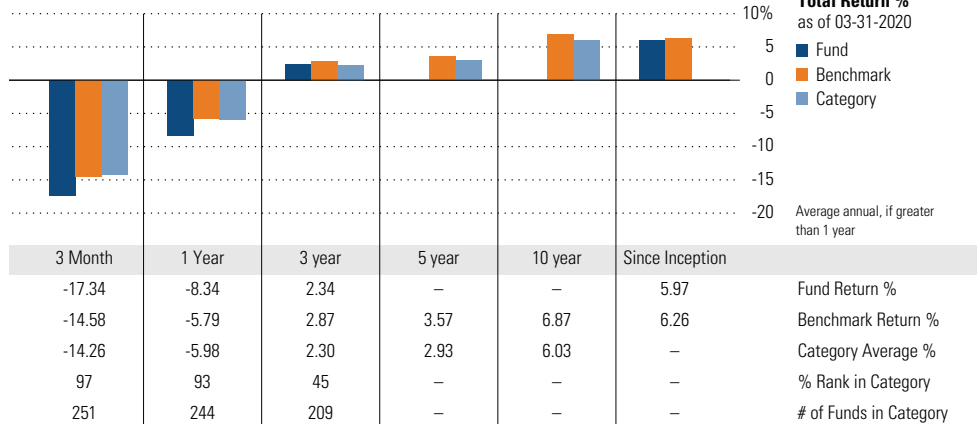


2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-	-	-	-	-	7.77	19.52	-6.16	22.68	-17.34	Total Return %
-	-	-	-	-	-1.49	2.93	-0.34	1.44	-2.76	+/- Benchmark
-	-	-	-	-	0.44	2.95	0.09	2.61	-3.08	+/- Category
-	-	-	-	-	36	3	46	4	97	Tot Ret % Rank in Cat
-	-	-	-	-	182	206	224	241	251	# of Funds in Cat
-	-	-	-	-	7	12	34	17	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

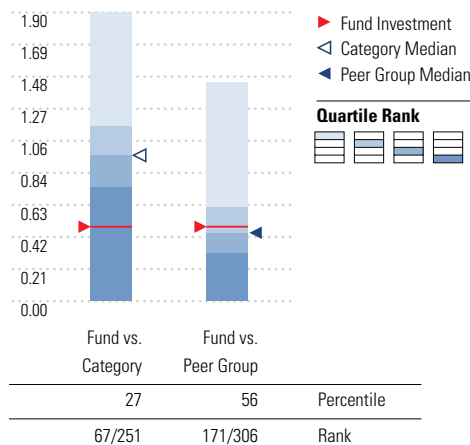
Morningstar Investment Management LLC Analysis

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

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	-0.81	-	-0.67
Beta	1.14	-	0.98
R-Squared	98.86	-	97.56
Standard Deviation	11.88	10.38	10.29
Sharpe Ratio	0.11	0.16	0.09
Tracking Error	1.92	-	1.67
Information Ratio	-0.28	-	-0.50
Up Capture Ratio	108.98	-	96.29
Down Capture Ratio	115.47	-	101.86

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.07	14.21	15.01
Price/Book Ratio	1.72	1.61	1.78
Avg Eff Duration	6.91	10.74	5.64

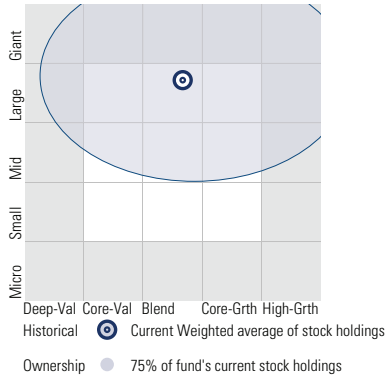
T. Rowe Price Retirement I 2030 I TRPCX

Morningstar Category
Target-Date 2030

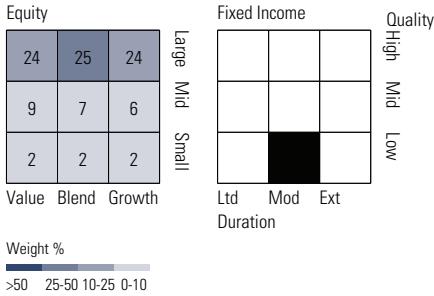
Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 03-31-2020

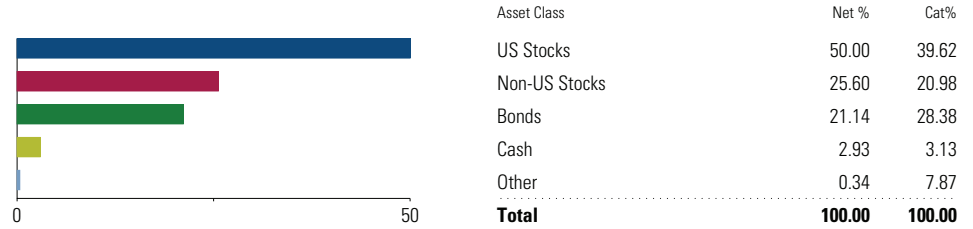
Morningstar Style Box™



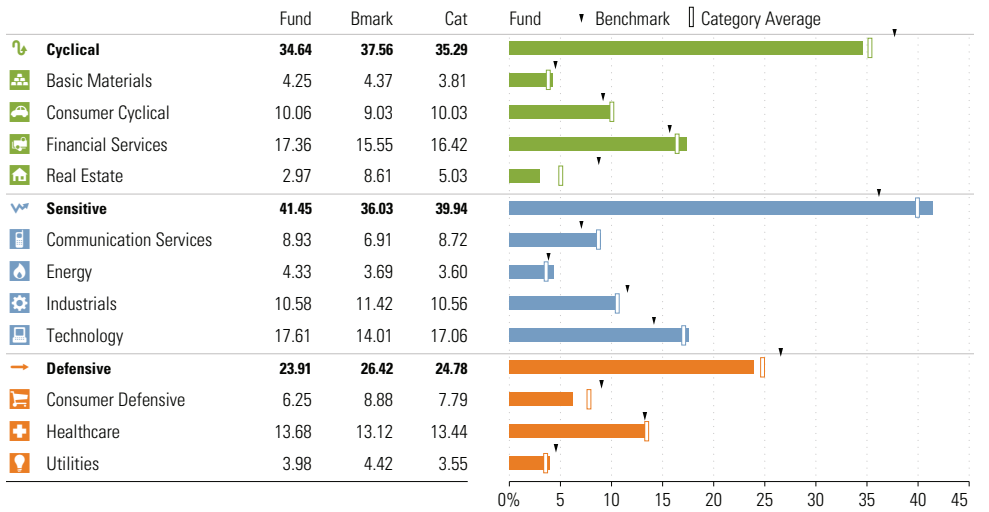
Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	—	16.57	16.57	—	—
⊖ T. Rowe Price Growth Stock I	—	12.89	29.46	—	—
⊕ T. Rowe Price Value I	—	11.80	41.26	—	—
⊖ T. Rowe Price New Income I	—	9.55	50.81	—	—
⊕ T. Rowe Price Overseas Stock I	—	6.23	57.04	—	—
⊕ T. Rowe Price International Value Eq I	—	6.12	63.17	—	—
⊕ T. Rowe Price International Stock I	—	5.84	69.01	—	—
⊕ T. Rowe Price Emerging Markets Stock I	—	3.95	72.96	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) I	—	3.25	76.21	—	—
⊕ T. Rowe Price Mid-Cap Growth I	—	3.12	79.33	—	—

Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2030 I TRPCX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

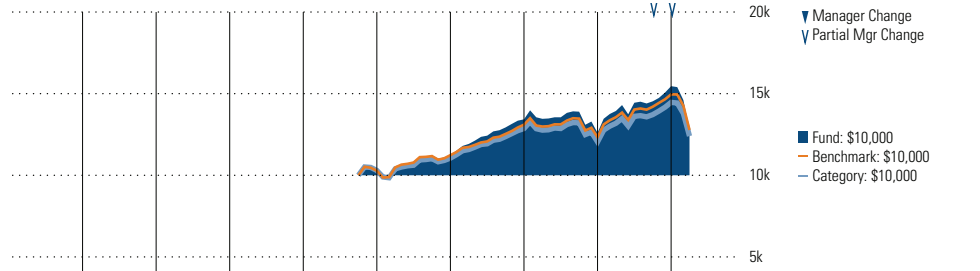
✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.49 is 35.53% lower than the Target-Date 2030 category average.

Growth of \$10,000



2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-	-	-	-	-	7.77	19.52	-6.16	22.68	-17.34	Total Return %
-	-	-	-	-	-1.49	2.93	-0.34	1.44	-2.76	+/- Benchmark
-	-	-	-	-	0.44	2.95	0.09	2.61	-3.08	+/- Category
-	-	-	-	-	36	3	46	4	97	Tot Ret % Rank in Cat
-	-	-	-	-	182	206	224	241	251	# of Funds in Cat
-	-	-	-	-	7	12	34	17	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

Morningstar Investment Management LLC Analysis

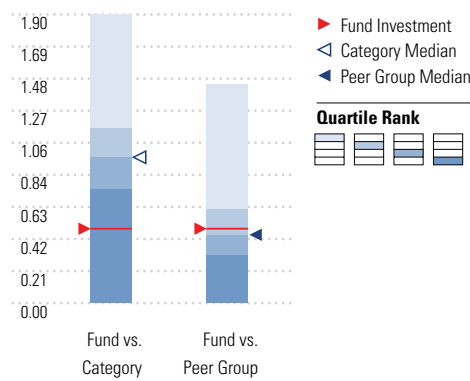
This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-17.34	-8.34	2.34	-	-	5.97	Fund Return %
-14.58	-5.79	2.87	3.57	6.87	6.26	Benchmark Return %
-14.26	-5.98	2.30	2.93	6.03	-	Category Average %
97	93	45	-	-	-	% Rank in Category
251	244	209	-	-	-	# of Funds in Category

Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile Rank
27	56	
67/251	171/306	

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	-0.81	-	-0.67
Beta	1.14	-	0.98
R-Squared	98.86	-	97.56
Standard Deviation	11.88	10.38	10.29
Sharpe Ratio	0.11	0.16	0.09
Tracking Error	1.92	-	1.67
Information Ratio	-0.28	-	-0.50
Up Capture Ratio	108.98	-	96.29
Down Capture Ratio	115.47	-	101.86

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.07	14.21	15.01
Price/Book Ratio	1.72	1.61	1.78
Avg Eff Duration	6.91	10.74	5.64

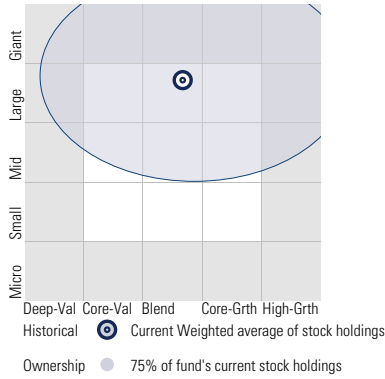
T. Rowe Price Retirement I 2030 I TRPCX

Morningstar Category
Target-Date 2030

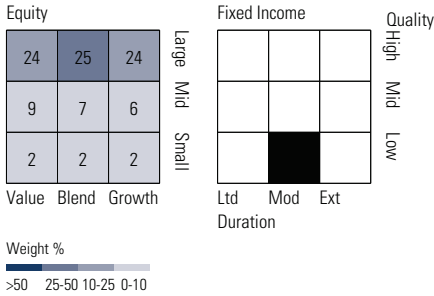
Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 03-31-2020

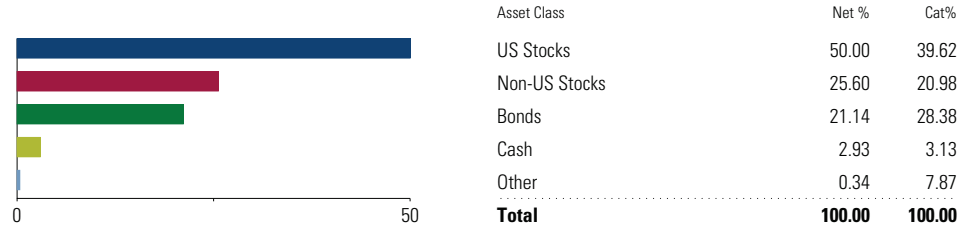
Morningstar Style Box™



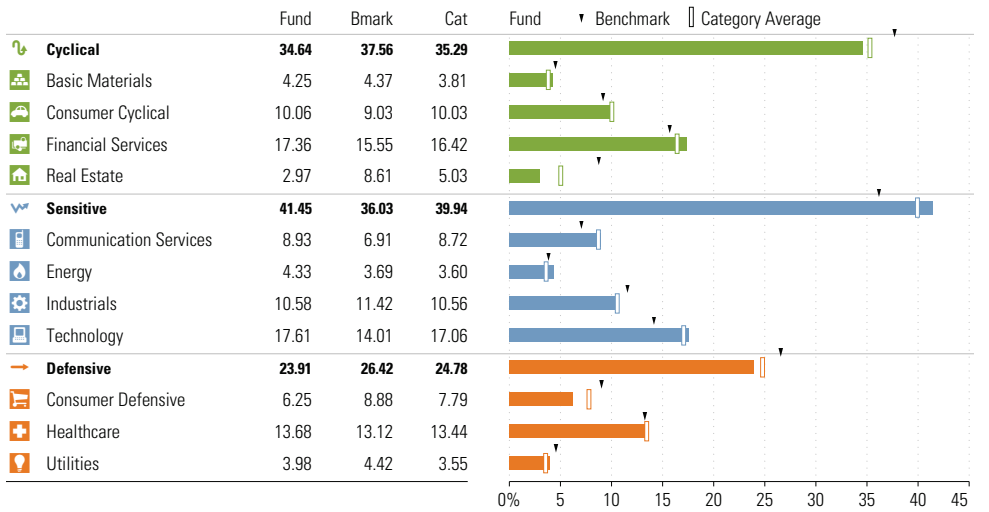
Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	-	16.57	16.57	-	-
⊖ T. Rowe Price Growth Stock I	-	12.89	29.46	-	-
⊕ T. Rowe Price Value I	-	11.80	41.26	-	-
⊖ T. Rowe Price New Income I	-	9.55	50.81	-	-
⊕ T. Rowe Price Overseas Stock I	-	6.23	57.04	-	-
⊕ T. Rowe Price International Value Eq I	-	6.12	63.17	-	-
⊕ T. Rowe Price International Stock I	-	5.84	69.01	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	3.95	72.96	-	-
⊖ T. Rowe Price Intl Bd (USD Hdgd) I	-	3.25	76.21	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.12	79.33	-	-

Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2035 I TRPJX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.51 years.

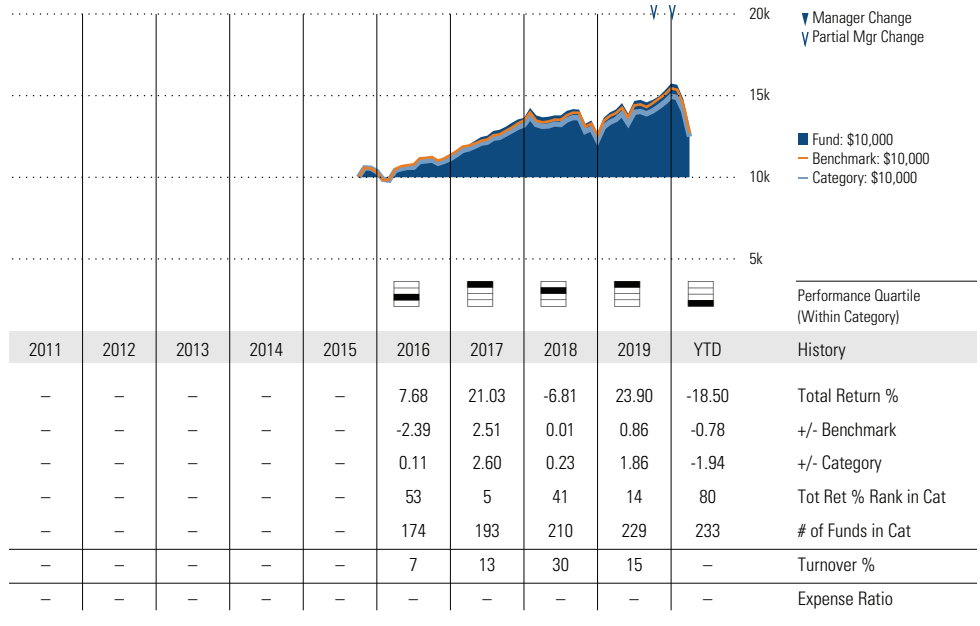
✘ **Style:** The fund has landed in its primary style box — Large Growth — 63.64 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.5 is 33.33% lower than the Target-Date 2035 category average.

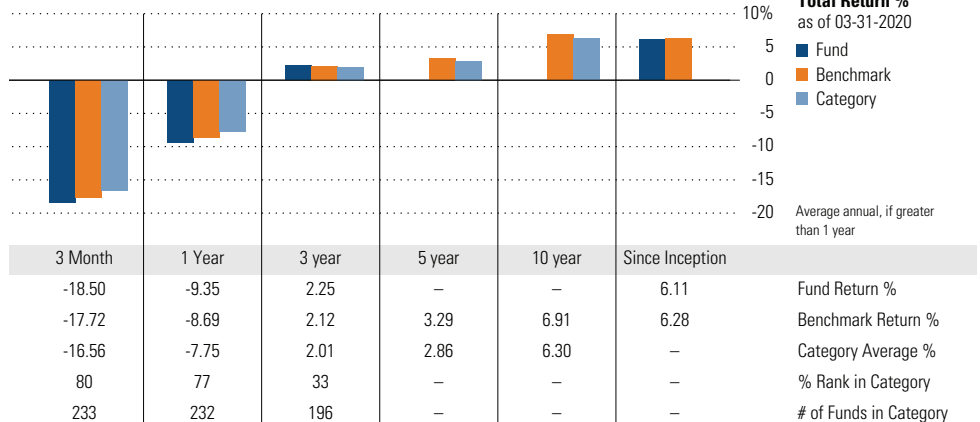
Morningstar Investment Management LLC Analysis

This fund fails our current style screen, but we generally do not regard style drift in target-date funds as significant.

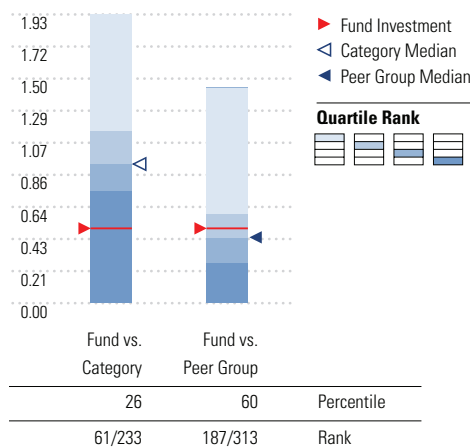
Growth of \$10,000



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	0.08	-	-0.19
Beta	1.05	-	0.97
R-Squared	99.01	-	98.72
Standard Deviation	12.75	12.09	11.83
Sharpe Ratio	0.10	0.09	0.07
Tracking Error	1.41	-	1.55
Information Ratio	0.09	-	-0.26
Up Capture Ratio	103.58	-	97.15
Down Capture Ratio	103.08	-	98.53

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.10	14.13	14.95
Price/Book Ratio	1.72	1.59	1.77
Avg Eff Duration	7.33	10.92	5.76

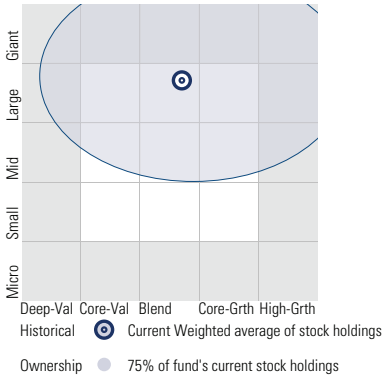
T. Rowe Price Retirement I 2035 I TRPJX

Morningstar Category
Target-Date 2035

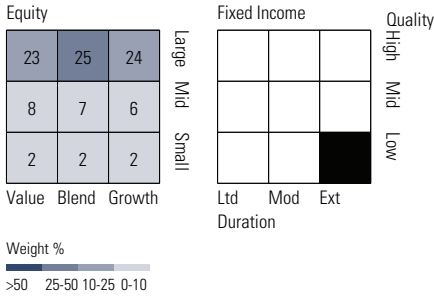
Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Style Analysis as of 03-31-2020

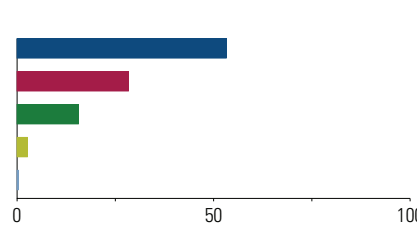
Morningstar Style Box™



Style Breakdown

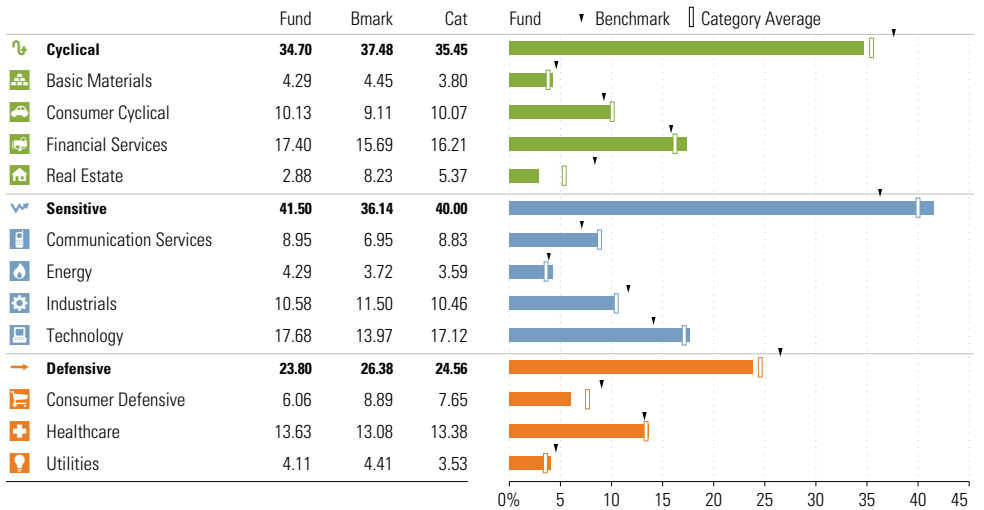


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	53.20	44.84
Non-US Stocks	28.31	24.61
Bonds	15.58	19.04
Cash	2.59	3.03
Other	0.31	8.48
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	15.94	15.94	-	-
⊕ T. Rowe Price Value I	-	14.49	30.43	-	-
⊕ T. Rowe Price Equity Index 500 I	-	13.52	43.96	-	-
⊖ T. Rowe Price New Income I	-	7.44	51.40	-	-
⊕ T. Rowe Price Overseas Stock I	-	6.84	58.24	-	-
⊕ T. Rowe Price International Value Eq I	-	6.67	64.91	-	-
⊕ T. Rowe Price International Stock I	-	6.36	71.27	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	4.38	75.65	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.41	79.06	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.08	82.14	-	-

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2035 I TRPJX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 4.51 years.

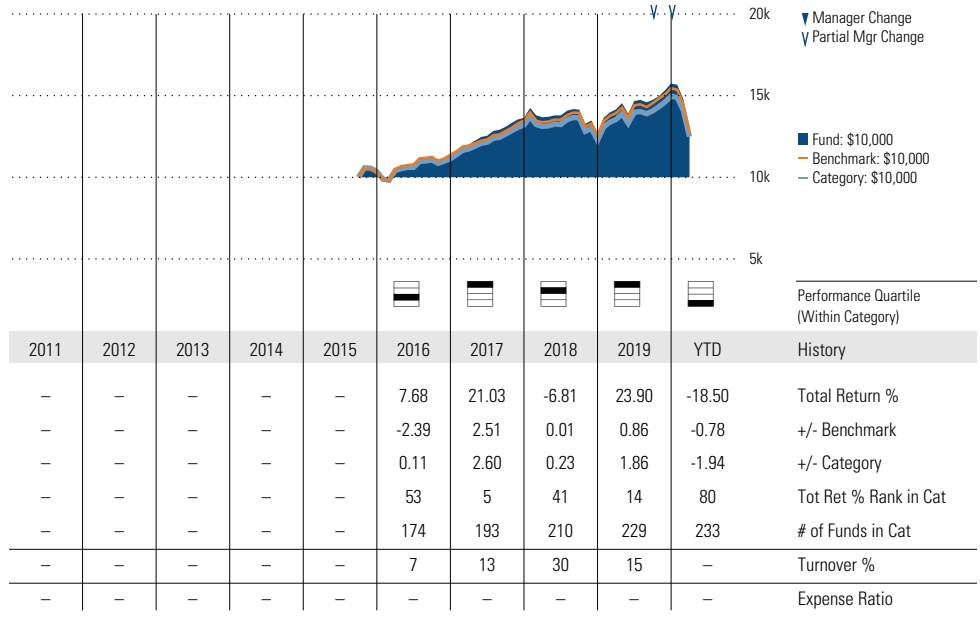
✘ **Style:** The fund has landed in its primary style box — Large Growth — 63.64 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.5 is 33.33% lower than the Target-Date 2035 category average.

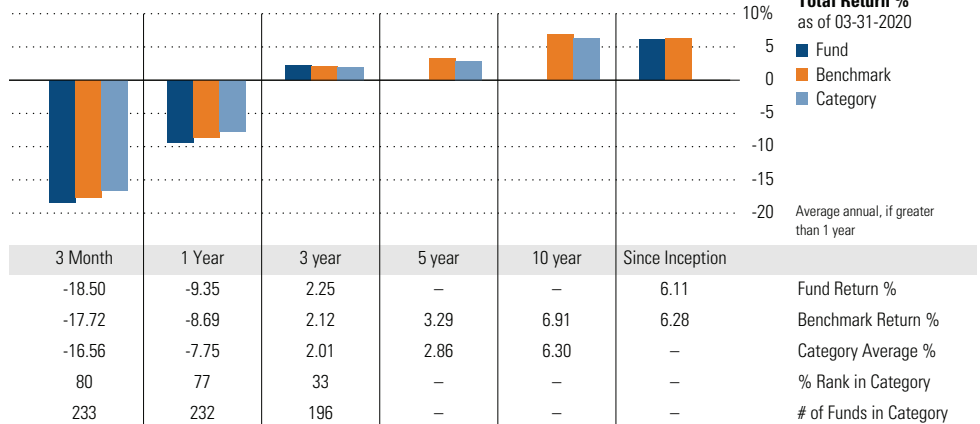
Morningstar Investment Management LLC Analysis

This fund fails our current style screen, but we generally do not regard style drift in target-date funds as significant.

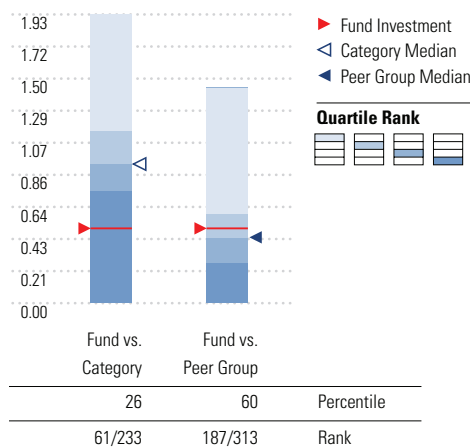
Growth of \$10,000



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	0.08	-	-0.19
Beta	1.05	-	0.97
R-Squared	99.01	-	98.72
Standard Deviation	12.75	12.09	11.83
Sharpe Ratio	0.10	0.09	0.07
Tracking Error	1.41	-	1.55
Information Ratio	0.09	-	-0.26
Up Capture Ratio	103.58	-	97.15
Down Capture Ratio	103.08	-	98.53

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.10	14.13	14.95
Price/Book Ratio	1.72	1.59	1.77
Avg Eff Duration	7.33	10.92	5.76

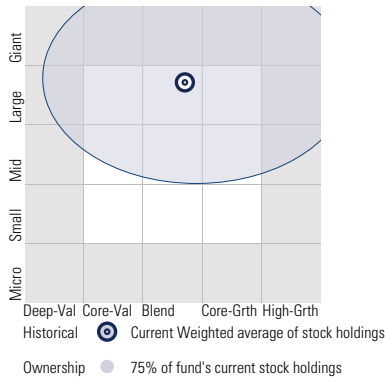
T. Rowe Price Retirement I 2035 I TRPJX

Morningstar Category
Target-Date 2035

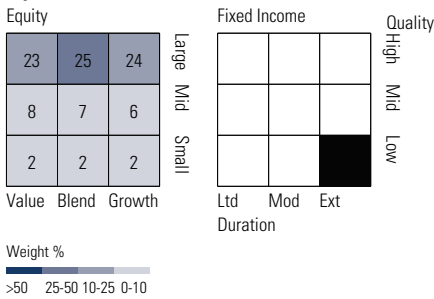
Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Style Analysis as of 03-31-2020

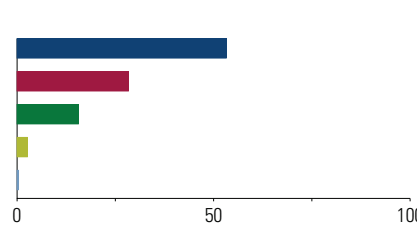
Morningstar Style Box™



Style Breakdown

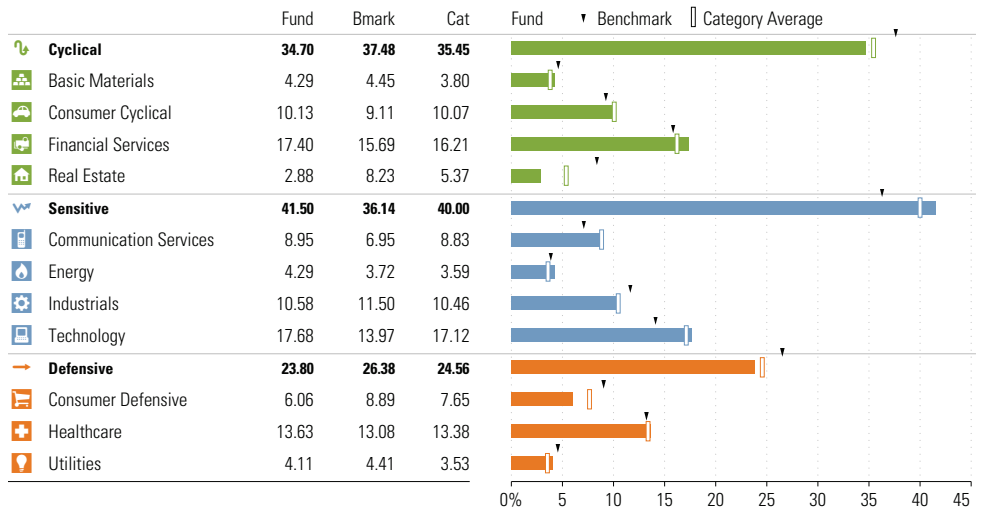


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	53.20	44.84
Non-US Stocks	28.31	24.61
Bonds	15.58	19.04
Cash	2.59	3.03
Other	0.31	8.48
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	15.94	15.94	-	-
⊕ T. Rowe Price Value I	-	14.49	30.43	-	-
⊕ T. Rowe Price Equity Index 500 I	-	13.52	43.96	-	-
⊖ T. Rowe Price New Income I	-	7.44	51.40	-	-
⊕ T. Rowe Price Overseas Stock I	-	6.84	58.24	-	-
⊕ T. Rowe Price International Value Eq I	-	6.67	64.91	-	-
⊕ T. Rowe Price International Stock I	-	6.36	71.27	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	4.38	75.65	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.41	79.06	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.08	82.14	-	-

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2040 I TRPDX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

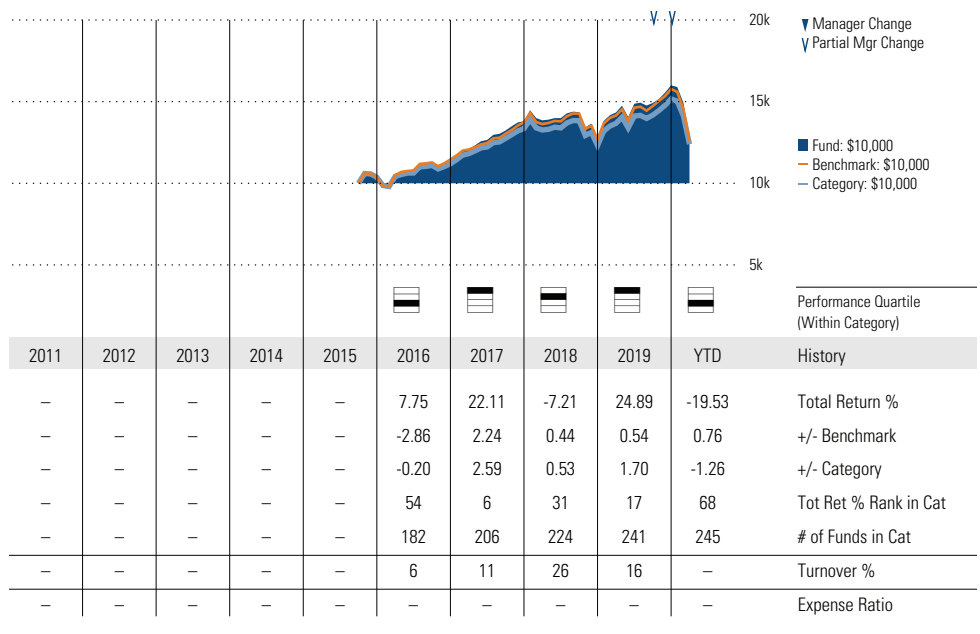
✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.51 is 34.62% lower than the Target-Date 2040 category average.

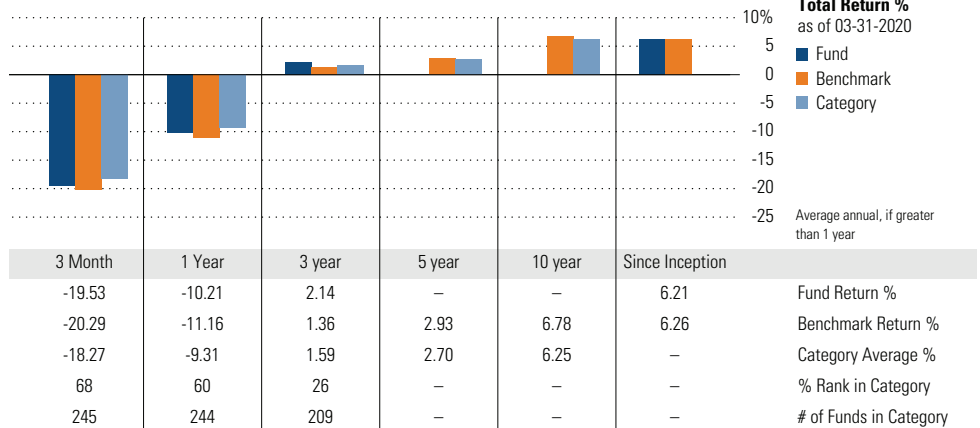
Growth of \$10,000



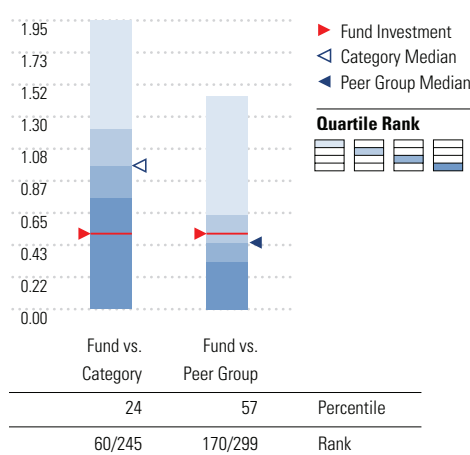
Morningstar Investment Management LLC Analysis

This fund fails our current style screen, but we generally do not regard style drift in target-date funds as significant.

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	0.78	-	0.13
Beta	0.99	-	0.94
R-Squared	98.84	-	97.91
Standard Deviation	13.47	13.47	12.73
Sharpe Ratio	0.10	0.04	0.04
Tracking Error	1.45	-	1.85
Information Ratio	0.54	-	-0.01
Up Capture Ratio	100.33	-	94.72
Down Capture Ratio	95.61	-	93.91

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.13	13.30	15.03
Price/Book Ratio	1.71	1.46	1.77
Avg Eff Duration	7.53	11.09	5.80

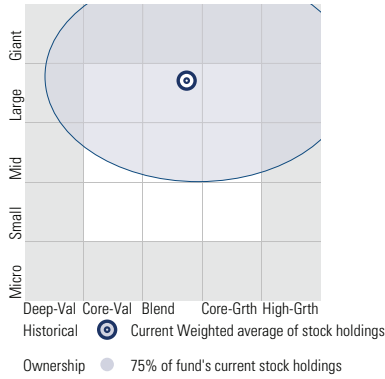
T. Rowe Price Retirement I 2040 I TRPDX

Morningstar Category
Target-Date 2040

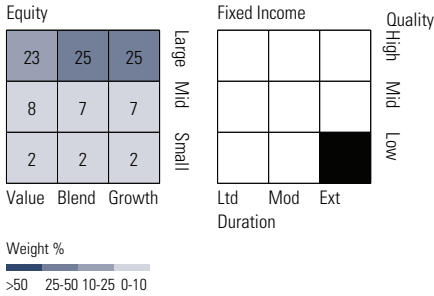
Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 03-31-2020

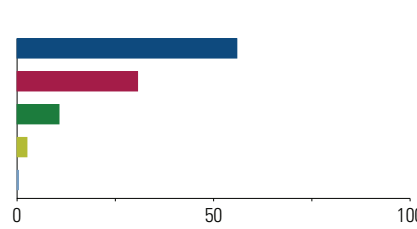
Morningstar Style Box™



Style Breakdown

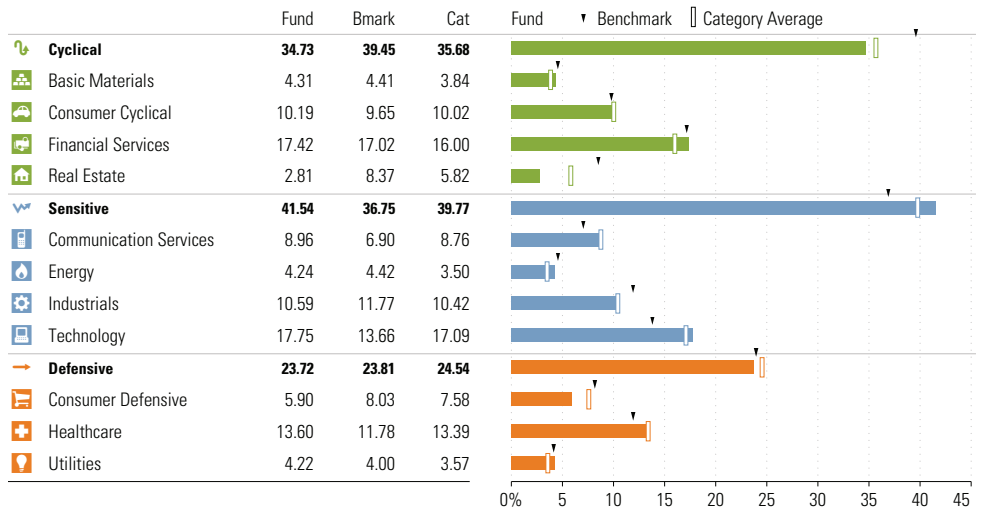


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	55.91	49.73
Non-US Stocks	30.65	27.58
Bonds	10.66	12.16
Cash	2.50	2.86
Other	0.29	7.67
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	18.64	18.64	-	-
⊕ T. Rowe Price Value I	-	16.88	35.52	-	-
⊕ T. Rowe Price Equity Index 500 I	-	10.68	46.20	-	-
⊕ T. Rowe Price Overseas Stock I	-	7.36	53.56	-	-
⊕ T. Rowe Price International Value Eq I	-	7.13	60.70	-	-
⊕ T. Rowe Price International Stock I	-	6.82	67.52	-	-
⊖ T. Rowe Price New Income I	-	5.18	72.70	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	4.73	77.43	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.71	81.15	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.30	84.44	-	-

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2040 I TRPDX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

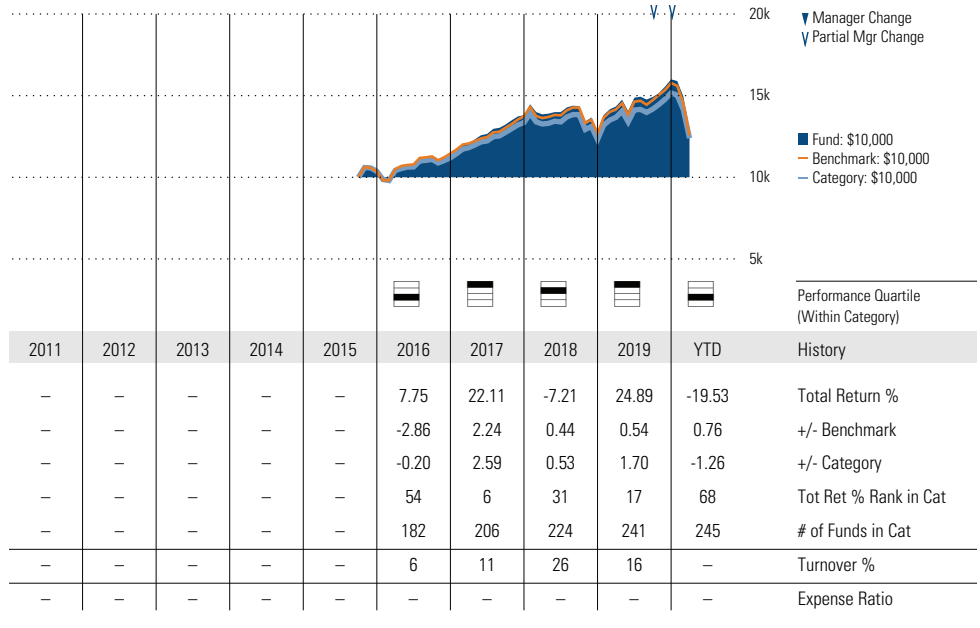
✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.51 is 34.62% lower than the Target-Date 2040 category average.

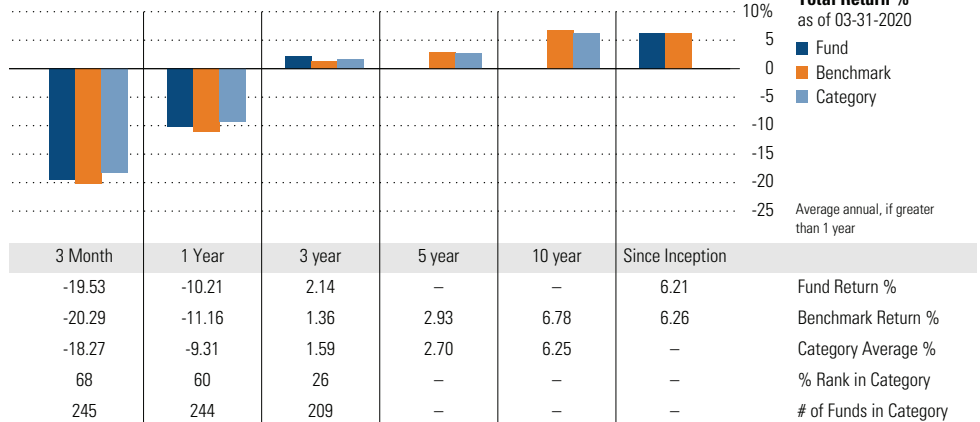
Growth of \$10,000



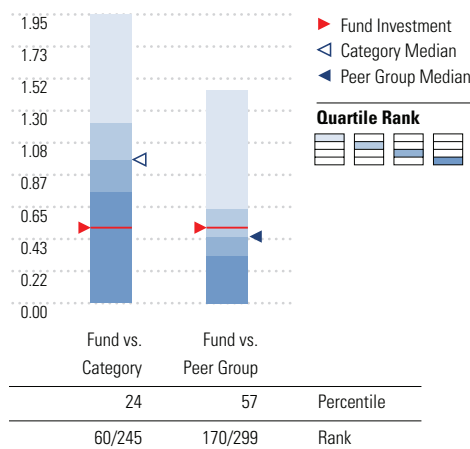
Morningstar Investment Management LLC Analysis

This fund fails our current style screen, but we generally do not regard style drift in target-date funds as significant.

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	0.78	-	0.13
Beta	0.99	-	0.94
R-Squared	98.84	-	97.91
Standard Deviation	13.47	13.47	12.73
Sharpe Ratio	0.10	0.04	0.04
Tracking Error	1.45	-	1.85
Information Ratio	0.54	-	-0.01
Up Capture Ratio	100.33	-	94.72
Down Capture Ratio	95.61	-	93.91

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.13	13.30	15.03
Price/Book Ratio	1.71	1.46	1.77
Avg Eff Duration	7.53	11.09	5.80

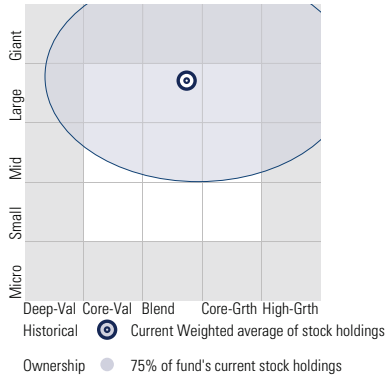
T. Rowe Price Retirement I 2040 I TRPDX

Morningstar Category
Target-Date 2040

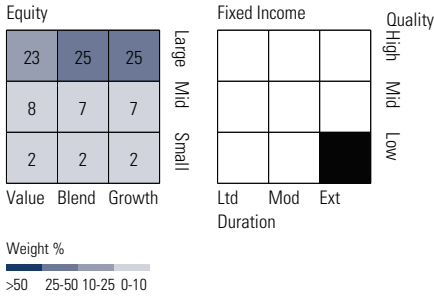
Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 03-31-2020

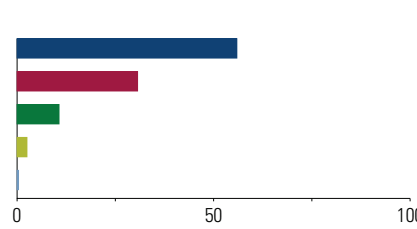
Morningstar Style Box™



Style Breakdown

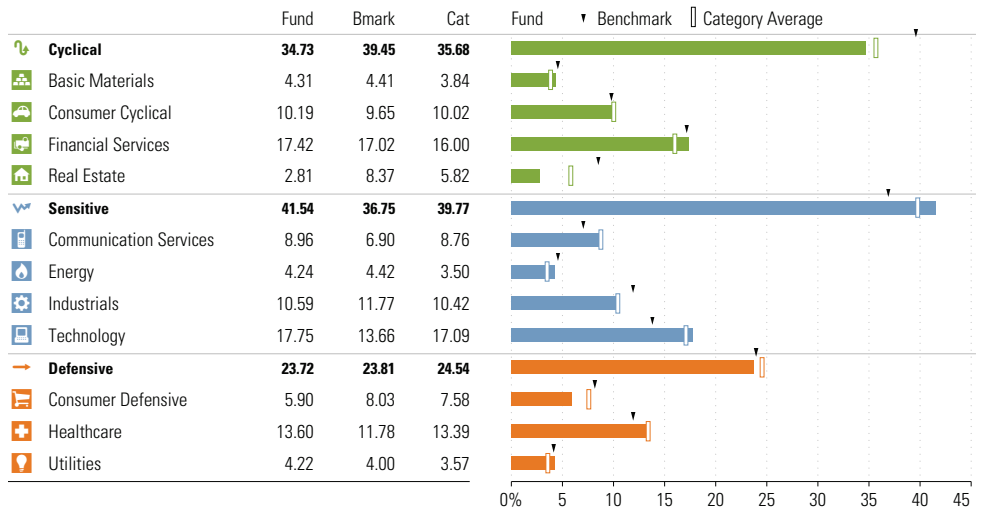


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	55.91	49.73
Non-US Stocks	30.65	27.58
Bonds	10.66	12.16
Cash	2.50	2.86
Other	0.29	7.67
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	18.64	18.64	-	-
⊕ T. Rowe Price Value I	-	16.88	35.52	-	-
⊕ T. Rowe Price Equity Index 500 I	-	10.68	46.20	-	-
⊕ T. Rowe Price Overseas Stock I	-	7.36	53.56	-	-
⊕ T. Rowe Price International Value Eq I	-	7.13	60.70	-	-
⊕ T. Rowe Price International Stock I	-	6.82	67.52	-	-
⊖ T. Rowe Price New Income I	-	5.18	72.70	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	4.73	77.43	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.71	81.15	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.30	84.44	-	-

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2045 I TRPKX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

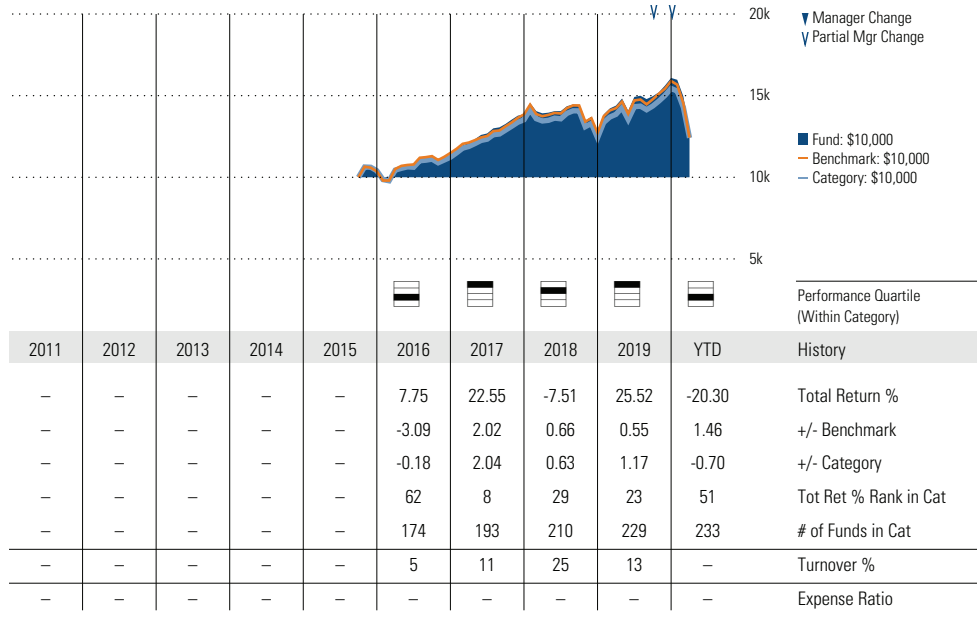
✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.52 is 31.58% lower than the Target-Date 2045 category average.

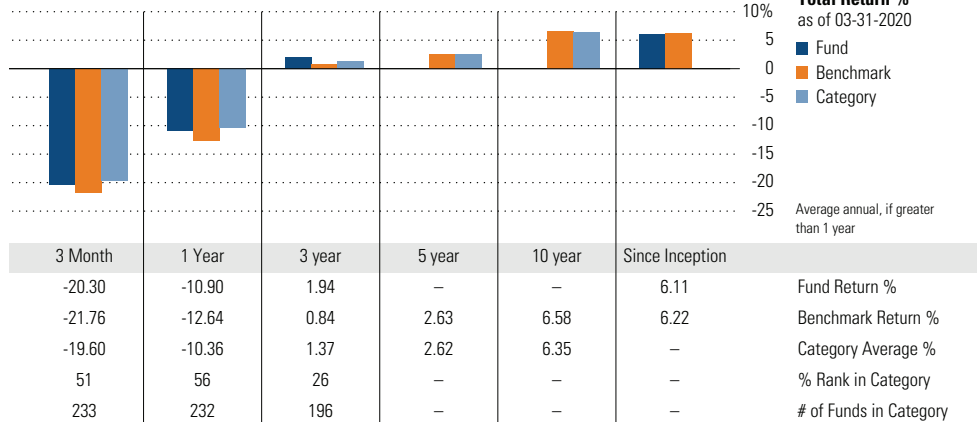
Growth of \$10,000



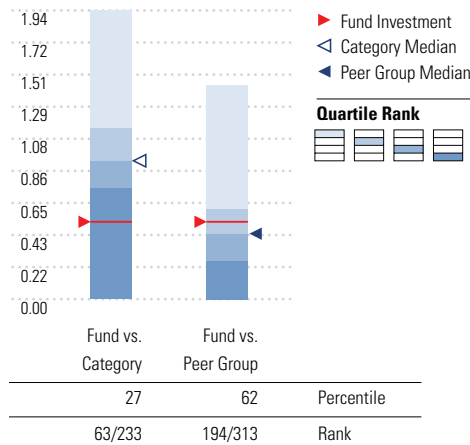
Morningstar Investment Management LLC Analysis

This fund fails our current style screen, but we generally do not regard style drift in target-date funds as significant.

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	1.09	-	0.40
Beta	0.98	-	0.95
R-Squared	98.83	-	98.88
Standard Deviation	13.97	14.23	13.62
Sharpe Ratio	0.08	0.01	0.03
Tracking Error	1.55	-	1.63
Information Ratio	0.71	-	0.14
Up Capture Ratio	99.59	-	97.13
Down Capture Ratio	93.34	-	94.80

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.15	14.00	15.20
Price/Book Ratio	1.71	1.56	1.78
Avg Eff Duration	7.39	-	5.86

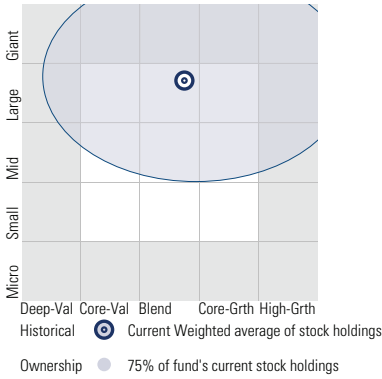
T. Rowe Price Retirement I 2045 | TRPKX

Morningstar Category
Target-Date 2045

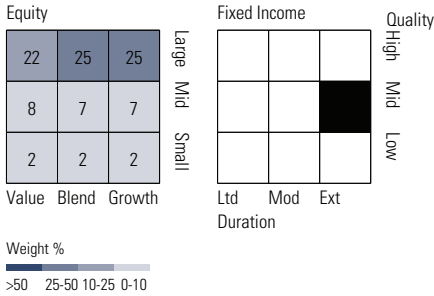
Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 03-31-2020

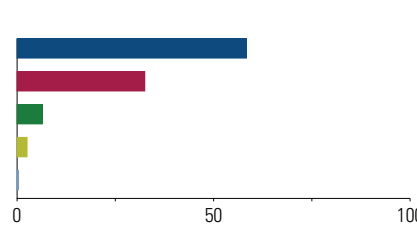
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	58.34	54.57
Non-US Stocks	32.48	31.00
Bonds	6.40	6.76
Cash	2.53	2.38
Other	0.26	5.29
Total	100.00	100.00

Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	34.75	37.70	35.37			
Basic Materials	4.33	4.59	3.86			
Consumer Cyclical	10.21	9.24	9.93			
Financial Services	17.45	15.88	15.78			
Real Estate	2.76	7.99	5.80			
Sensitive	41.56	36.18	39.87			
Communication Services	8.97	7.01	8.76			
Energy	4.23	3.76	3.52			
Industrials	10.58	11.56	10.27			
Technology	17.78	13.85	17.32			
Defensive	23.67	26.13	24.76			
Consumer Defensive	5.82	8.86	7.44			
Healthcare	13.56	12.89	13.72			
Utilities	4.29	4.38	3.60			

Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	—	20.45	20.45	—	—
⊕ T. Rowe Price Value I	—	18.56	39.02	—	—
⊕ T. Rowe Price Equity Index 500 I	—	9.36	48.37	—	—
⊕ T. Rowe Price Overseas Stock I	—	7.77	56.15	—	—
⊕ T. Rowe Price International Value Eq I	—	7.48	63.63	—	—
⊕ T. Rowe Price International Stock I	—	7.23	70.86	—	—
⊕ T. Rowe Price Emerging Markets Stock I	—	5.03	75.89	—	—
⊕ T. Rowe Price Mid-Cap Growth I	—	3.87	79.76	—	—
⊕ T. Rowe Price Mid-Cap Value I	—	3.51	83.27	—	—
⊖ T. Rowe Price New Income I	—	3.21	86.48	—	—

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2045 I TRPKX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

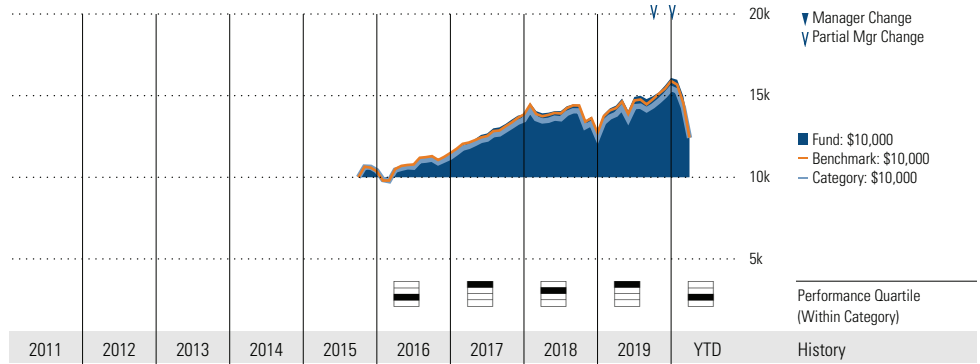
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✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.52 is 31.58% lower than the Target-Date 2045 category average.

Growth of \$10,000

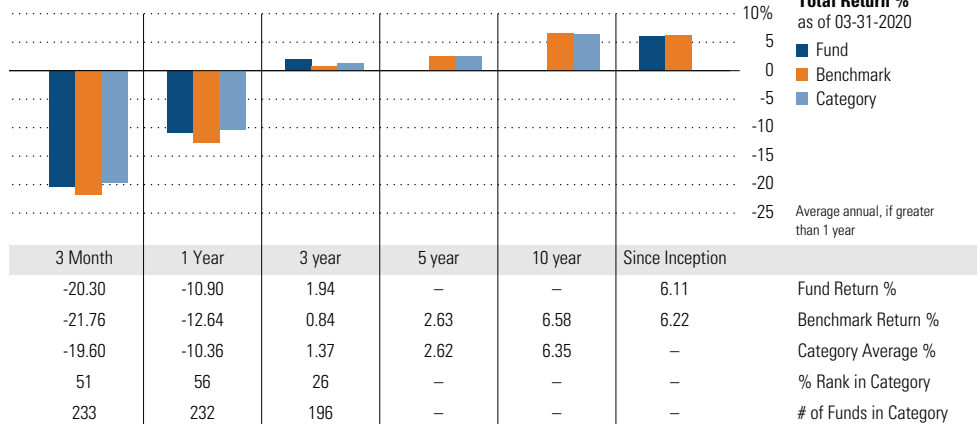


2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-	-	-	-	-	7.75	22.55	-7.51	25.52	-20.30	Total Return %
-	-	-	-	-	-3.09	2.02	0.66	0.55	1.46	+/- Benchmark
-	-	-	-	-	-0.18	2.04	0.63	1.17	-0.70	+/- Category
-	-	-	-	-	62	8	29	23	51	Tot Ret % Rank in Cat
-	-	-	-	-	174	193	210	229	233	# of Funds in Cat
-	-	-	-	-	5	11	25	13	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

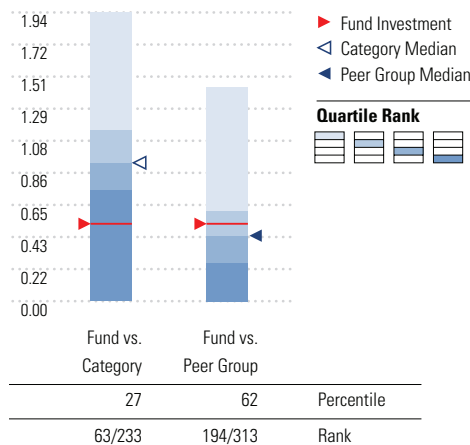
Morningstar Investment Management LLC Analysis

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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	-	0.40
Beta	0.98	-	0.95
R-Squared	98.83	-	98.88
Standard Deviation	13.97	14.23	13.62
Sharpe Ratio	0.08	0.01	0.03
Tracking Error	1.55	-	1.63
Information Ratio	0.71	-	0.14
Up Capture Ratio	99.59	-	97.13
Down Capture Ratio	93.34	-	94.80

Portfolio Metrics

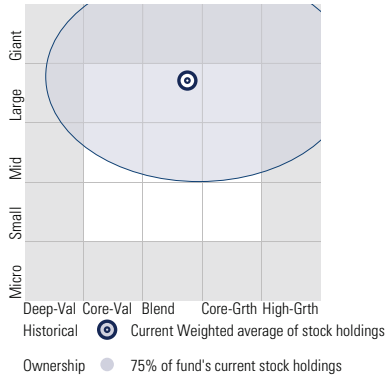
	Fund	Bmark	Cat
Price/Earnings Ratio	15.15	14.00	15.20
Price/Book Ratio	1.71	1.56	1.78
Avg Eff Duration	7.39	-	5.86

T. Rowe Price Retirement I 2045 I TRPKX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

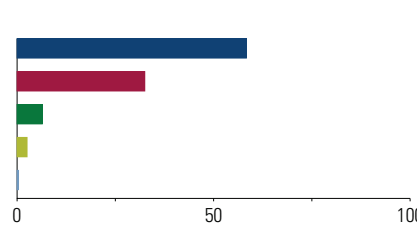
Style Analysis as of 03-31-2020
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	58.34	54.57
Non-US Stocks	32.48	31.00
Bonds	6.40	6.76
Cash	2.53	2.38
Other	0.26	5.29
Total	100.00	100.00

Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	34.75	37.70	35.37			
Basic Materials	4.33	4.59	3.86			
Consumer Cyclical	10.21	9.24	9.93			
Financial Services	17.45	15.88	15.78			
Real Estate	2.76	7.99	5.80			
Sensitive	41.56	36.18	39.87			
Communication Services	8.97	7.01	8.76			
Energy	4.23	3.76	3.52			
Industrials	10.58	11.56	10.27			
Technology	17.78	13.85	17.32			
Defensive	23.67	26.13	24.76			
Consumer Defensive	5.82	8.86	7.44			
Healthcare	13.56	12.89	13.72			
Utilities	4.29	4.38	3.60			

Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	20.45	20.45	-	-
⊕ T. Rowe Price Value I	-	18.56	39.02	-	-
⊕ T. Rowe Price Equity Index 500 I	-	9.36	48.37	-	-
⊕ T. Rowe Price Overseas Stock I	-	7.77	56.15	-	-
⊕ T. Rowe Price International Value Eq I	-	7.48	63.63	-	-
⊕ T. Rowe Price International Stock I	-	7.23	70.86	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	5.03	75.89	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.87	79.76	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.51	83.27	-	-
⊖ T. Rowe Price New Income I	-	3.21	86.48	-	-

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2050 I TRPMX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

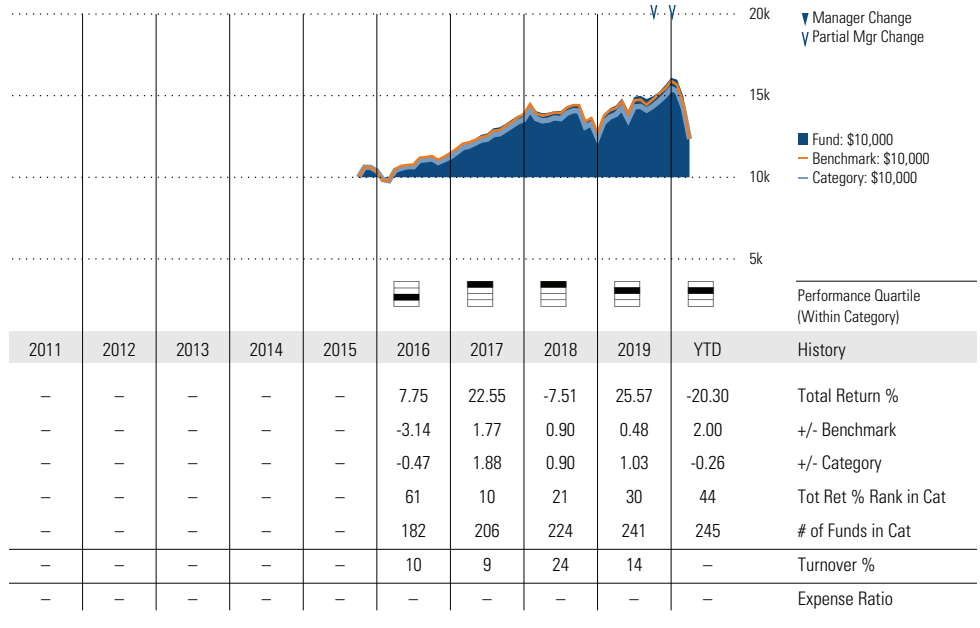
✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.52 is 34.18% lower than the Target-Date 2050 category average.

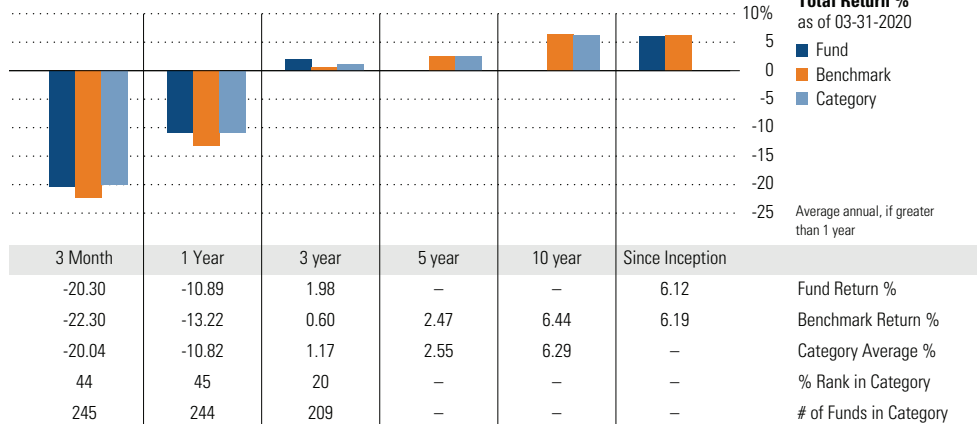
Growth of \$10,000



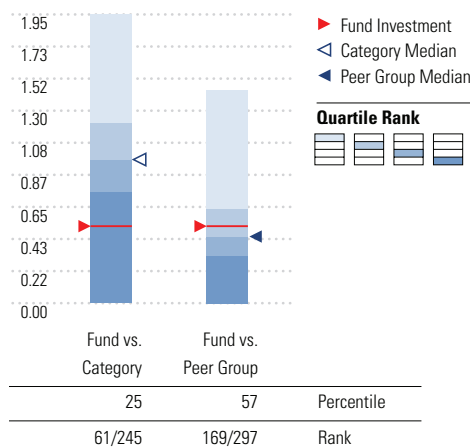
Morningstar Investment Management LLC Analysis

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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	1.36	-	0.46
Beta	0.96	-	0.94
R-Squared	98.76	-	97.94
Standard Deviation	13.95	14.47	13.74
Sharpe Ratio	0.09	-0.01	0.02
Tracking Error	1.67	-	1.88
Information Ratio	0.83	-	0.23
Up Capture Ratio	98.72	-	96.35
Down Capture Ratio	91.03	-	93.71

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.15	13.95	15.28
Price/Book Ratio	1.71	1.55	1.77
Avg Eff Duration	7.42	-	5.90

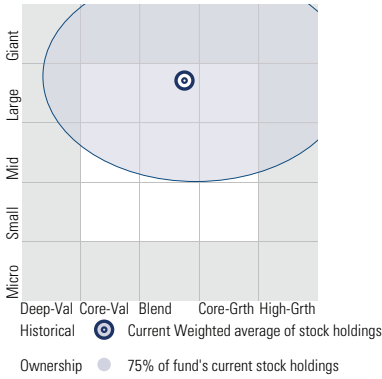
T. Rowe Price Retirement I 2050 | TRPMX

Morningstar Category
Target-Date 2050

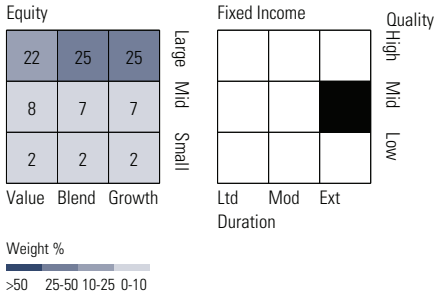
Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 03-31-2020

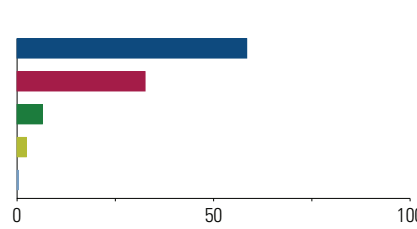
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	58.42	53.96
Non-US Stocks	32.56	32.23
Bonds	6.42	5.91
Cash	2.34	2.28
Other	0.26	5.62
Total	100.00	100.00

Sector Weighting as of 03-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	34.74	37.93	35.64			
Basic Materials	4.32	4.65	3.98			
Consumer Cyclical	10.22	9.29	9.93			
Financial Services	17.44	15.93	15.64			
Real Estate	2.76	8.06	6.09			
Sensitive	41.58	36.12	39.64			
Communication Services	8.98	7.02	8.74			
Energy	4.24	3.78	3.44			
Industrials	10.58	11.56	10.26			
Technology	17.78	13.76	17.20			
Defensive	23.68	25.95	24.71			
Consumer Defensive	5.83	8.83	7.47			
Healthcare	13.57	12.77	13.59			
Utilities	4.28	4.35	3.65			

Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	—	20.56	20.56	—	—
⊕ T. Rowe Price Value I	—	18.63	39.19	—	—
⊕ T. Rowe Price Equity Index 500 I	—	9.26	48.45	—	—
⊕ T. Rowe Price Overseas Stock I	—	7.78	56.23	—	—
⊕ T. Rowe Price International Value Eq I	—	7.51	63.74	—	—
⊕ T. Rowe Price International Stock I	—	7.26	71.00	—	—
⊕ T. Rowe Price Emerging Markets Stock I	—	5.03	76.03	—	—
⊕ T. Rowe Price Mid-Cap Growth I	—	3.88	79.91	—	—
⊕ T. Rowe Price Mid-Cap Value I	—	3.49	83.40	—	—
⊖ T. Rowe Price New Income I	—	3.19	86.59	—	—

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2050 | TRPMX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
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Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

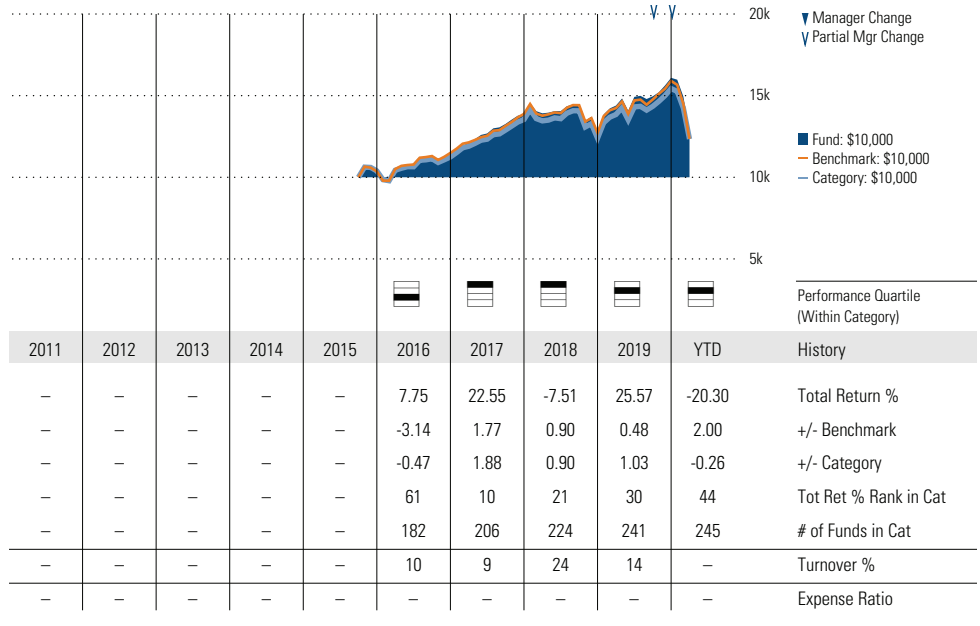
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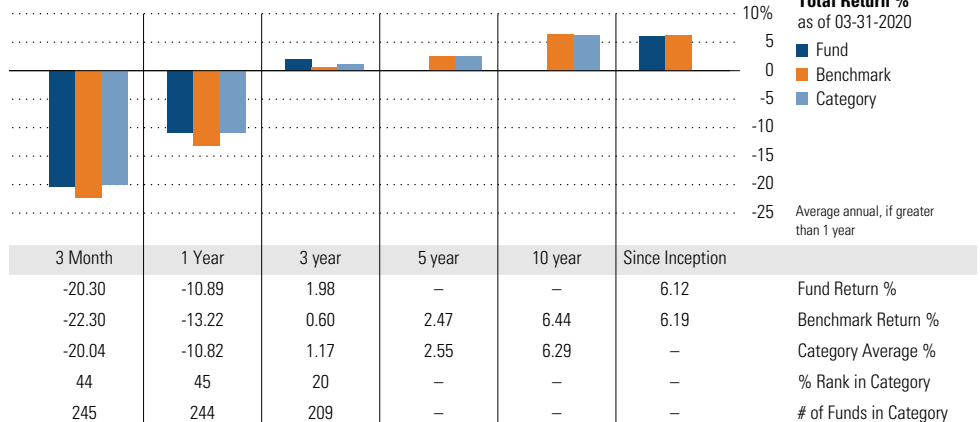
Growth of \$10,000



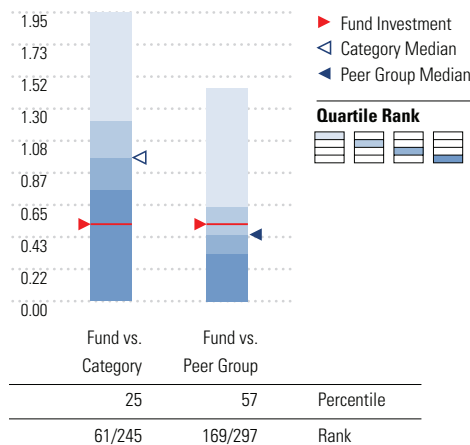
Morningstar Investment Management LLC Analysis

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Trailing Performance



Net Expense



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3-Year Risk Metrics

	Fund	Bmark	Cat
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Sharpe Ratio	0.09	-0.01	0.02
Tracking Error	1.67	-	1.88
Information Ratio	0.83	-	0.23
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Down Capture Ratio	91.03	-	93.71

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.15	13.95	15.28
Price/Book Ratio	1.71	1.55	1.77
Avg Eff Duration	7.42	-	5.90

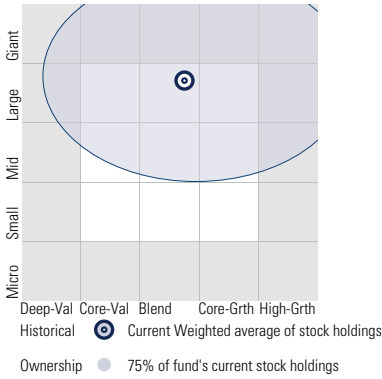
T. Rowe Price Retirement I 2050 I TRPMX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 03-31-2020

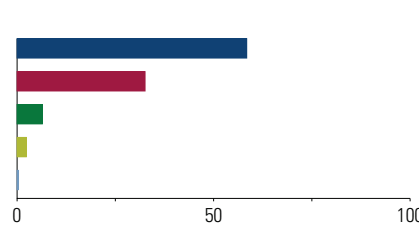
Morningstar Style Box™



Style Breakdown

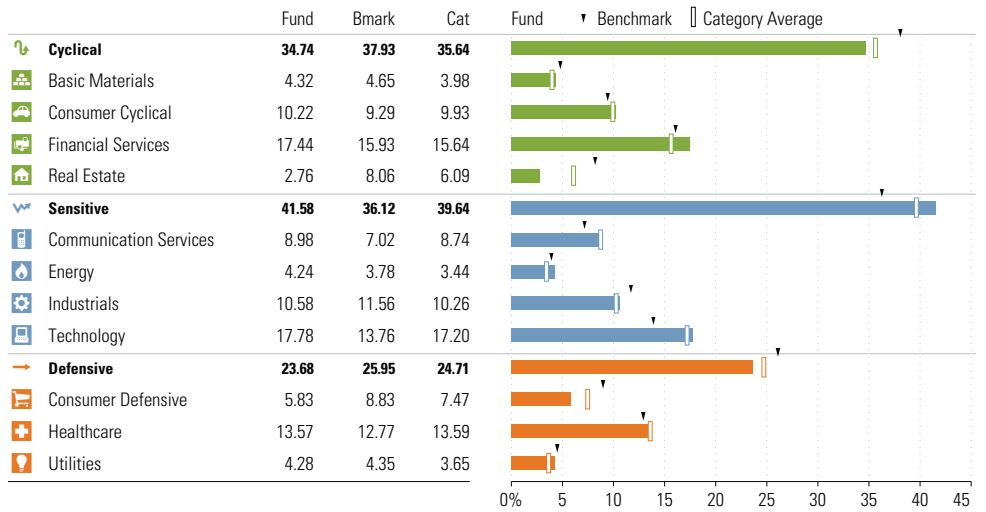


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	58.42	53.96
Non-US Stocks	32.56	32.23
Bonds	6.42	5.91
Cash	2.34	2.28
Other	0.26	5.62
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	20.56	20.56	-	-
⊕ T. Rowe Price Value I	-	18.63	39.19	-	-
⊕ T. Rowe Price Equity Index 500 I	-	9.26	48.45	-	-
⊕ T. Rowe Price Overseas Stock I	-	7.78	56.23	-	-
⊕ T. Rowe Price International Value Eq I	-	7.51	63.74	-	-
⊕ T. Rowe Price International Stock I	-	7.26	71.00	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	5.03	76.03	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.88	79.91	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.49	83.40	-	-
⊖ T. Rowe Price New Income I	-	3.19	86.59	-	-

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2055 I TRPNX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

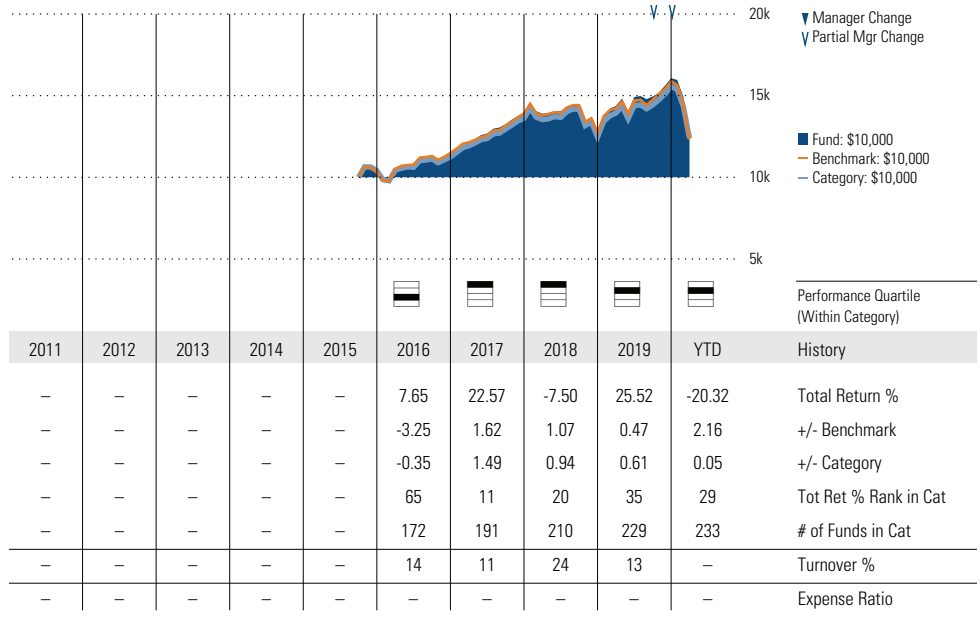
✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.52 is 31.58% lower than the Target-Date 2055 category average.

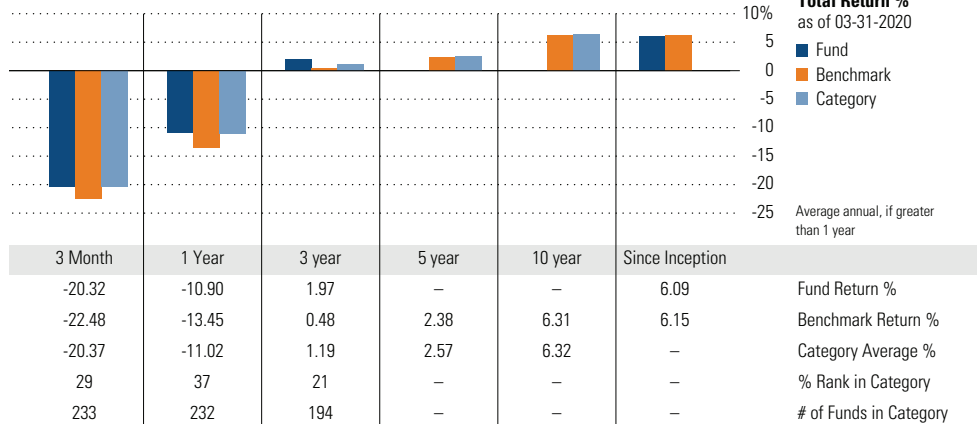
Growth of \$10,000



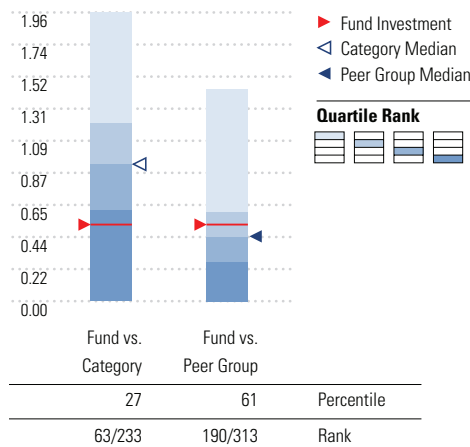
Morningstar Investment Management LLC Analysis

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

Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.45	-	0.61
Beta	0.95	-	0.96
R-Squared	98.68	-	98.85
Standard Deviation	13.96	14.55	14.01
Sharpe Ratio	0.09	-0.01	0.03
Tracking Error	1.74	-	1.65
Information Ratio	0.85	-	0.30
Up Capture Ratio	98.92	-	98.65
Down Capture Ratio	90.77	-	95.20

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.14	13.22	15.39
Price/Book Ratio	1.71	1.44	1.82
Avg Eff Duration	7.35	-	5.94

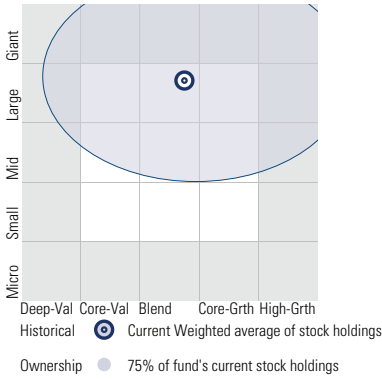
T. Rowe Price Retirement I 2055 I TRPNX

Morningstar Category
Target-Date 2055

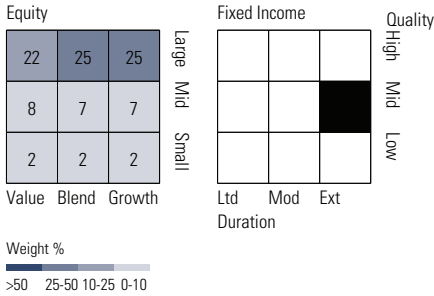
Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 03-31-2020

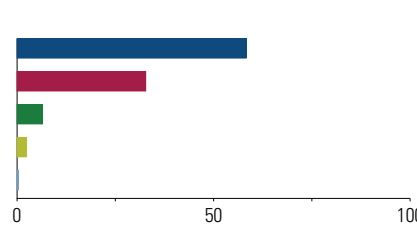
Morningstar Style Box™



Style Breakdown

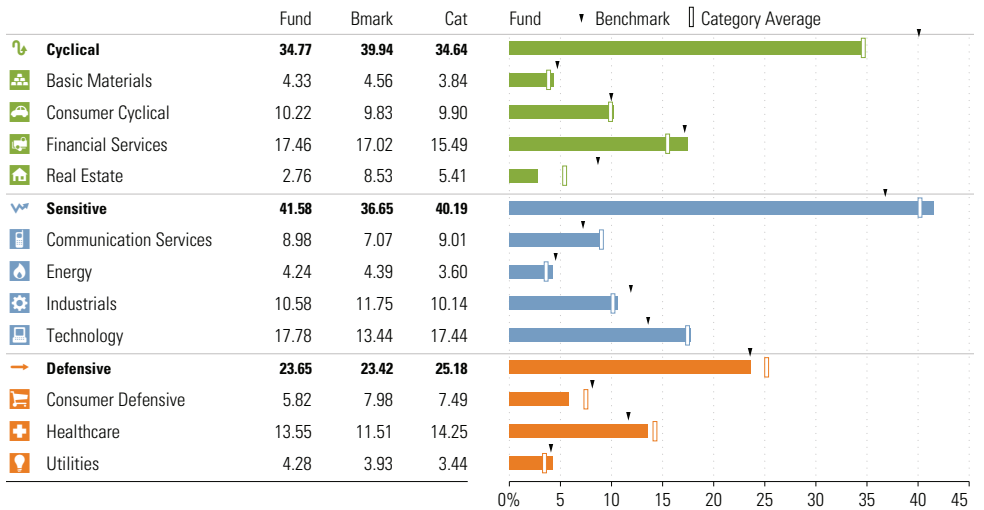


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	58.28	55.53
Non-US Stocks	32.72	32.63
Bonds	6.46	5.86
Cash	2.30	2.92
Other	0.26	3.07
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	—	20.59	20.59	—	—
⊕ T. Rowe Price Value I	—	18.66	39.25	—	—
⊕ T. Rowe Price Equity Index 500 I	—	9.09	48.34	—	—
⊕ T. Rowe Price Overseas Stock I	—	7.79	56.13	—	—
⊕ T. Rowe Price International Value Eq I	—	7.56	63.69	—	—
⊕ T. Rowe Price International Stock I	—	7.36	71.05	—	—
⊕ T. Rowe Price Emerging Markets Stock I	—	5.04	76.09	—	—
⊕ T. Rowe Price Mid-Cap Growth I	—	3.90	79.99	—	—
⊕ T. Rowe Price Mid-Cap Value I	—	3.49	83.49	—	—
⊖ T. Rowe Price New Income I	—	3.25	86.74	—	—

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2055 I TRPNX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

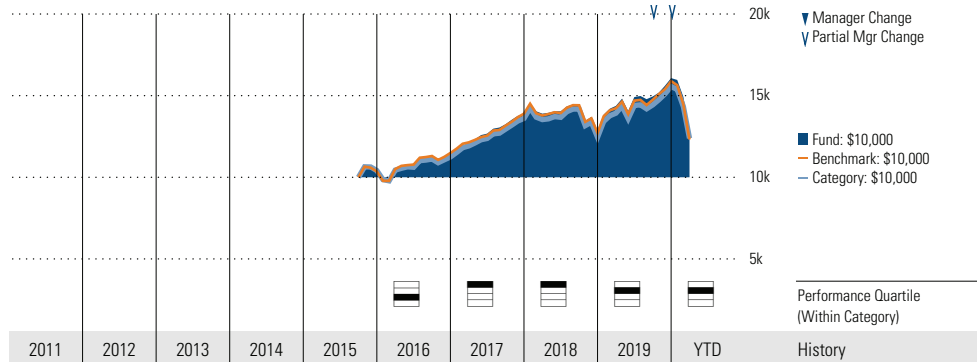
✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.52 is 31.58% lower than the Target-Date 2055 category average.

Growth of \$10,000

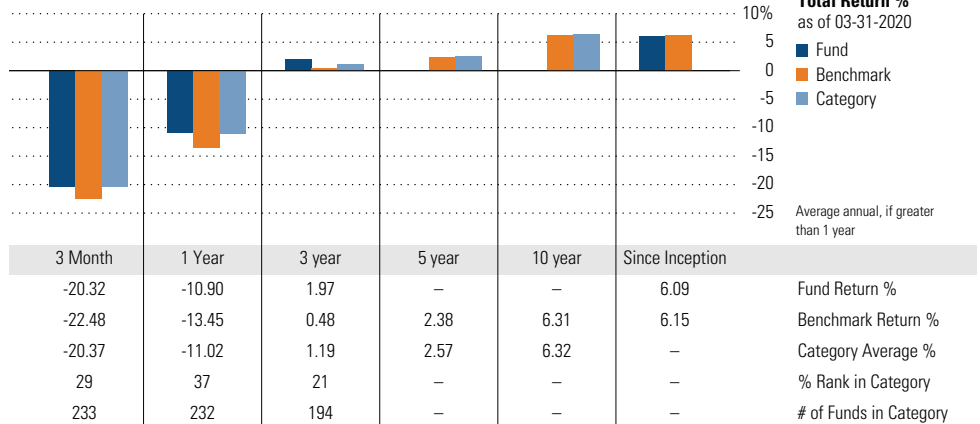


Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Total Return %	-	-	-	-	-	7.65	22.57	-7.50	25.52	-20.32	Total Return %
+/- Benchmark	-	-	-	-	-	-3.25	1.62	1.07	0.47	2.16	+/- Benchmark
+/- Category	-	-	-	-	-	-0.35	1.49	0.94	0.61	0.05	+/- Category
Tot Ret % Rank in Cat	-	-	-	-	-	65	11	20	35	29	Tot Ret % Rank in Cat
# of Funds in Cat	-	-	-	-	-	172	191	210	229	233	# of Funds in Cat
Turnover %	-	-	-	-	-	14	11	24	13	-	Turnover %
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Expense Ratio

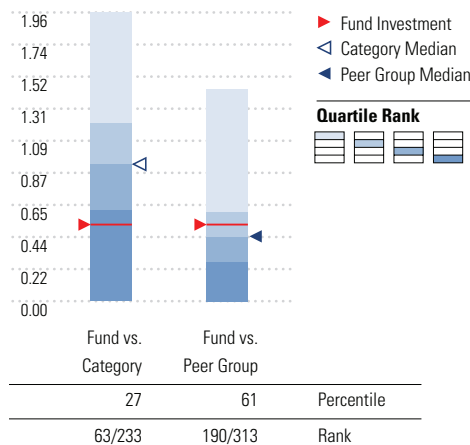
Morningstar Investment Management LLC Analysis

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Trailing Performance



Net Expense



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Alpha	1.45	-	0.61
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Portfolio Metrics

Metric	Fund	Bmark	Cat
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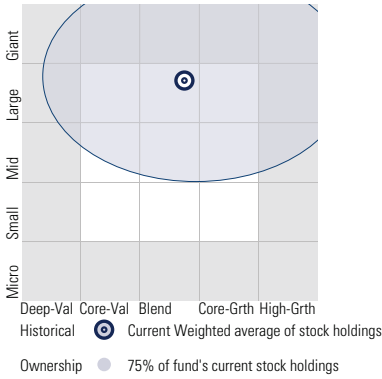
T. Rowe Price Retirement I 2055 | TRPNX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 03-31-2020

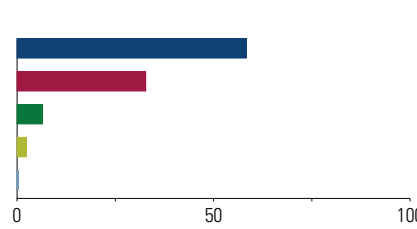
Morningstar Style Box™



Style Breakdown

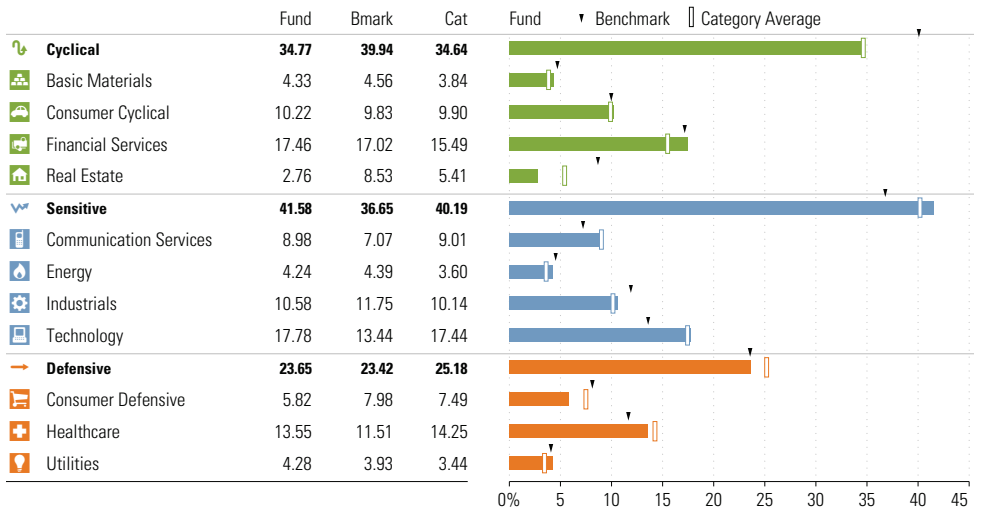


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	58.28	55.53
Non-US Stocks	32.72	32.63
Bonds	6.46	5.86
Cash	2.30	2.92
Other	0.26	3.07
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	20.59	20.59	-	-
⊕ T. Rowe Price Value I	-	18.66	39.25	-	-
⊕ T. Rowe Price Equity Index 500 I	-	9.09	48.34	-	-
⊕ T. Rowe Price Overseas Stock I	-	7.79	56.13	-	-
⊕ T. Rowe Price International Value Eq I	-	7.56	63.69	-	-
⊕ T. Rowe Price International Stock I	-	7.36	71.05	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	5.04	76.09	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.90	79.99	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.49	83.49	-	-
⊖ T. Rowe Price New Income I	-	3.25	86.74	-	-

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2060 I TRPLX

Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
Wyatt Lee since 09-2015
Kim DeDominicis since 10-2019
Andrew van Merlen since 01-2020

Quantitative Screens

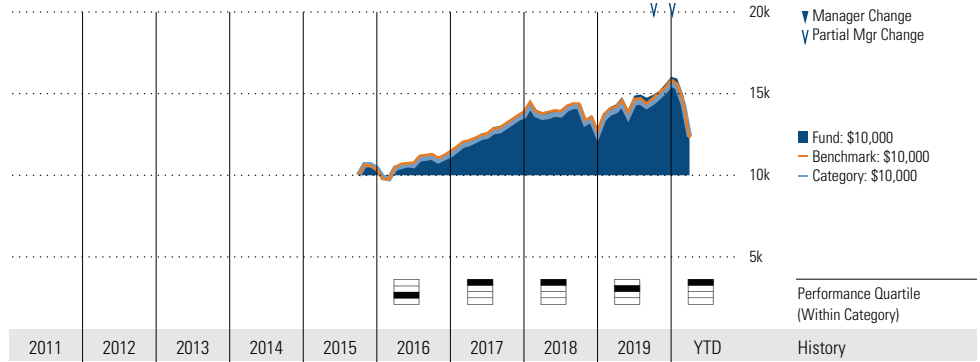
✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.52 is 30.67% lower than the Target-Date 2060+ category average.

Growth of \$10,000

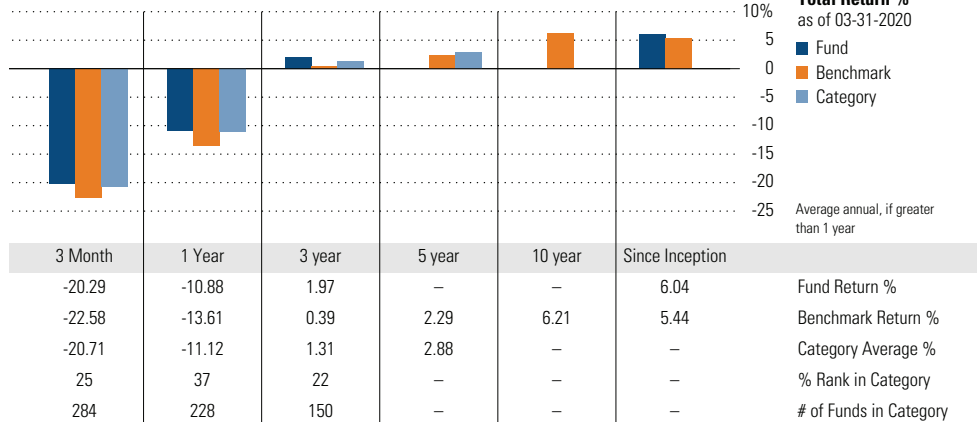


2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
-	-	-	-	-	7.37	22.53	-7.44	25.48	-20.29	Total Return %
-	-	-	-	-	-3.51	1.47	1.25	0.52	2.29	+/- Benchmark
-	-	-	-	-	-0.44	1.26	1.08	0.33	0.42	+/- Category
-	-	-	-	-	66	15	18	43	25	Tot Ret % Rank in Cat
-	-	-	-	-	97	147	192	216	284	# of Funds in Cat
-	-	-	-	-	14	13	27	17	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

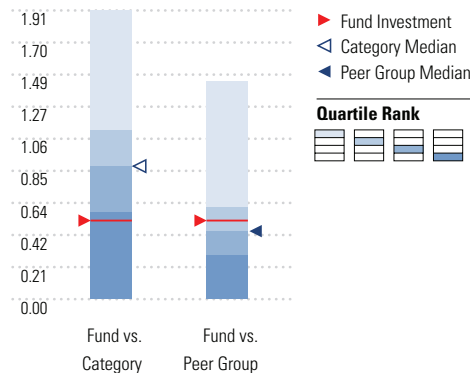
Morningstar Investment Management LLC Analysis

This fund fails our current style screen, but we generally do not regard style drift in target-date funds as significant.

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	1.54	-	0.85
Beta	0.95	-	0.96
R-Squared	98.68	-	98.71
Standard Deviation	13.96	14.58	14.07
Sharpe Ratio	0.09	-0.02	0.04
Tracking Error	1.75	-	1.74
Information Ratio	0.90	-	0.42
Up Capture Ratio	98.92	-	99.78
Down Capture Ratio	90.27	-	94.99

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.16	13.86	15.38
Price/Book Ratio	1.71	1.53	1.82
Avg Eff Duration	7.46	-	5.93

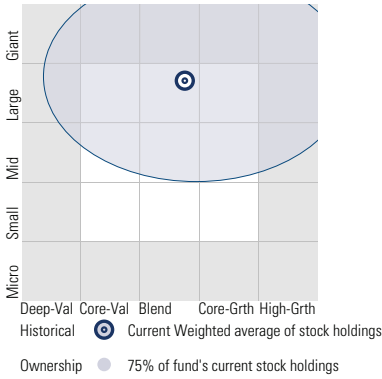
T. Rowe Price Retirement I 2060 I TRPLX

Morningstar Category
Target-Date 2060+

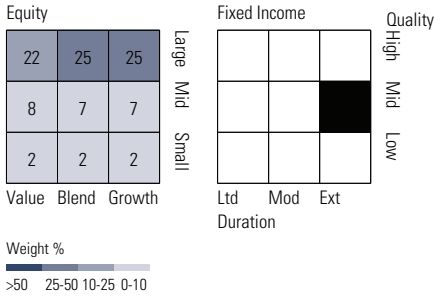
Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Style Analysis as of 03-31-2020

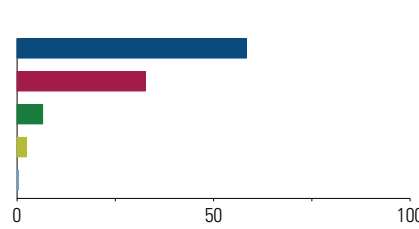
Morningstar Style Box™



Style Breakdown

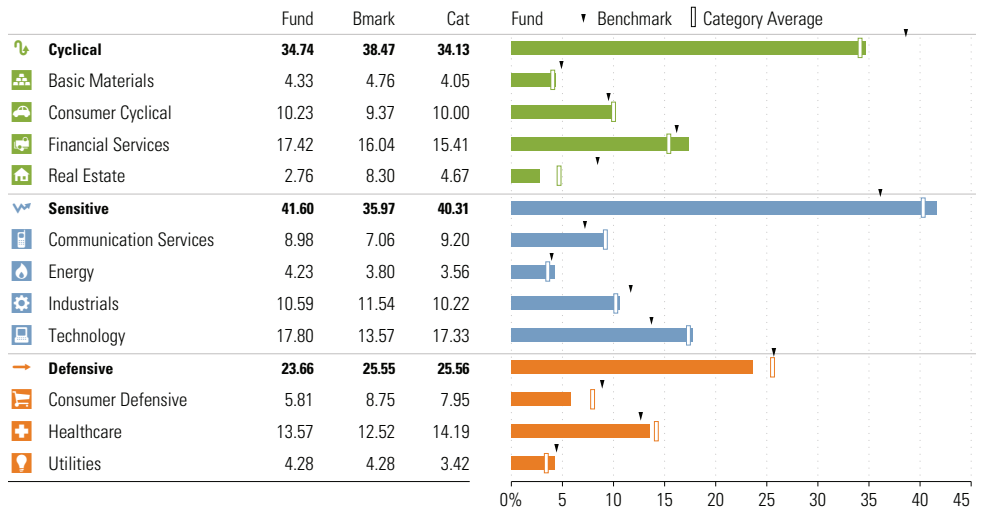


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	58.31	53.21
Non-US Stocks	32.64	33.71
Bonds	6.49	7.63
Cash	2.31	2.83
Other	0.26	2.61
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	20.67	20.67	-	-
⊕ T. Rowe Price Value I	-	18.63	39.30	-	-
⊕ T. Rowe Price Equity Index 500 I	-	8.94	48.24	-	-
⊕ T. Rowe Price Overseas Stock I	-	7.74	55.98	-	-
⊕ T. Rowe Price International Value Eq I	-	7.54	63.52	-	-
⊕ T. Rowe Price International Stock I	-	7.35	70.87	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	5.01	75.88	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.92	79.80	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.48	83.27	-	-
⊖ T. Rowe Price New Income I	-	3.22	86.49	-	-

Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2060 I TRPLX

Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015
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Andrew van Merlen since 01-2020

Quantitative Screens

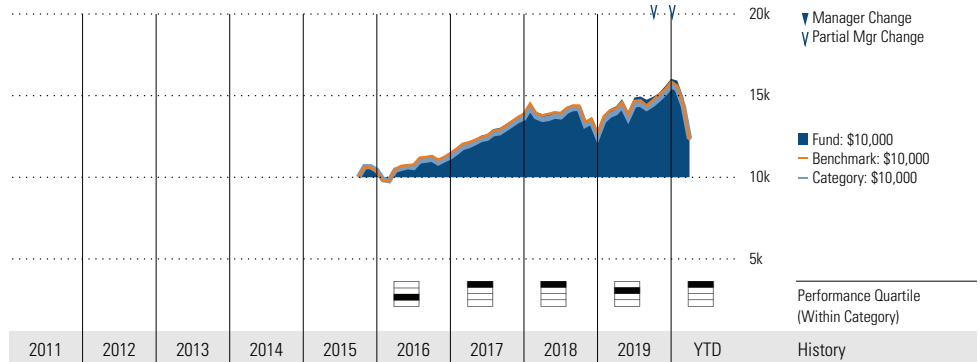
✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.51 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.52 is 30.67% lower than the Target-Date 2060+ category average.

Growth of \$10,000

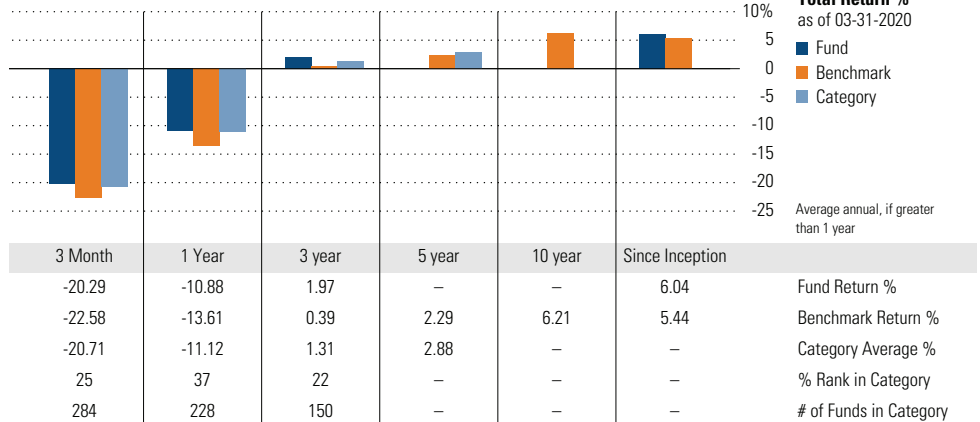


2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
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-	-	-	-	-	-	-	-	-	-	Expense Ratio

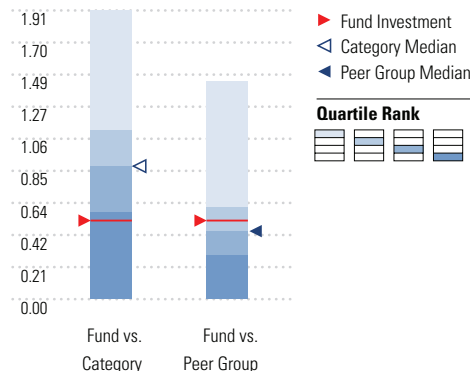
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Net Expense



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Portfolio Metrics

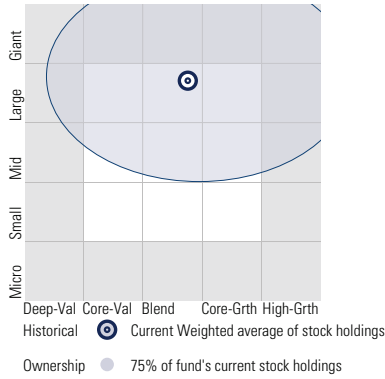
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T. Rowe Price Retirement I 2060 I TRPLX

Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

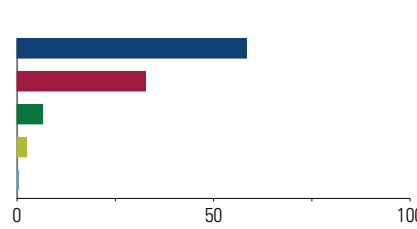
Style Analysis as of 03-31-2020
Morningstar Style Box™



Style Breakdown

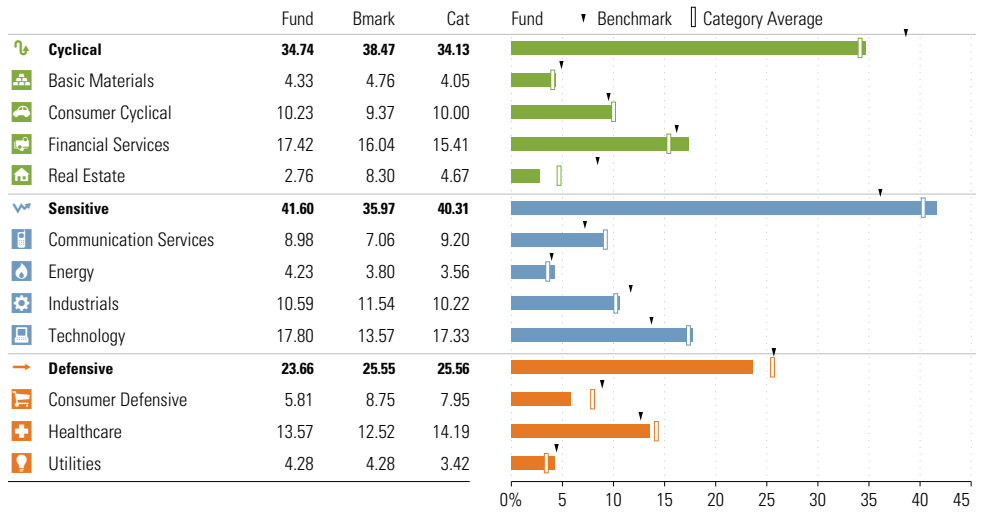


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Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

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Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Donald Butler since 04-2016

Michelle Louie since 11-2017

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 3.93 years.

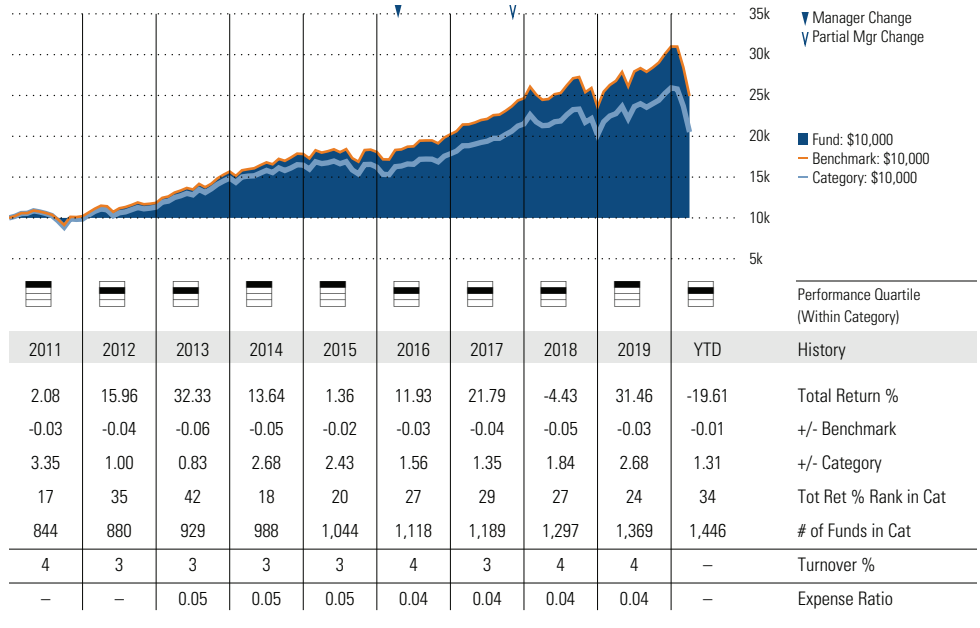
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.4% lower than the Large Blend category average.

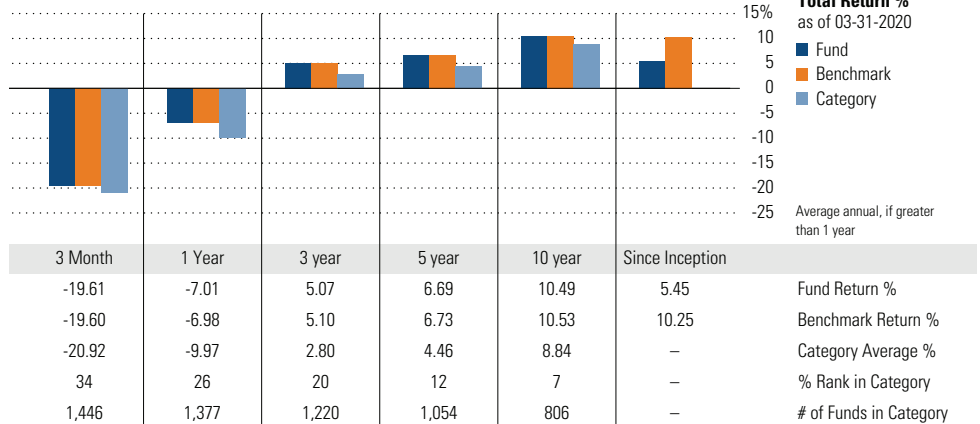
Morningstar Investment Management LLC Analysis

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

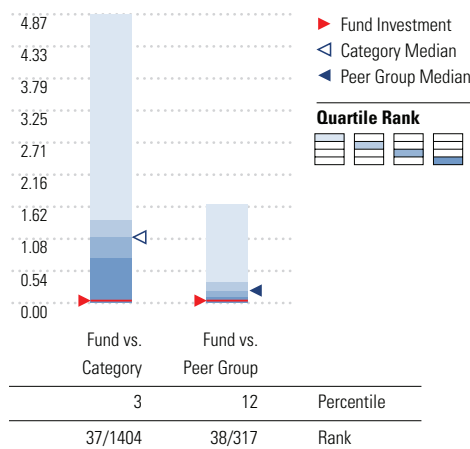
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.04	-	-2.23
Beta	1.00	-	0.99
R-Squared	100.00	-	94.99
Standard Deviation	15.22	15.21	15.38
Sharpe Ratio	0.29	0.29	0.14
Tracking Error	0.01	-	3.28
Information Ratio	-3.83	-	-1.19
Up Capture Ratio	99.88	-	90.76
Down Capture Ratio	100.06	-	101.53

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.91	17.90	16.40
Price/Book Ratio	2.68	2.67	2.71
Geom Avg Mkt Cap \$B	111.73	111.51	146.57
ROE	27.23	27.15	28.57

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 03-31-2020

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.58	5.58	0.33	Technology
⊕ Apple Inc	4.93	10.51	-13.14	Technology
⊕ Amazon.com Inc	3.77	14.28	5.51	Consumer Cyclical
⊕ Facebook Inc A	1.86	16.14	-18.73	Communication Svc
⊕ Berkshire Hathaway Inc B	1.62	17.76	-19.28	Financial Services
⊕ Alphabet Inc Class C	1.62	19.37	-13.03	Communication Svc
⊕ Alphabet Inc A	1.61	20.99	-13.25	Communication Svc
⊕ Johnson & Johnson	1.60	22.59	-9.45	Healthcare
⊕ Visa Inc Class A	1.28	23.87	-14.09	Financial Services
⊕ Procter & Gamble Co	1.27	25.14	-11.33	Consumer Defensive
⊖ JPMorgan Chase & Co	1.24	26.38	-34.77	Financial Services
⊕ UnitedHealth Group Inc	1.10	27.48	-14.80	Healthcare
⊕ Intel Corp	1.09	28.57	-9.02	Technology
⊕ Verizon Communications Inc	1.03	29.60	-11.49	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	-18.97	Financial Services

Total Holdings 514

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Donald Butler since 04-2016
Michelle Louie since 11-2017

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 3.93 years.

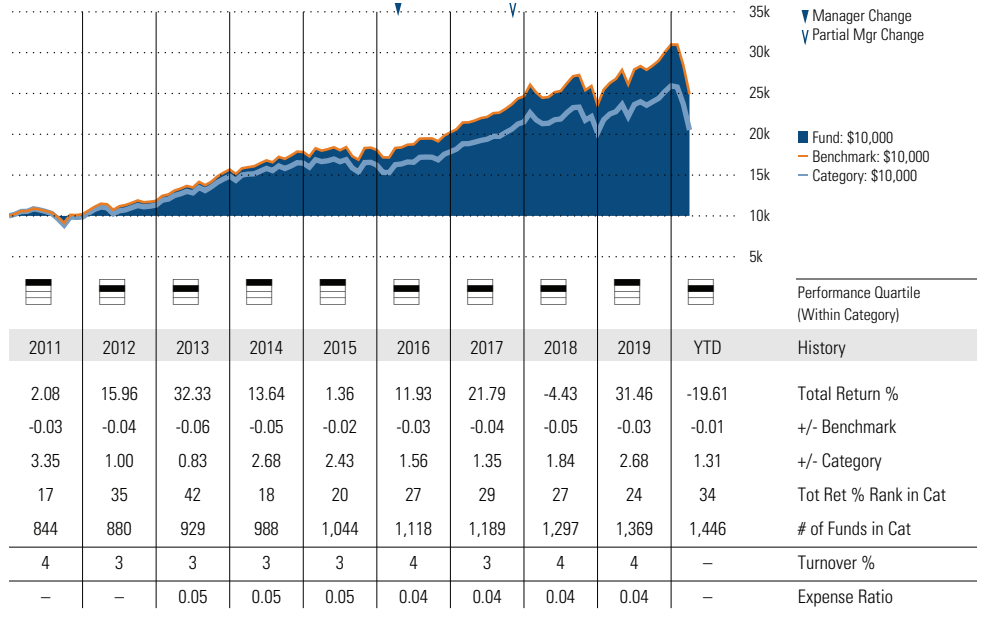
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.4% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

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

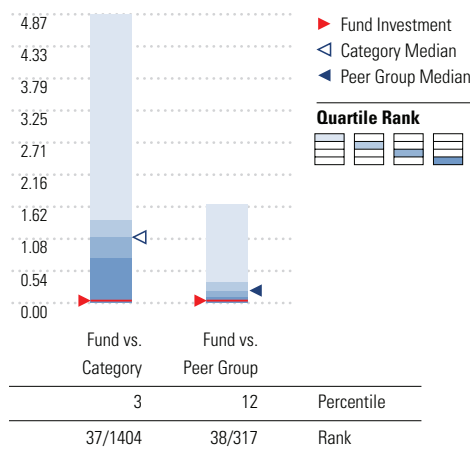
Growth of \$10,000



Trailing Performance



Net Expense



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3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.04	-	-2.23
Beta	1.00	-	0.99
R-Squared	100.00	-	94.99
Standard Deviation	15.22	15.21	15.38
Sharpe Ratio	0.29	0.29	0.14
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Information Ratio	-3.83	-	-1.19
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Down Capture Ratio	100.06	-	101.53

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.91	17.90	16.40
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Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 03-31-2020

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
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⊕ Verizon Communications Inc	1.03	29.60	-11.49	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	-18.97	Financial Services

Total Holdings 514

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

Sandy Nairn since 05-2008
Michael Bennett since 05-2010
Michael Fry since 05-2010
Steven Morrow since 08-2012
A. Krishna since 08-2012

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.88 years.

✘ **Style:** The fund has landed in its primary style box — Large Value — 27.27 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average.

Growth of \$10,000



Morningstar Investment Management LLC Analysis

This foreign large value fund fails our style consistency screen owing to its occasional drift into the blend portion of the style box. However, the movement has been minor and the fund still pursues a value-oriented strategy.

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	-1.41	-	-4.40
Beta	1.09	-	1.10
R-Squared	96.40	-	92.94
Standard Deviation	16.13	14.58	16.66
Sharpe Ratio	-0.25	-0.17	-0.42
Tracking Error	3.31	-	4.77
Information Ratio	-0.51	-	-1.01
Up Capture Ratio	101.85	-	94.03
Down Capture Ratio	110.15	-	118.42

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	13.90	9.60
Price/Book Ratio	1.38	1.27	0.83
Geom Avg Mkt Cap \$B	42.13	30.88	23.32
ROE	14.51	15.37	12.88

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 03-31-2020

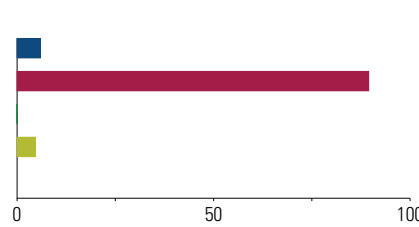
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	5.92	2.38
Non-US Stocks	89.46	95.05
Bonds	0.01	0.22
Cash	4.61	2.27
Other	0.00	0.08
Total	100.00	100.00

Sector Weighting as of 03-31-2020



World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.88	32.90	Americas	7.63	6.66	Greater Europe	54.50	60.45	Developed Markets	89.21
Japan	16.48	18.44	North America	6.32	5.99	United Kingdom	16.11	19.56	Emerging Markets	10.79
Australasia	0.50	3.06	Central/Latin	1.31	0.67	W euro-ex UK	37.45	40.00	Not Available	0.00
Asia-4 Tigers	12.37	7.63				Emrgng Europe	0.41	0.52		
Asia-ex 4 Tigers	8.53	3.77				Africa	0.53	0.37		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Market Liquidity Inv	4.52	4.52	-	-
⊕ Sanofi SA	2.46	6.98	-10.58	Healthcare
⊖ Novartis AG	2.27	9.26	-9.90	Healthcare
⊖ Samsung Electronics Co Ltd	2.14	11.40	-	Technology
⊖ Royal Dutch Shell PLC Class A	1.86	13.26	-34.88	Energy
⊕ Tesco PLC	1.69	14.95	-10.34	Consumer Defensive
⊕ Hitachi Ltd	1.55	16.50	-32.06	Industrials
⊕ Fresenius Medical Care AG & Co. KGaA	1.47	17.97	-8.73	Healthcare
⊖ Vodafone Group PLC	1.41	19.38	-23.00	Communication Svc
⊖ DBS Group Holdings Ltd	1.40	20.79	-	Financial Services

Total Holdings 153

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

Sandy Nairn since 05-2008
Michael Bennett since 05-2010
Michael Fry since 05-2010
Steven Morrow since 08-2012
A. Krishna since 08-2012

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.88 years.

✘ **Style:** The fund has landed in its primary style box — Large Value — 27.27 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average.

Growth of \$10,000



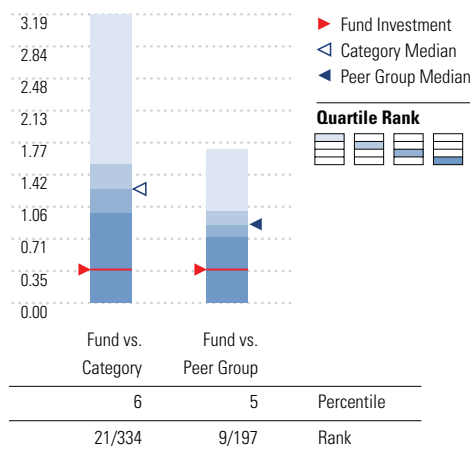
Morningstar Investment Management LLC Analysis

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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	-1.41	-	-4.40
Beta	1.09	-	1.10
R-Squared	96.40	-	92.94
Standard Deviation	16.13	14.58	16.66
Sharpe Ratio	-0.25	-0.17	-0.42
Tracking Error	3.31	-	4.77
Information Ratio	-0.51	-	-1.01
Up Capture Ratio	101.85	-	94.03
Down Capture Ratio	110.15	-	118.42

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	13.90	9.60
Price/Book Ratio	1.38	1.27	0.83
Geom Avg Mkt Cap \$B	42.13	30.88	23.32
ROE	14.51	15.37	12.88

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 03-31-2020

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	5.92	2.38
Non-US Stocks	89.46	95.05
Bonds	0.01	0.22
Cash	4.61	2.27
Other	0.00	0.08
Total	100.00	100.00

Sector Weighting as of 03-31-2020



World Regions % Equity 03-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.88	32.90	Americas	7.63	6.66	Greater Europe	54.50	60.45	Developed Markets	89.21
Japan	16.48	18.44	North America	6.32	5.99	United Kingdom	16.11	19.56	Emerging Markets	10.79
Australasia	0.50	3.06	Central/Latin	1.31	0.67	W euro-ex UK	37.45	40.00	Not Available	0.00
Asia-4 Tigers	12.37	7.63				Emrgng Europe	0.41	0.52		
Asia-ex 4 Tigers	8.53	3.77				Africa	0.53	0.37		
Not Classified	0.00	0.00								

Top 10 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Market Liquidity Inv	4.52	4.52	-	-
⊕ Sanofi SA	2.46	6.98	-10.58	Healthcare
⊖ Novartis AG	2.27	9.26	-9.90	Healthcare
⊖ Samsung Electronics Co Ltd	2.14	11.40	-	Technology
⊖ Royal Dutch Shell PLC Class A	1.86	13.26	-34.88	Energy
⊕ Tesco PLC	1.69	14.95	-10.34	Consumer Defensive
⊕ Hitachi Ltd	1.55	16.50	-32.06	Industrials
⊕ Fresenius Medical Care AG & Co. KGaA	1.47	17.97	-8.73	Healthcare
⊖ Vodafone Group PLC	1.41	19.38	-23.00	Communication Svc
⊖ DBS Group Holdings Ltd	1.40	20.79	-	Financial Services

Total Holdings 153

⊕ 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
Michael Johnson since 04-2016

Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Value 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 13.63 years.

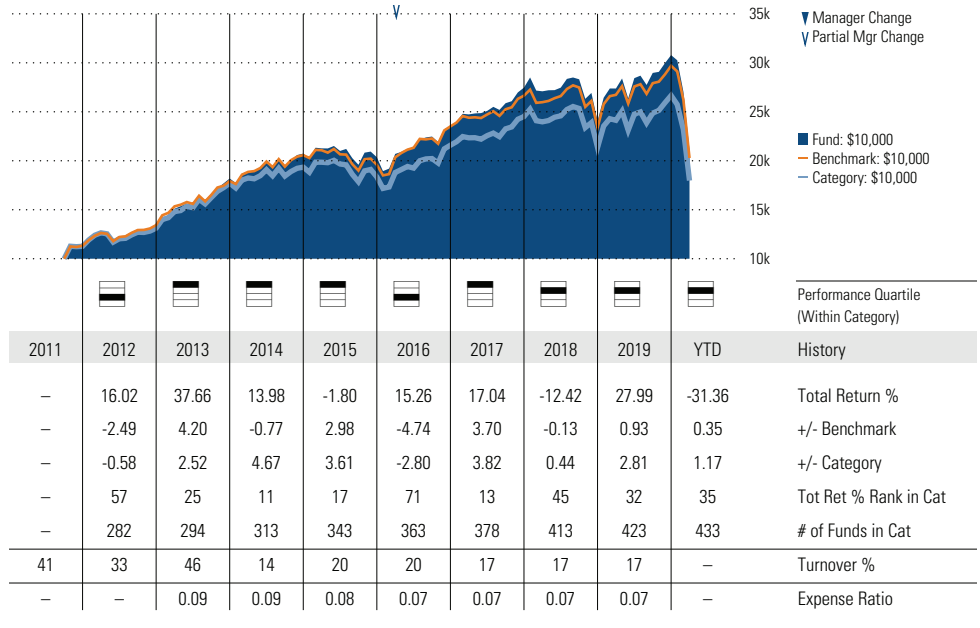
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.27% lower than the Mid-Cap Value category average.

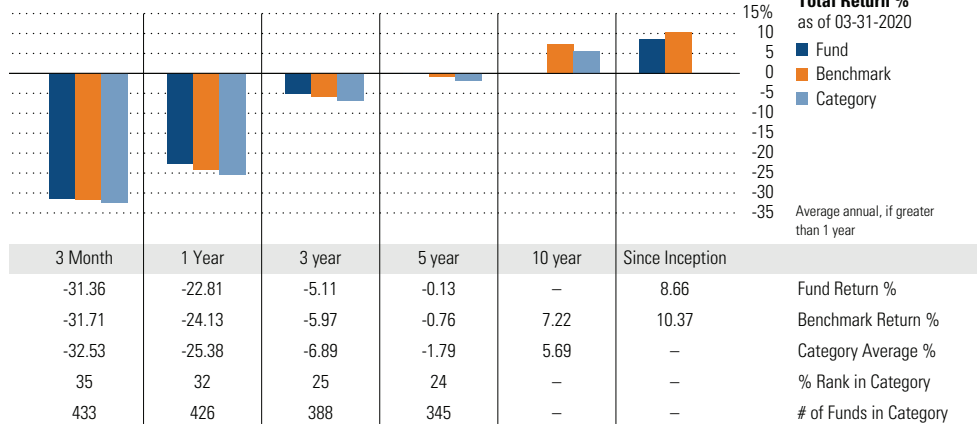
Morningstar Investment Management LLC Analysis

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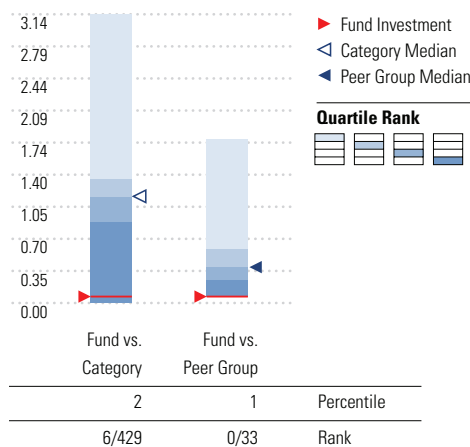
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.92	-	-0.80
Beta	1.00	-	1.03
R-Squared	99.12	-	96.23
Standard Deviation	19.63	19.52	20.44
Sharpe Ratio	-0.25	-0.30	-0.32
Tracking Error	1.85	-	4.29
Information Ratio	0.46	-	-0.17
Up Capture Ratio	102.36	-	102.10
Down Capture Ratio	98.19	-	105.84

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.66	12.39	10.28
Price/Book Ratio	1.73	1.34	1.11
Geom Avg Mkt Cap \$B	13.50	9.66	7.95
ROE	14.64	11.68	13.03

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

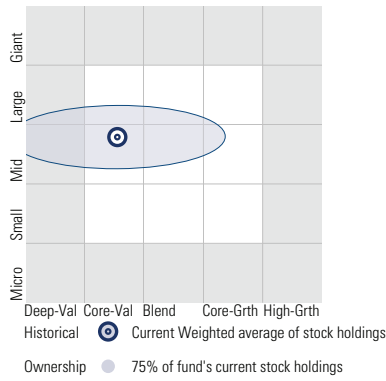
Mid-Cap Value

Morningstar Index

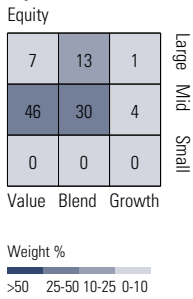
Russell Mid Cap Value TR USD

Style Analysis as of 03-31-2020

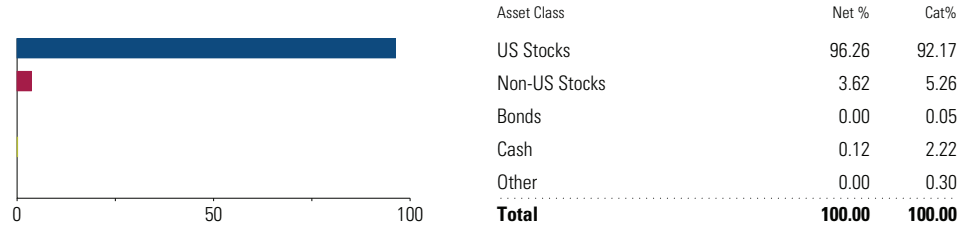
Morningstar Style Box™



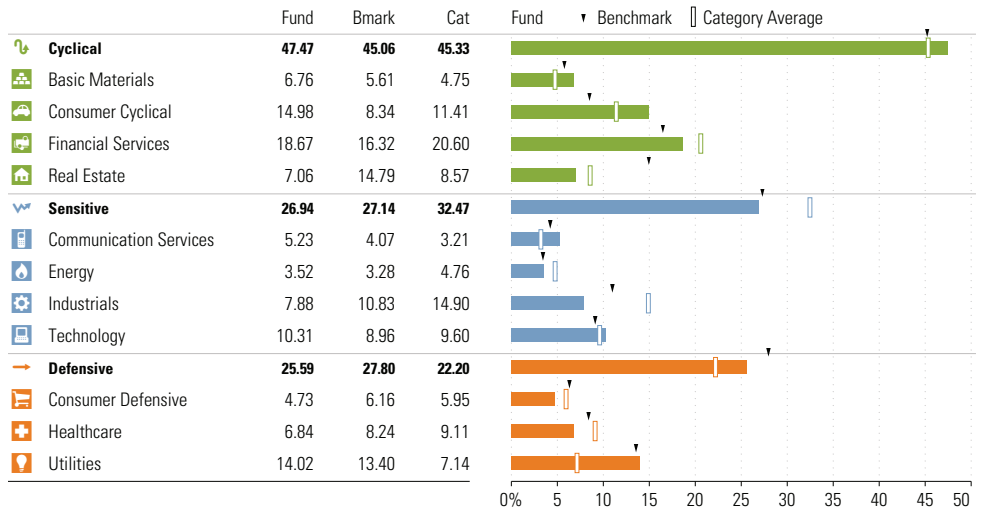
Style Breakdown



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Newmont Corp	1.87	1.87	4.53	Basic Materials
⊖ WEC Energy Group Inc	1.49	3.36	-3.76	Utilities
⊖ Motorola Solutions Inc	1.45	4.81	-17.12	Technology
⊖ Eversource Energy	1.43	6.25	-7.40	Utilities
⊖ Willis Towers Watson PLC	1.25	7.49	-15.55	Financial Services
⊖ FirstEnergy Corp	1.23	8.72	-16.75	Utilities
⊖ Entergy Corp	1.19	9.92	-20.78	Utilities
⊖ American Water Works Co Inc	1.14	11.06	-2.27	Utilities
⊖ DTE Energy Co	1.09	12.15	-26.09	Utilities
⊖ Clorox Co	1.02	13.18	13.53	Consumer Defensive
⊖ Ameren Corp	0.99	14.17	-4.52	Utilities
⊖ D.R. Horton Inc	0.95	15.13	-35.21	Consumer Cyclical
⊖ Liberty Broadband Corp C	0.93	16.06	-11.95	Communication Svc
⊖ The Hartford Financial Services Group Inc	0.92	16.98	-41.48	Financial Services
⊖ Keysight Technologies Inc	0.91	17.89	-18.46	Technology

Total Holdings 201

⊕ 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
Michael Johnson since 04-2016

Quantitative Screens

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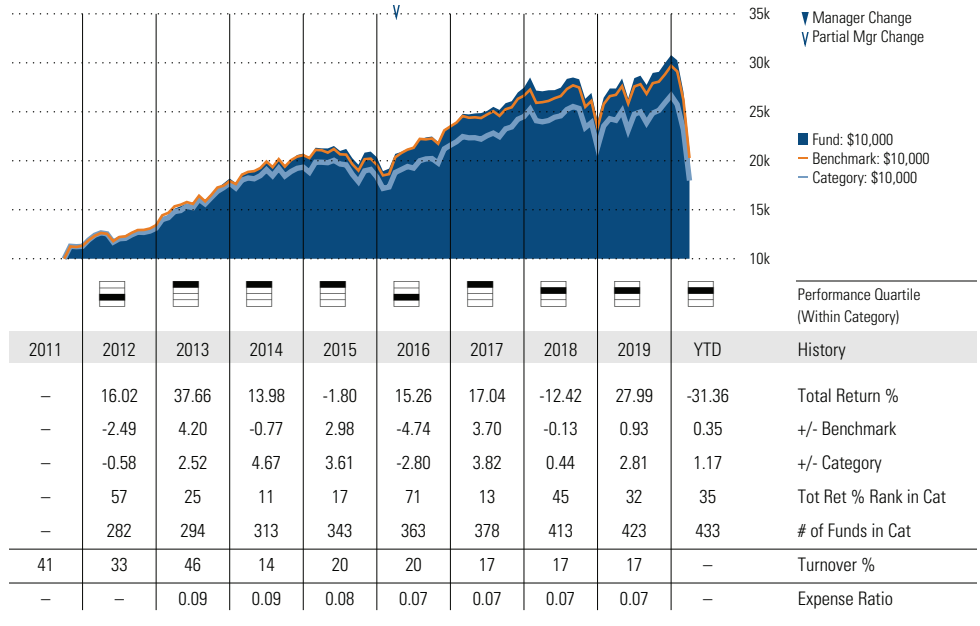
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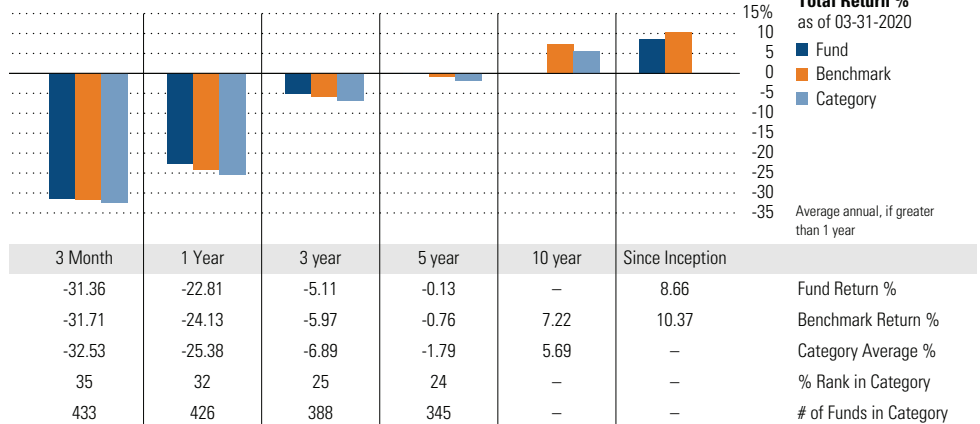
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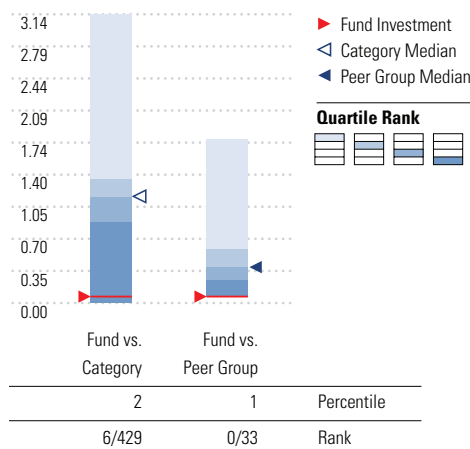
Growth of \$10,000



Trailing Performance



Net Expense



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3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.92	—	-0.80
Beta	1.00	—	1.03
R-Squared	99.12	—	96.23
Standard Deviation	19.63	19.52	20.44
Sharpe Ratio	-0.25	-0.30	-0.32
Tracking Error	1.85	—	4.29
Information Ratio	0.46	—	-0.17
Up Capture Ratio	102.36	—	102.10
Down Capture Ratio	98.19	—	105.84

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.66	12.39	10.28
Price/Book Ratio	1.73	1.34	1.11
Geom Avg Mkt Cap \$B	13.50	9.66	7.95
ROE	14.64	11.68	13.03

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

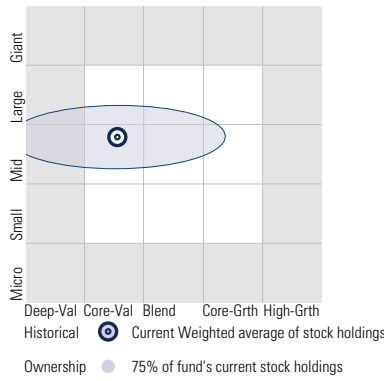
Mid-Cap Value

Morningstar Index

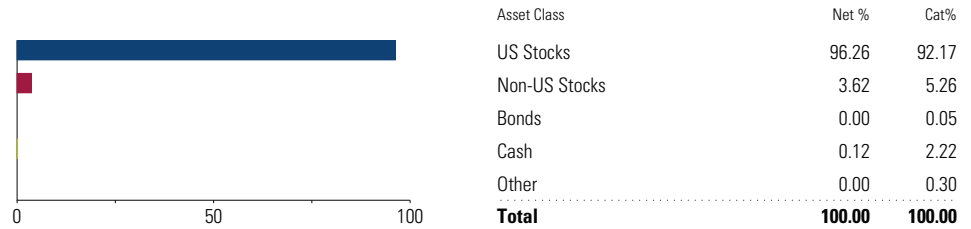
Russell Mid Cap Value TR USD

Style Analysis as of 03-31-2020

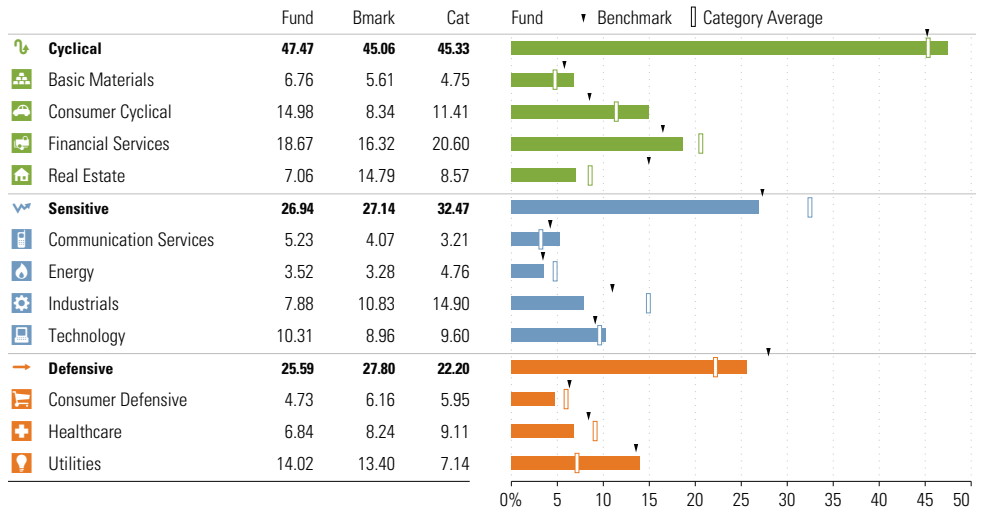
Morningstar Style Box™



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Style Breakdown



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Newmont Corp	1.87	1.87	4.53	Basic Materials
⊖ WEC Energy Group Inc	1.49	3.36	-3.76	Utilities
⊖ Motorola Solutions Inc	1.45	4.81	-17.12	Technology
⊖ Eversource Energy	1.43	6.25	-7.40	Utilities
⊖ Willis Towers Watson PLC	1.25	7.49	-15.55	Financial Services
⊖ FirstEnergy Corp	1.23	8.72	-16.75	Utilities
⊖ Entergy Corp	1.19	9.92	-20.78	Utilities
⊖ American Water Works Co Inc	1.14	11.06	-2.27	Utilities
⊖ DTE Energy Co	1.09	12.15	-26.09	Utilities
⊖ Clorox Co	1.02	13.18	13.53	Consumer Defensive
⊖ Ameren Corp	0.99	14.17	-4.52	Utilities
⊖ D.R. Horton Inc	0.95	15.13	-35.21	Consumer Cyclical
⊖ Liberty Broadband Corp C	0.93	16.06	-11.95	Communication Svc
⊖ The Hartford Financial Services Group Inc	0.92	16.98	-41.48	Financial Services
⊖ Keysight Technologies Inc	0.91	17.89	-18.46	Technology

Total Holdings 201

⊕ 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 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.93 years.

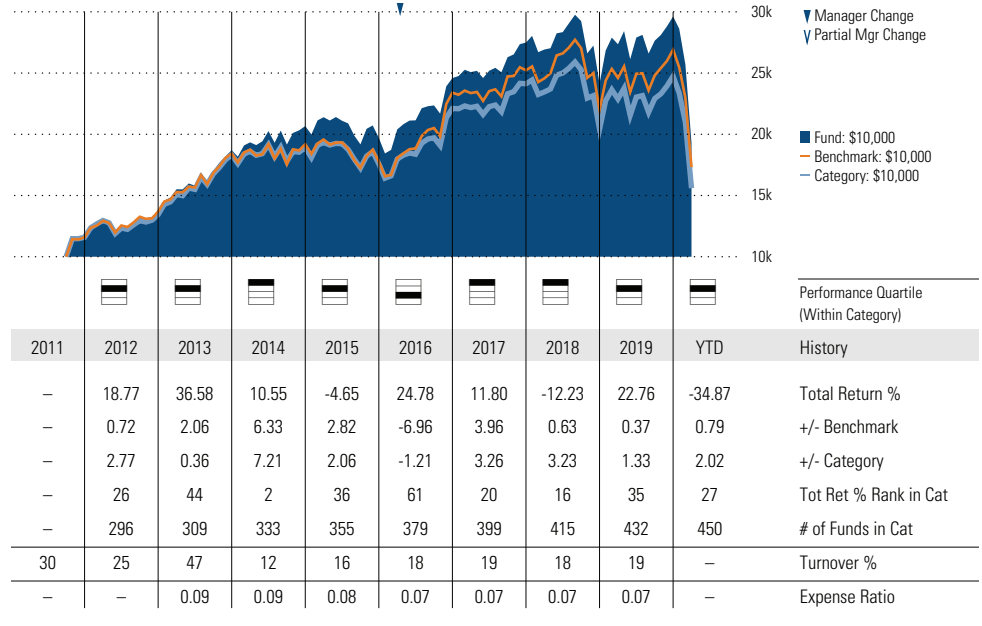
✘ **Style:** The fund has landed in its primary style box — Small Value — 48.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.12% lower than the Small Value category average.

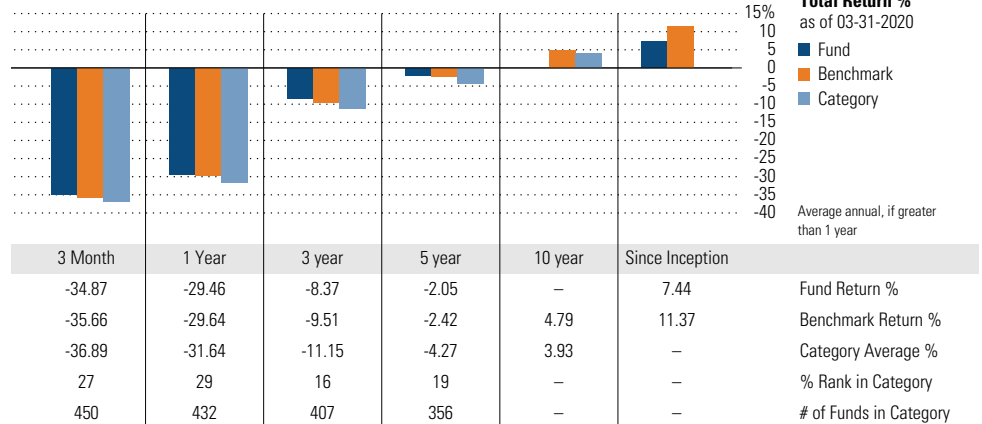
Morningstar Investment Management LLC Analysis

This fund fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

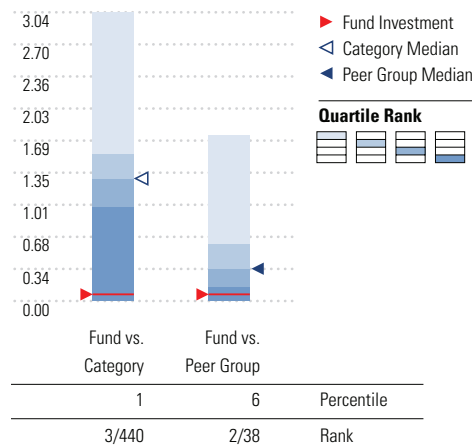
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.90	-	-1.11
Beta	0.97	-	1.02
R-Squared	98.32	-	96.43
Standard Deviation	21.84	22.39	23.27
Sharpe Ratio	-0.36	-0.40	-0.44
Tracking Error	2.92	-	4.66
Information Ratio	0.39	-	-0.29
Up Capture Ratio	94.53	-	97.38
Down Capture Ratio	92.67	-	102.79

Portfolio Metrics

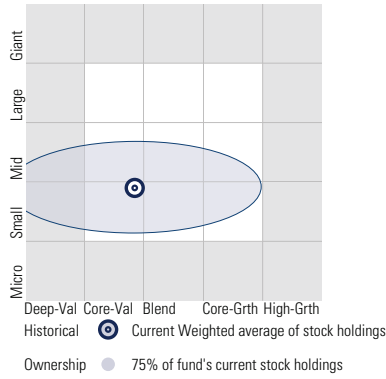
	Fund	Bmark	Cat
Price/Earnings Ratio	10.83	10.07	9.68
Price/Book Ratio	1.14	0.93	0.91
Geom Avg Mkt Cap \$B	2.78	1.19	2.02
ROE	11.02	6.00	10.82

Vanguard Small Cap Value Index Admiral VSIAX

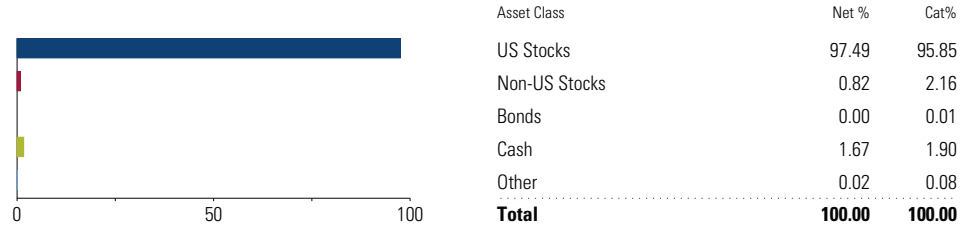
Morningstar Category
Small Value

Morningstar Index
Russell 2000 Value TR USD

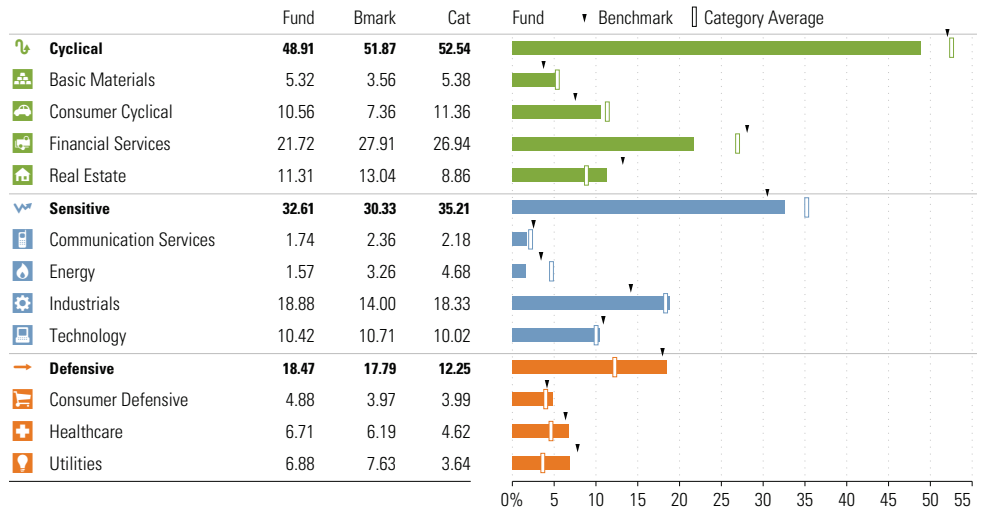
Style Analysis as of 03-31-2020
Morningstar Style Box™



Asset Allocation as of 03-31-2020



Sector Weighting as of 03-31-2020



Style Breakdown



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	1.15	1.15	-	-
⊕ Leidos Holdings Inc	0.94	2.08	-6.03	Technology
⊕ Atmos Energy Corp	0.85	2.94	-10.78	Utilities
⊕ IDEX Corp	0.76	3.70	-19.41	Industrials
⊕ Booz Allen Hamilton Holding Corp Class A	0.70	4.39	-3.06	Industrials
⊕ Medical Properties Trust Inc	0.65	5.04	-16.82	Real Estate
⊕ Essential Utilities Inc	0.63	5.67	-12.79	Utilities
⊕ Molina Healthcare Inc	0.63	6.31	2.96	Healthcare
⊕ Brown & Brown Inc	0.63	6.93	-8.04	Financial Services
⊕ Cypress Semiconductor Corp	0.62	7.56	0.43	Technology
⊕ Allegion PLC	0.62	8.17	-25.86	Industrials
⊕ PerkinElmer Inc	0.60	8.78	-22.40	Healthcare
⊕ RPM International Inc	0.56	9.33	-22.02	Basic Materials
⊕ Carlisle Companies Inc	0.51	9.85	-22.28	Industrials
⊖ Cmt Market Liquidity Rate	0.51	10.35	-	-

Total Holdings 862

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Wells Fargo Small Company Growth R6 WSCRX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Portfolio Manager(s)

Paul von Kuster since 11-1994
Daniel Hagen since 02-2003
William Grierson since 04-2005

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.4 years.

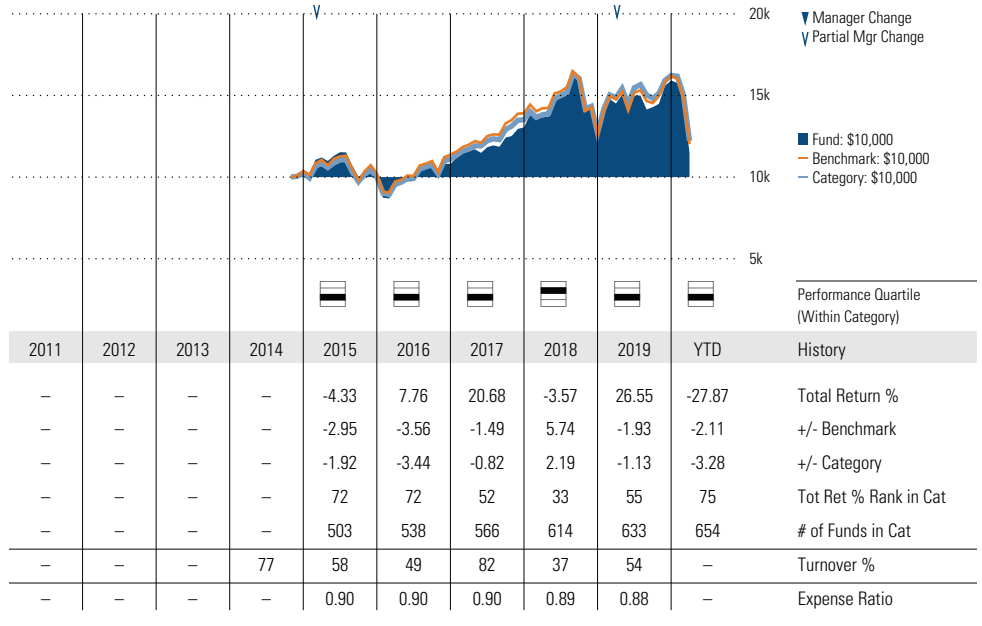
✔ **Style:** The fund has landed in its primary style box — Small Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.88 is 27.87% lower than the Small Growth category average.

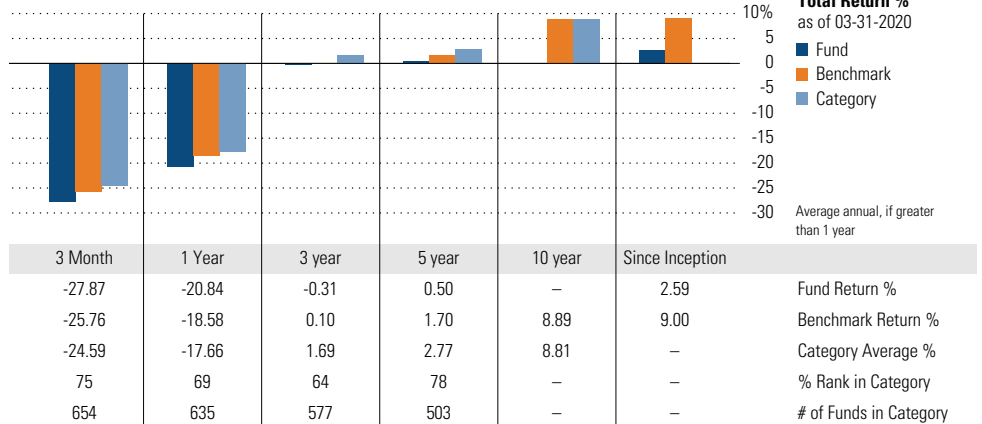
Morningstar Investment Management LLC Analysis

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

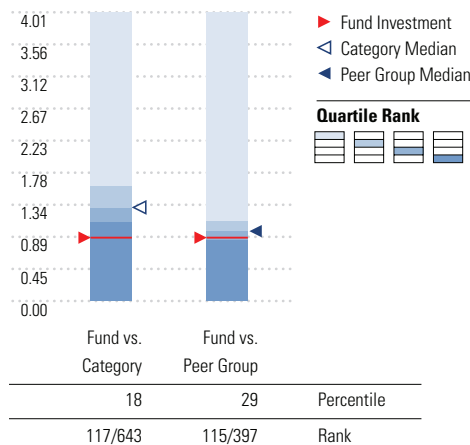
Growth of \$10,000



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	-0.21	-	2.11
Beta	1.05	-	0.96
R-Squared	97.47	-	93.17
Standard Deviation	22.14	20.74	20.65
Sharpe Ratio	0.02	0.03	0.13
Tracking Error	3.70	-	5.29
Information Ratio	-0.11	-	0.34
Up Capture Ratio	101.70	-	98.97
Down Capture Ratio	103.19	-	91.22

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.49	18.45	18.68
Price/Book Ratio	2.82	3.00	2.73
Geom Avg Mkt Cap \$B	2.91	1.84	3.23
ROE	3.14	2.48	7.82

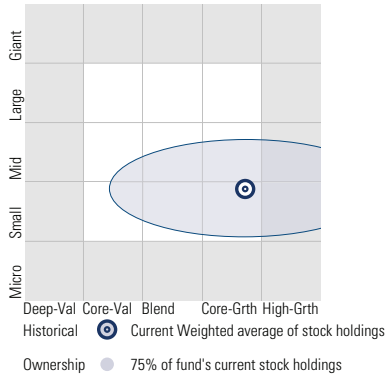
Wells Fargo Small Company Growth R6 WSCRX

Morningstar Category
Small Growth

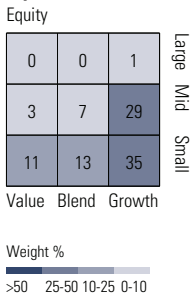
Morningstar Index
Russell 2000 Growth TR USD

Style Analysis as of 03-31-2020

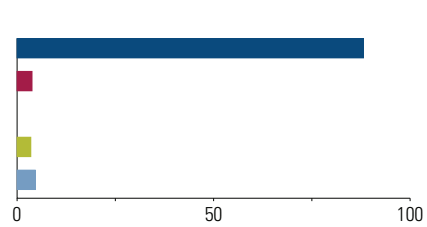
Morningstar Style Box™



Style Breakdown

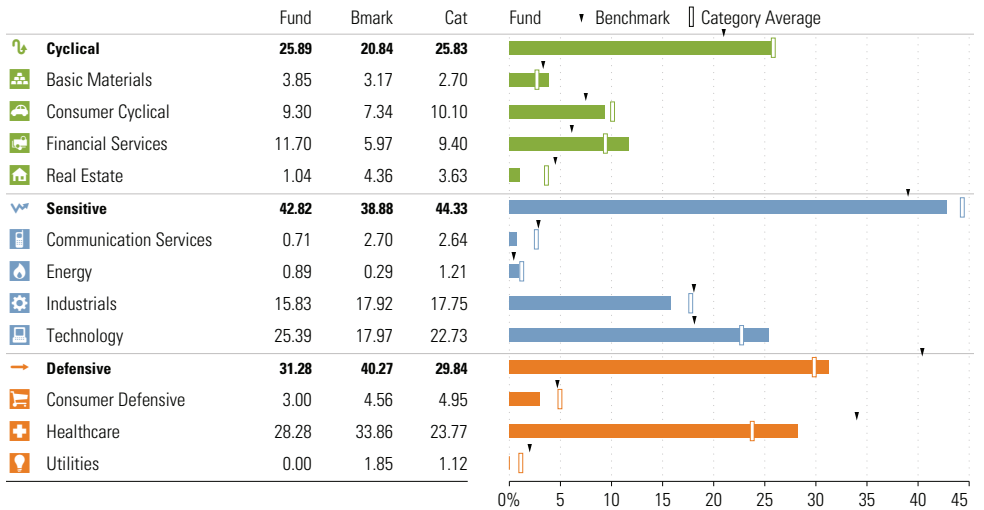


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	88.13	93.70
Non-US Stocks	3.79	3.38
Bonds	0.00	0.00
Cash	3.48	2.60
Other	4.60	0.32
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Wf Sec Lending Cash Invst Llc Wbbs	4.60	4.60	-	-
Wells Fargo Government MMkt Select	3.48	8.07	-	-
RealPage Inc	1.67	9.74	-1.53	Technology
Icon PLC	1.63	11.37	-21.04	Healthcare
SS&C Technologies Holdings Inc	1.53	12.90	-28.43	Technology
Syneos Health Inc A	1.47	14.37	-33.72	Healthcare
Performance Food Group Co	1.42	15.79	-51.98	Consumer Defensive
PTC Inc	1.35	17.13	-18.27	Technology
Lumentum Holdings Inc	1.34	18.47	-7.06	Technology
Nuance Communications Inc	1.30	19.77	-5.89	Technology
Ciena Corp	1.28	21.06	-6.75	Technology
Eldorado Resorts Inc	1.28	22.34	-75.86	Consumer Cyclical
Stifel Financial Corp	1.24	23.58	-31.66	Financial Services
AMN Healthcare Services Inc	1.22	24.80	-7.22	Healthcare
SPX Corp	1.22	26.01	-35.85	Industrials

Total Holdings 123

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Wells Fargo Small Company Growth R6 WSCRX

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Portfolio Manager(s)

Paul von Kuster since 11-1994
Daniel Hagen since 02-2003
William Grierson since 04-2005

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.4 years.

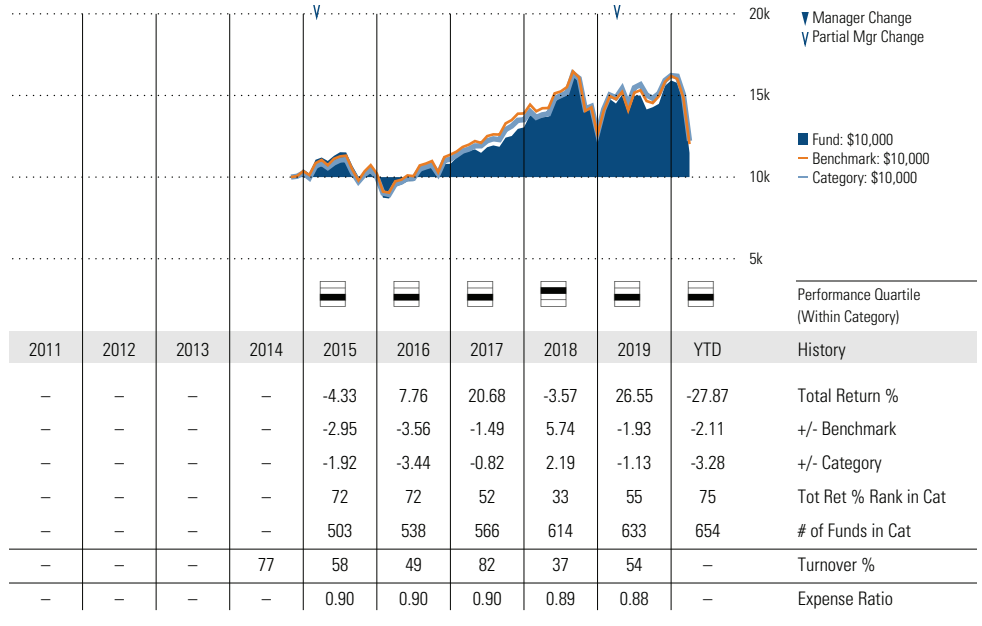
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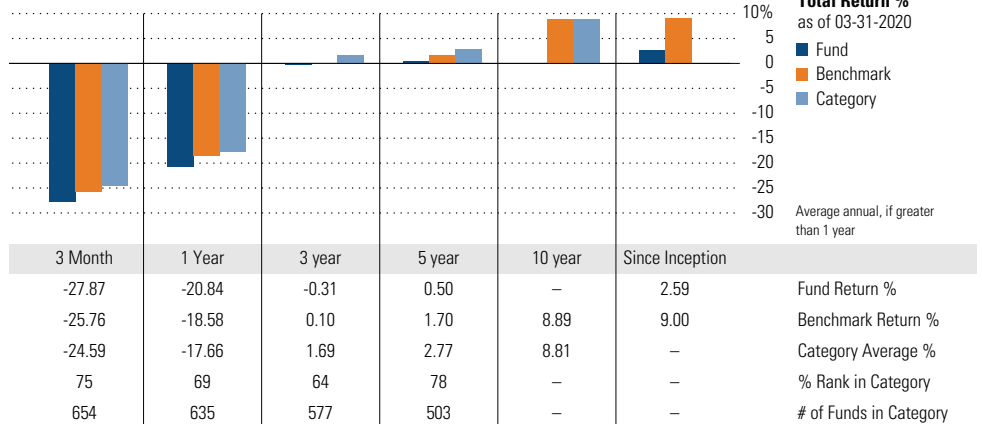
Morningstar Investment Management LLC Analysis

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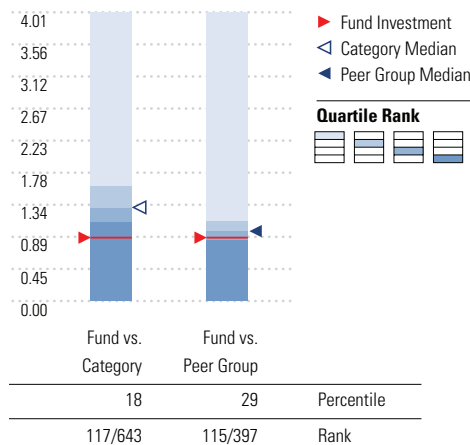
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.21	-	2.11
Beta	1.05	-	0.96
R-Squared	97.47	-	93.17
Standard Deviation	22.14	20.74	20.65
Sharpe Ratio	0.02	0.03	0.13
Tracking Error	3.70	-	5.29
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Up Capture Ratio	101.70	-	98.97
Down Capture Ratio	103.19	-	91.22

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.49	18.45	18.68
Price/Book Ratio	2.82	3.00	2.73
Geom Avg Mkt Cap \$B	2.91	1.84	3.23
ROE	3.14	2.48	7.82

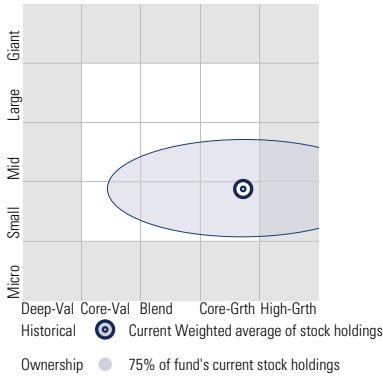
Wells Fargo Small Company Growth R6 WSCRX

Morningstar Category
Small Growth

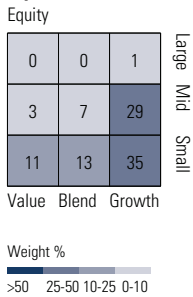
Morningstar Index
Russell 2000 Growth TR USD

Style Analysis as of 03-31-2020

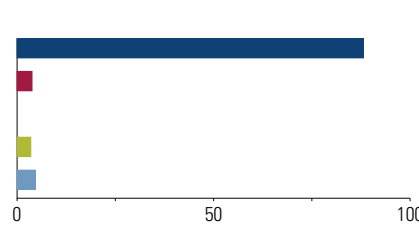
Morningstar Style Box™



Style Breakdown

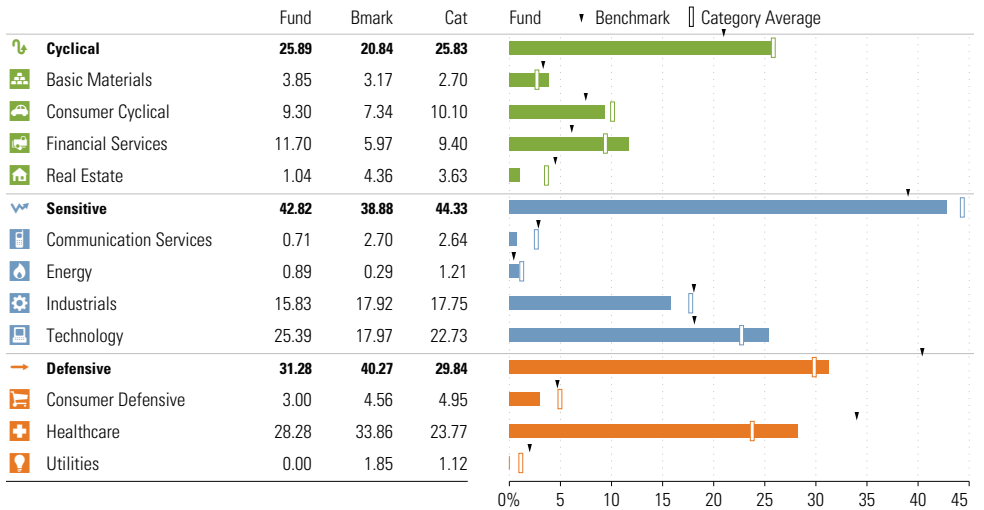


Asset Allocation as of 03-31-2020



Asset Class	Net %	Cat%
US Stocks	88.13	93.70
Non-US Stocks	3.79	3.38
Bonds	0.00	0.00
Cash	3.48	2.60
Other	4.60	0.32
Total	100.00	100.00

Sector Weighting as of 03-31-2020



Top 15 Holdings as of 03-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Wf Sec Lending Cash Invst Llc Wbbs	4.60	4.60	-	-
Wells Fargo Government MMkt Select	3.48	8.07	-	-
RealPage Inc	1.67	9.74	-1.53	Technology
Icon PLC	1.63	11.37	-21.04	Healthcare
SS&C Technologies Holdings Inc	1.53	12.90	-28.43	Technology
Syneos Health Inc A	1.47	14.37	-33.72	Healthcare
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Stifel Financial Corp	1.24	23.58	-31.66	Financial Services
AMN Healthcare Services Inc	1.22	24.80	-7.22	Healthcare
SPX Corp	1.22	26.01	-35.85	Industrials

Total Holdings 123

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Western Asset Core Bond IS WACSX

Morningstar Category
Intermediate Core Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Mark Lindbloom since 12-2006
S. Leech since 08-2013
Julien Scholnick since 05-2016
Frederick Marki since 05-2018
John Bellows since 05-2018

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 13.26 years.

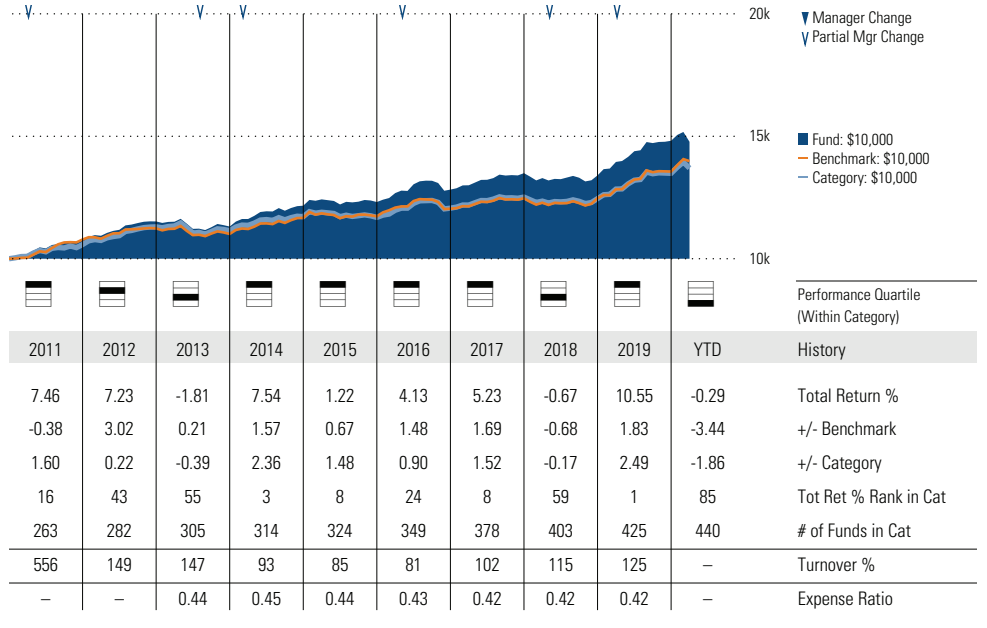
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 35.38% lower than the Intermediate Core Bond category average.

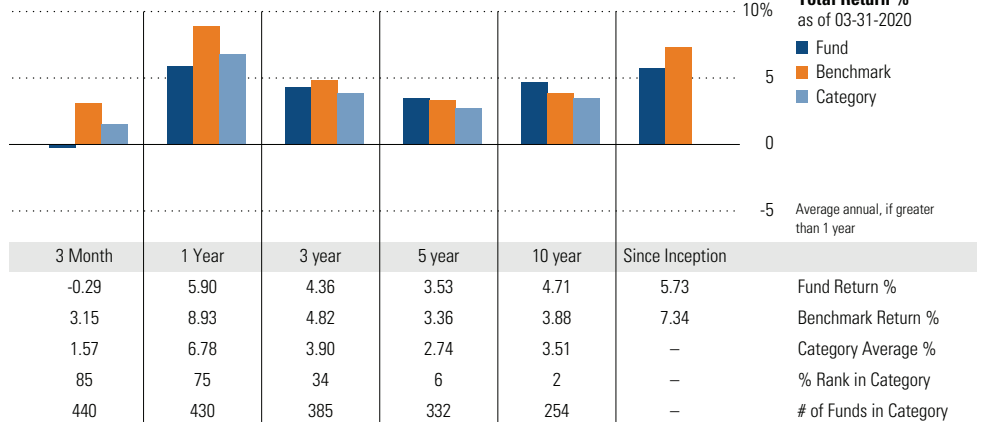
Morningstar Investment Management LLC Analysis

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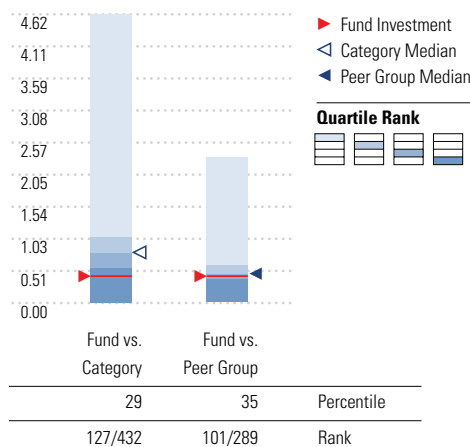
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.21	-	-0.77
Beta	0.95	-	0.96
R-Squared	78.28	-	85.57
Standard Deviation	3.44	3.20	3.34
Sharpe Ratio	0.76	0.96	0.64
Tracking Error	1.61	-	1.24
Information Ratio	-0.29	-	-0.94
Up Capture Ratio	98.77	-	90.50
Down Capture Ratio	116.77	-	115.44

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	4.85	4.43	5.01
Avg Eff Maturity	11.23	-	6.82

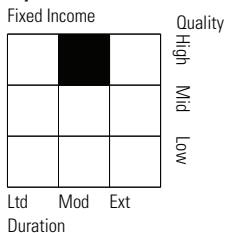
Western Asset Core Bond IS WACSX

Morningstar Category
Intermediate Core Bond

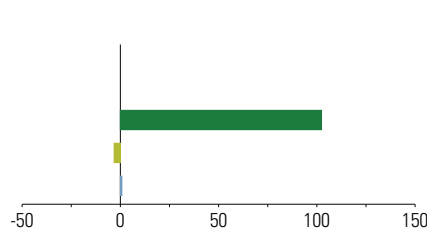
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020

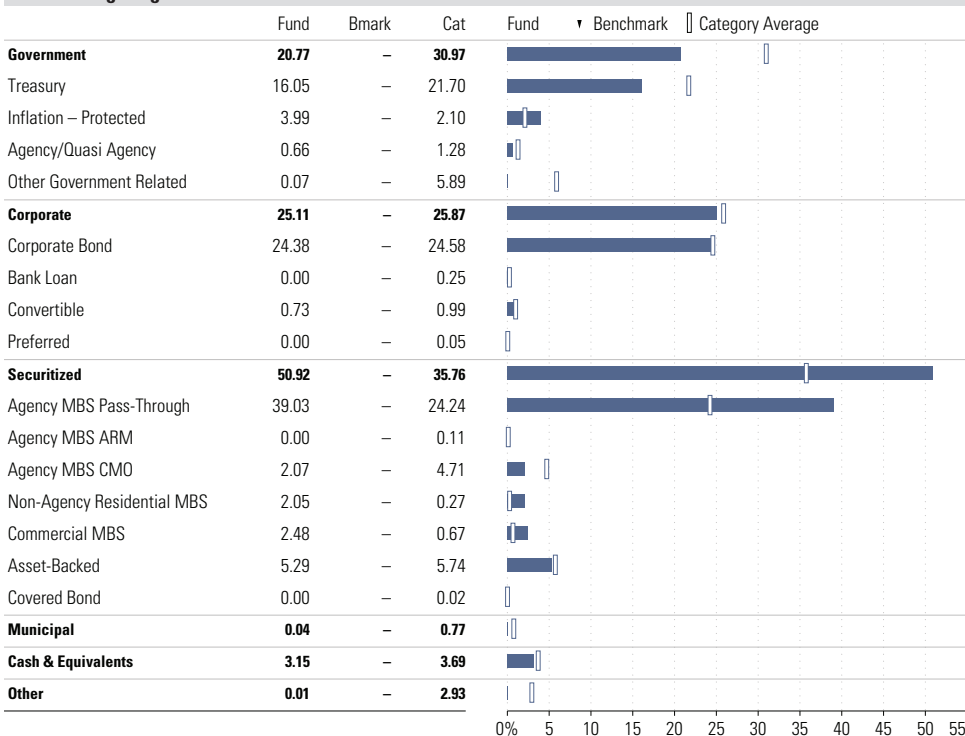


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	102.38	99.45
Cash	-3.17	0.44
Other	0.79	0.10
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	69.47	3.53	37.76
AA	3.74	74.59	21.56
A	14.58	10.82	20.07
BBB	13.86	8.32	15.16
BB	0.14	0.28	2.53
B	0.00	0.00	0.91
Below B	0.12	0.00	0.90
Not Rated	-1.91	2.46	1.10

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Trade Date Cash	-	6.58	6.58	-
⊕ Federal National Mortgage Association 4.5%	-	3.38	9.96	-
⊕ United States Treasury Bonds 2.25%	-	2.14	12.10	-
⊖ United States Treasury Notes 1.62%	11-2026	1.81	13.91	-
⊕ United States Treasury Bonds 1%	-	1.73	15.64	-
⊕ United States Treasury Bonds 0.25%	-	1.56	17.20	-
⊕ Usd Swap Contra Asset	-	1.52	18.72	-
United States Treasury Bonds 3.12%	-	1.12	19.85	-
⊕ Fnma Pass-Thru I 3.5%	-	1.10	20.94	-
⊕ United States Treasury Bonds 2%	-	1.09	22.03	-

Total Holdings 2248

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Western Asset Core Bond IS WACSX

Morningstar Category
Intermediate Core Bond

Morningstar Index
BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

Mark Lindbloom since 12-2006
S. Leech since 08-2013
Julien Scholnick since 05-2016
Frederick Marki since 05-2018
John Bellows since 05-2018

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 13.26 years.

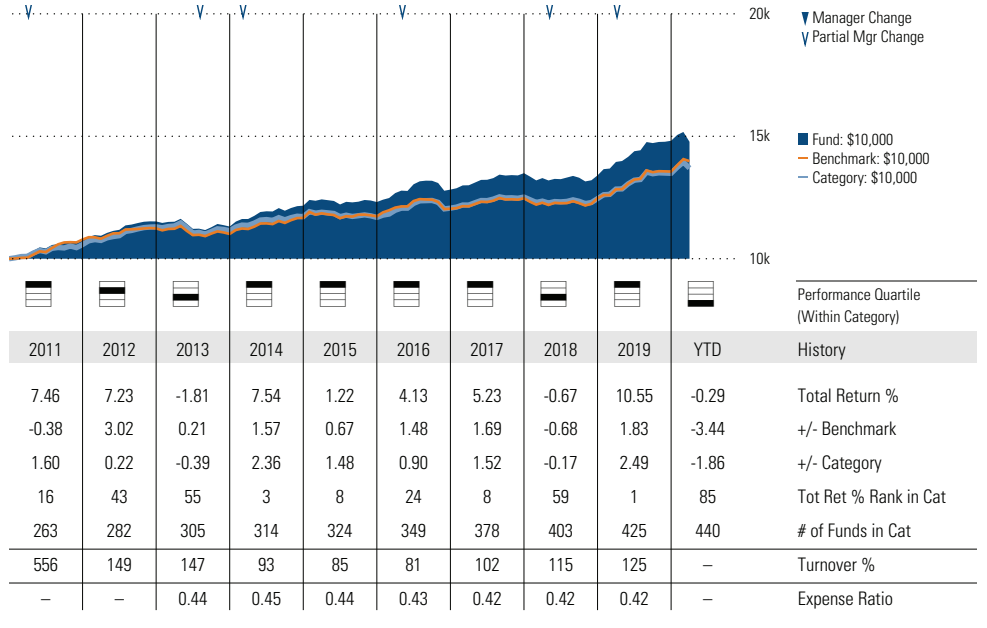
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 35.38% lower than the Intermediate Core Bond category average.

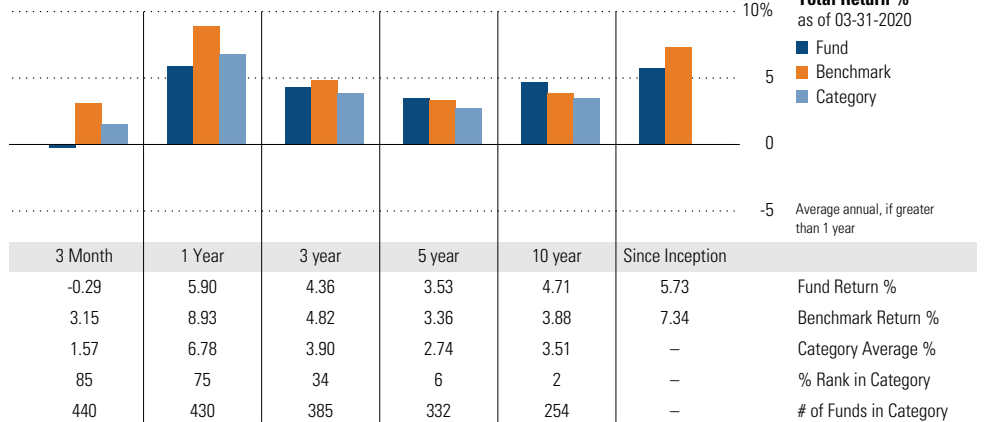
Morningstar Investment Management LLC Analysis

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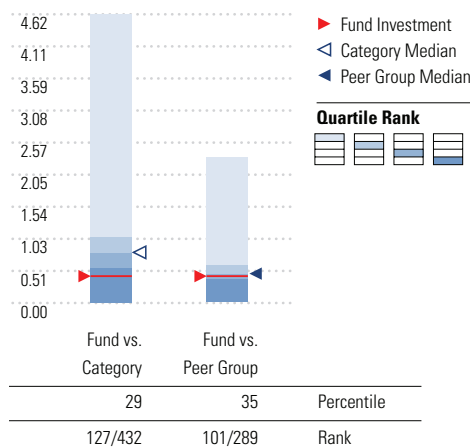
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.21	-	-0.77
Beta	0.95	-	0.96
R-Squared	78.28	-	85.57
Standard Deviation	3.44	3.20	3.34
Sharpe Ratio	0.76	0.96	0.64
Tracking Error	1.61	-	1.24
Information Ratio	-0.29	-	-0.94
Up Capture Ratio	98.77	-	90.50
Down Capture Ratio	116.77	-	115.44

Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	4.85	4.43	5.01
Avg Eff Maturity	11.23	-	6.82

Western Asset Core Bond IS WACSX

Morningstar Category
Intermediate Core Bond

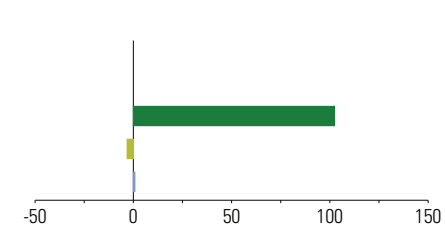
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 03-31-2020

Style Breakdown



Asset Allocation as of 03-31-2020

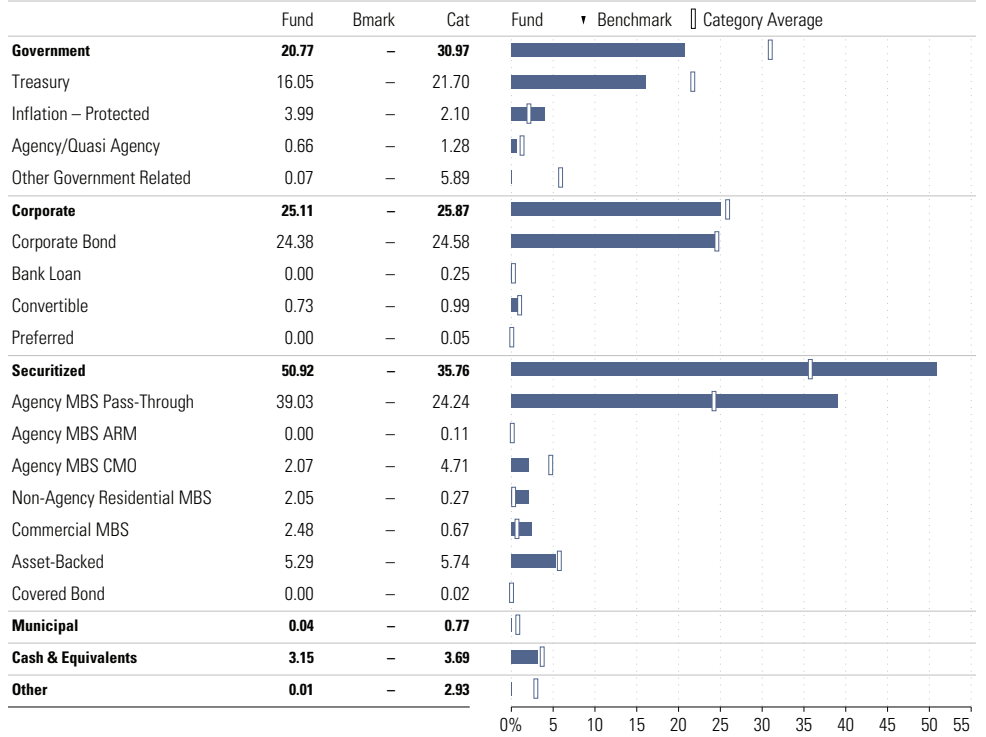


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	102.38	99.45
Cash	-3.17	0.44
Other	0.79	0.10
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	69.47	3.53	37.76
AA	3.74	74.59	21.56
A	14.58	10.82	20.07
BBB	13.86	8.32	15.16
BB	0.14	0.28	2.53
B	0.00	0.00	0.91
Below B	0.12	0.00	0.90
Not Rated	-1.91	2.46	1.10

Sector Weighting as of 03-31-2020



Top 10 Holdings as of 03-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Trade Date Cash	-	6.58	6.58	-
⊕ Federal National Mortgage Association 4.5%	-	3.38	9.96	-
⊕ United States Treasury Bonds 2.25%	-	2.14	12.10	-
⊖ United States Treasury Notes 1.62%	11-2026	1.81	13.91	-
⊕ United States Treasury Bonds 1%	-	1.73	15.64	-
⊕ United States Treasury Bonds 0.25%	-	1.56	17.20	-
⊕ Usd Swap Contra Asset	-	1.52	18.72	-
United States Treasury Bonds 3.12%	-	1.12	19.85	-
⊕ Fnma Pass-Thru I 3.5%	-	1.10	20.94	-
⊕ United States Treasury Bonds 2%	-	1.09	22.03	-

Total Holdings 2248

⊕ Increase ⊖ Decrease ✱ New to Portfolio