

AB High Income Z AGDZX

Morningstar Category
High Yield Bond

Morningstar Index
ICE BofA US High Yield TR USD

Portfolio Manager(s)

Matthew Sheridan since 10-2005
Gershon Distenfeld since 02-2008
Shamaila Khan since 02-2019
Fahd Malik since 01-2021

Quantitative Screens

✗ **Performance:** The fund has finished in the High Yield Bond category's top three quartiles in 4 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 15.18 years.

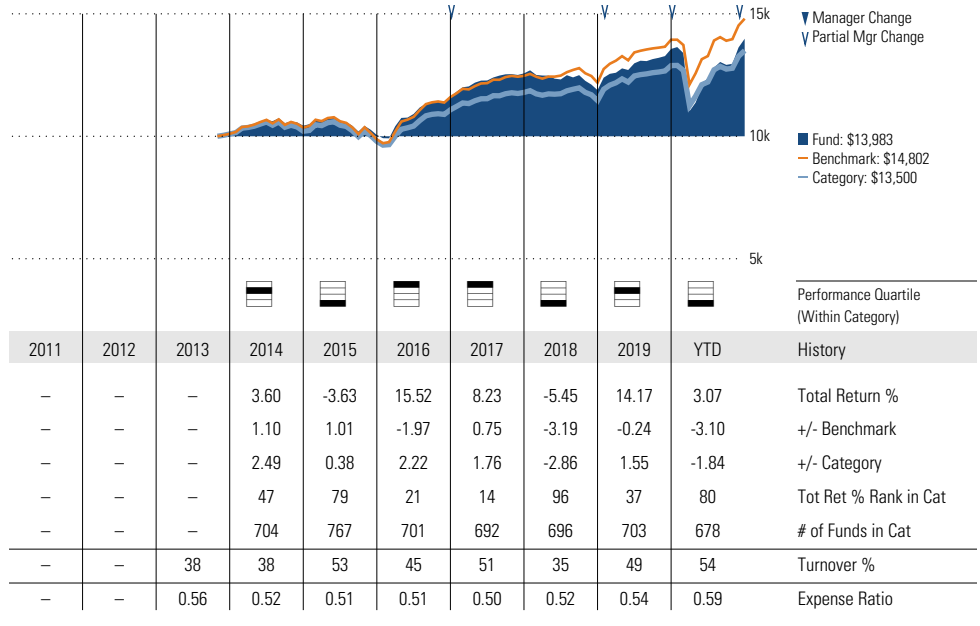
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.54 is 44.33% lower than the High Yield Bond category average.

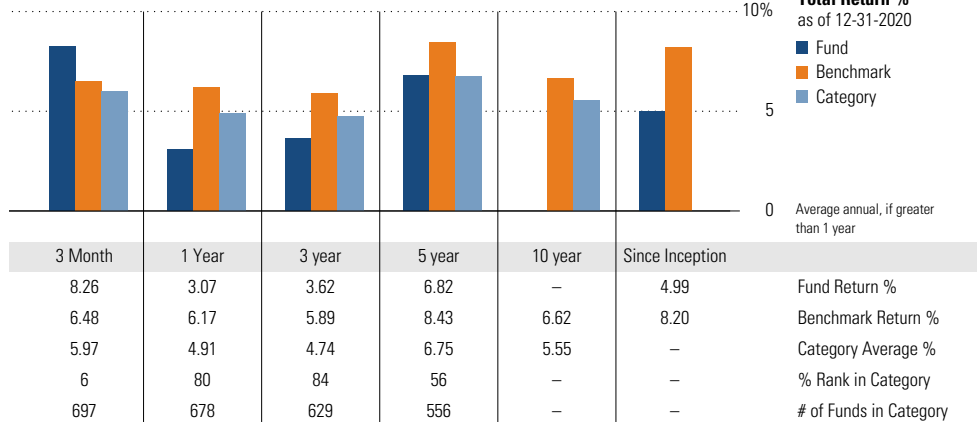
Morningstar Investment Management LLC Analysis

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.

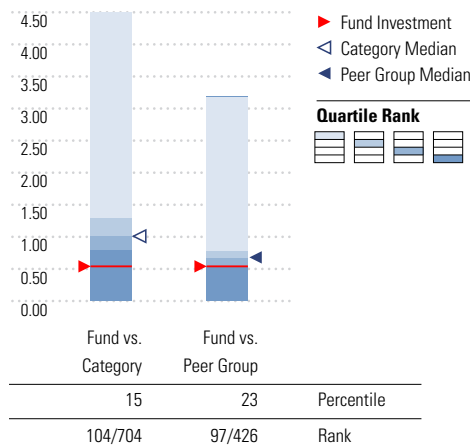
Growth of \$10,000



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	-3.52	-	-0.81
Beta	1.28	-	0.96
R-Squared	93.70	-	95.36
Standard Deviation	12.59	9.52	9.40
Sharpe Ratio	0.23	0.49	0.40
Tracking Error	4.13	-	2.26
Information Ratio	-0.55	-	-0.50
Up Capture Ratio	103.03	-	91.06
Down Capture Ratio	133.27	-	98.10

Portfolio Metrics

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

AB High Income Z AGDZX

Morningstar Category
High Yield Bond

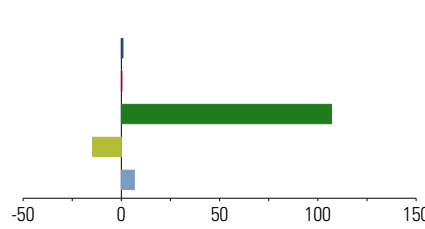
Morningstar Index
ICE BofA US High Yield TR USD

Style Analysis as of 12-31-2020

Style Breakdown



Asset Allocation as of 12-31-2020

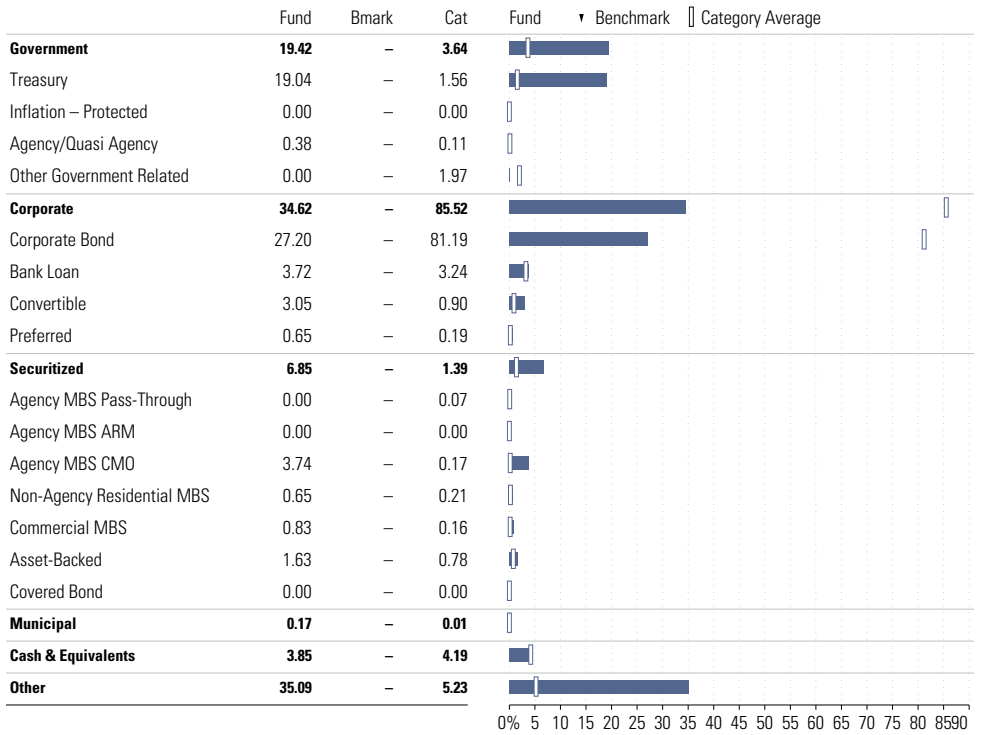


Asset Class	Net %	Cat%
US Stocks	0.81	0.63
Non-US Stocks	0.31	0.03
Bonds	106.96	97.30
Cash	-14.65	2.13
Other	6.58	-0.11
Total	100.00	100.00

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 12-31-2020



Top 10 Holdings as of 12-31-2020

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

American Funds American Balanced R6 RLBGX

Morningstar Category
Allocation--50% to 70%
Equity

Morningstar Index
Morningstar US Mod Tgt Alloc NR USD

Portfolio Manager(s)

Hilda Applbaum since 01-1999
 Gregory Johnson since 03-2003
 James Mulally since 03-2006
 Alan Berro since 03-2006
 Jeffrey Lager since 03-2011
 Paul Benjamin since 07-2014
 Anne-Marie Peterson since 10-2015
 Alan Wilson since 01-2016
 John Queen since 07-2016
 Pramod Atluri since 03-2018
 Mark Casey since 10-2019
 Ritchie Tuazon since 10-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.01 years.

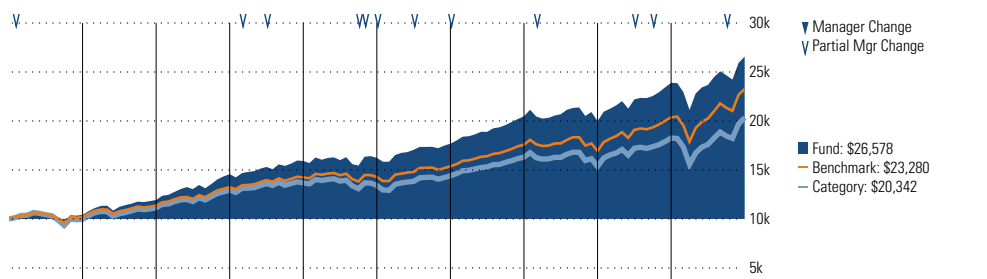
✔ **Style:** The fund has landed in its primary style box — Large Blend — 90.91 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 75.7% lower than the Allocation--50% to 70% Equity category average.

Morningstar Investment Management LLC Analysis

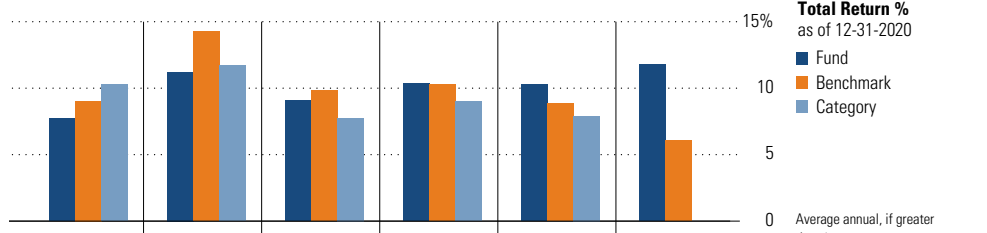
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

Growth of \$10,000



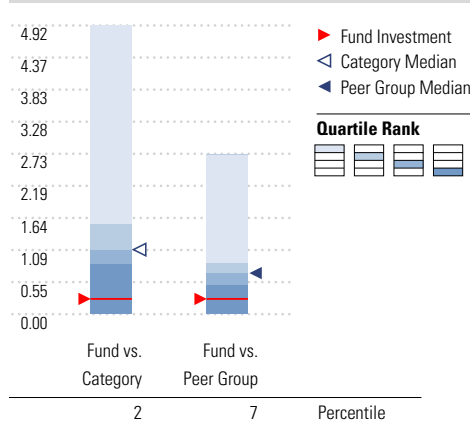
Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	History
Performance Quartile (Within Category)	III	III	III	III	III	III	III	III	III	III	History
Total Return %	4.16	14.57	22.12	9.22	2.03	8.90	15.84	-2.42	19.55	11.22	Total Return %
+/- Benchmark	2.24	3.10	5.59	1.65	1.67	1.30	1.56	1.24	-0.78	-3.04	+/- Benchmark
+/- Category	4.27	2.85	5.64	3.01	3.96	1.56	2.63	3.34	0.32	-0.50	+/- Category
Tot Ret % Rank in Cat	7	9	5	16	3	20	15	8	48	57	Tot Ret % Rank in Cat
# of Funds in Cat	738	736	776	742	784	733	712	722	696	673	# of Funds in Cat
Turnover %	47	54	55	68	82	79	95	72	104	-	Turnover %
Expense Ratio	-	-	0.29	0.29	0.29	0.29	0.28	0.28	0.27	-	Expense Ratio

Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Category
Fund Return %	7.72	11.22	9.07	10.36	10.27	11.77	Fund Return %
Benchmark Return %	9.04	14.26	9.82	10.25	8.82	6.09	Benchmark Return %
Category Average %	10.30	11.72	7.76	8.99	7.90	-	Category Average %
% Rank in Category	83	57	32	21	5	-	% Rank in Category
# of Funds in Category	694	673	636	576	414	-	# of Funds in Category

Net Expense



Fund vs. Category: 2 / 13/708 (Percentile Rank)
 Fund vs. Peer Group: 7 / 43/624 (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

Metric	Fund	Bmark	Cat
Alpha	-0.19	-	-2.26
Beta	0.94	-	1.08
R-Squared	98.14	-	95.76
Standard Deviation	10.98	11.52	12.74
Sharpe Ratio	0.71	0.74	0.56
Tracking Error	1.63	-	2.93
Information Ratio	-0.46	-	-0.63
Up Capture Ratio	94.51	-	98.62
Down Capture Ratio	96.26	-	112.05

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.53	-	17.99
Price/Book Ratio	2.62	-	2.31
Avg Eff Duration	6.11	-	4.62

American Funds American Balanced R6 RLBGX

Morningstar Category
Allocation--50% to 70%

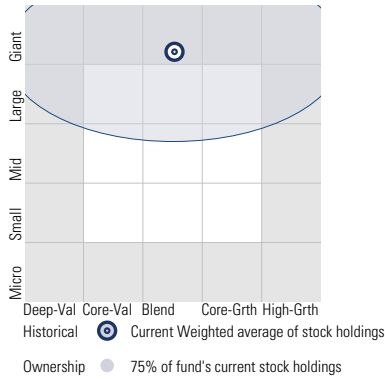
Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

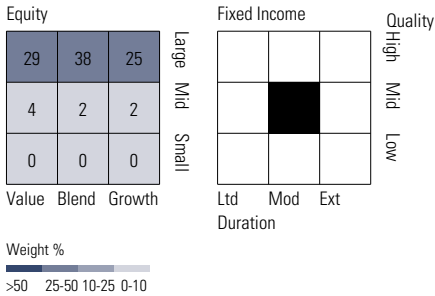
Equity

Style Analysis as of 12-31-2020

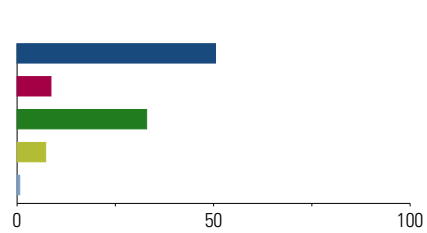
Morningstar Style Box™



Style Breakdown



Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	50.48	43.32
Non-US Stocks	8.61	12.35
Bonds	32.96	35.35
Cash	7.27	6.99
Other	0.67	2.00
Total	100.00	100.00

Sector Weighting as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	28.39	-	32.53			
Basic Materials	3.72	-	3.27			
Consumer Cyclical	5.99	-	9.48			
Financial Services	13.50	-	15.88			
Real Estate	5.18	-	3.90			
Sensitive	40.33	-	41.20			
Communication Services	9.34	-	8.74			
Energy	3.10	-	4.37			
Industrials	7.66	-	10.61			
Technology	20.23	-	17.48			
Defensive	31.28	-	26.26			
Consumer Defensive	10.89	-	7.70			
Healthcare	17.90	-	14.89			
Utilities	2.49	-	3.67			

Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	-	5.96	5.96	-	-
Microsoft Corp	-	3.96	9.92	42.37	Technology
UnitedHealth Group Inc	-	2.81	12.73	20.93	Healthcare
Philip Morris International Inc	-	1.97	14.70	2.87	Consumer Defensive
Taiwan Semiconductor Manufacturing Co Ltd ADR	-	1.87	16.57	90.63	Technology
Berkshire Hathaway Inc A	-	1.78	18.35	2.42	Financial Services
Broadcom Inc	-	1.59	19.94	42.78	Technology
Amazon.com Inc	-	1.47	21.40	76.26	Consumer Cyclical
JPMorgan Chase & Co	-	1.30	22.70	-6.26	Financial Services
* Cash And Other Assets Less Liabilities	-	1.25	23.95	-	-

Total Holdings 1876

⊕ 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
- Sung Lee since 06-2002
- Nicholas Grace 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
- Noriko Chen since 01-2020
- Gerald Manoir 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 19.6 years.

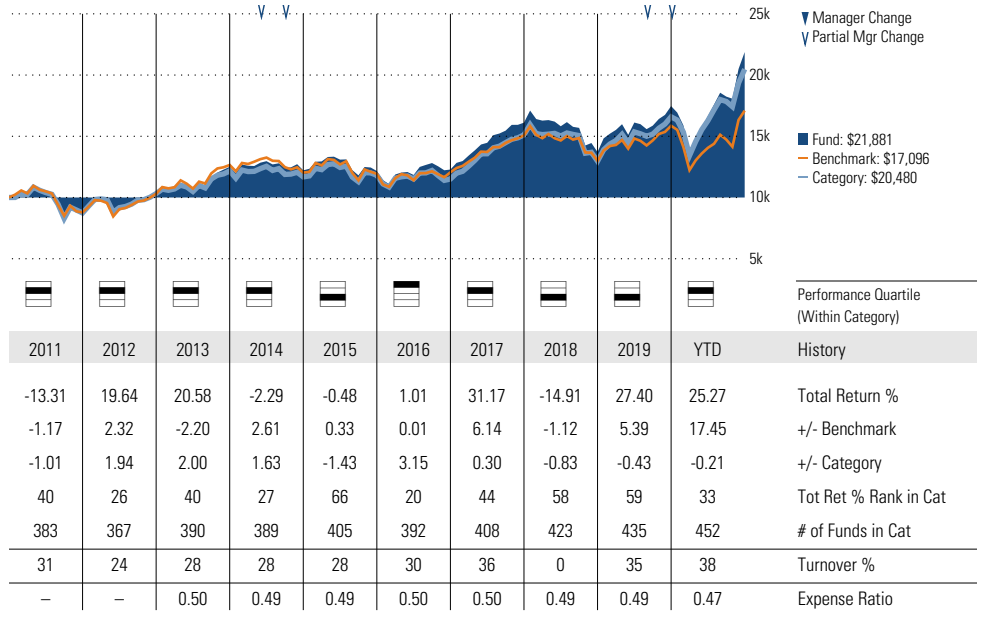
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.46 is 57.8% lower than the Foreign Large Growth category average.

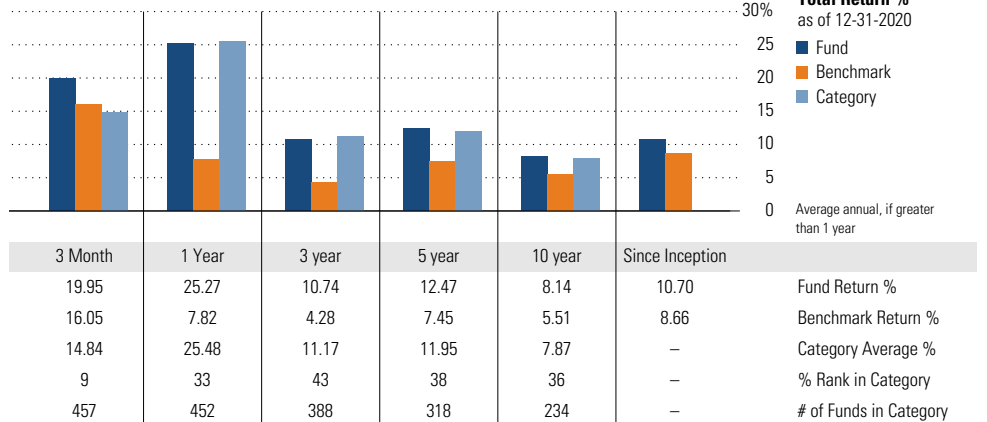
Morningstar Investment Management LLC Analysis

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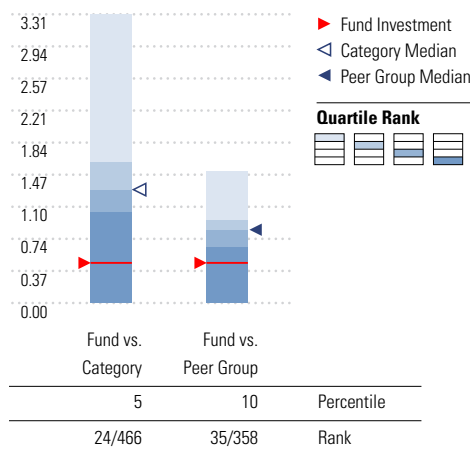
Growth of \$10,000



Trailing Performance



Net Expense



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	6.13	-	6.75
Beta	1.02	-	0.91
R-Squared	93.13	-	-
Standard Deviation	19.13	18.14	17.86
Sharpe Ratio	0.55	0.24	0.57
Tracking Error	5.02	-	6.93
Information Ratio	1.28	-	0.95
Up Capture Ratio	115.83	-	107.08
Down Capture Ratio	91.56	-	80.53

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	16.19	17.86
Price/Book Ratio	1.88	1.58	2.37
Geom Avg Mkt Cap \$B	39.57	35.93	31.37
ROE	19.74	15.50	19.30

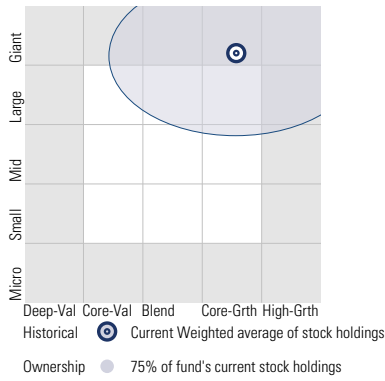
American Funds Europacific Growth R6 RERGX

Morningstar Category
Foreign Large Growth

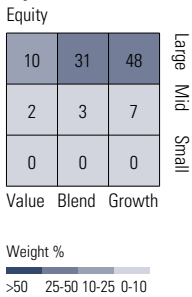
Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 12-31-2020

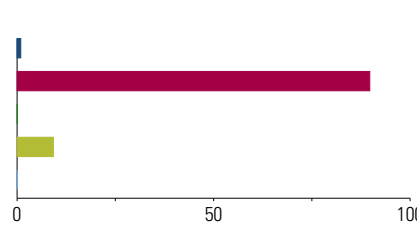
Morningstar Style Box™



Style Breakdown

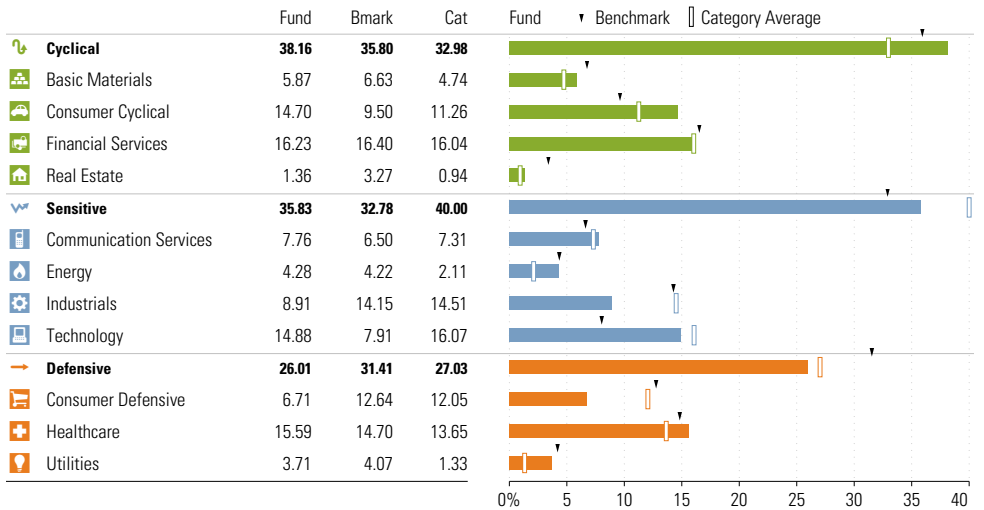


Asset Allocation as of 12-31-2020



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 12-31-2020



World Regions % Equity 12-31-2020



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 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	8.75	8.75	—	—
AIA Group Ltd	2.61	11.36	18.26	Financial Services
ASML Holding NV	2.39	13.75	51.73	Technology
Reliance Industries Ltd	2.13	15.89	32.80	Energy
Daiichi Sankyo Co Ltd	2.08	17.97	48.89	Healthcare
Nintendo Co Ltd	1.78	19.74	53.42	Communication Svc
HDFC Bank Ltd	1.68	21.42	12.91	Financial Services
Keyence Corp	1.57	22.99	51.21	Technology
MercadoLibre Inc	1.54	24.53	192.90	Consumer Cyclical
LVMH Moet Hennessy Louis Vuitton SE	1.52	26.05	24.46	Consumer Cyclical

Total Holdings 334

⊕ Increase ⊖ Decrease ✱ New to Portfolio

American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index
MSCI EM NR USD

Portfolio Manager(s)

- Carl Kawaja since 06-1999
- Robert Lovelace since 06-1999
- Nicholas Grace since 01-2008
- Christopher Thomsen since 01-2009
- Winnie Kwan since 01-2009
- Tomonori Tani since 10-2013
- Jonathan Knowles since 01-2016
- Bradford Freer since 01-2017
- Lisa Thompson since 10-2019
- Kirstie Spence since 12-2019
- Piyada Phanaphat since 01-2021
- Akira Shiraishi since 01-2021

Quantitative Screens

Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 21.56 years.

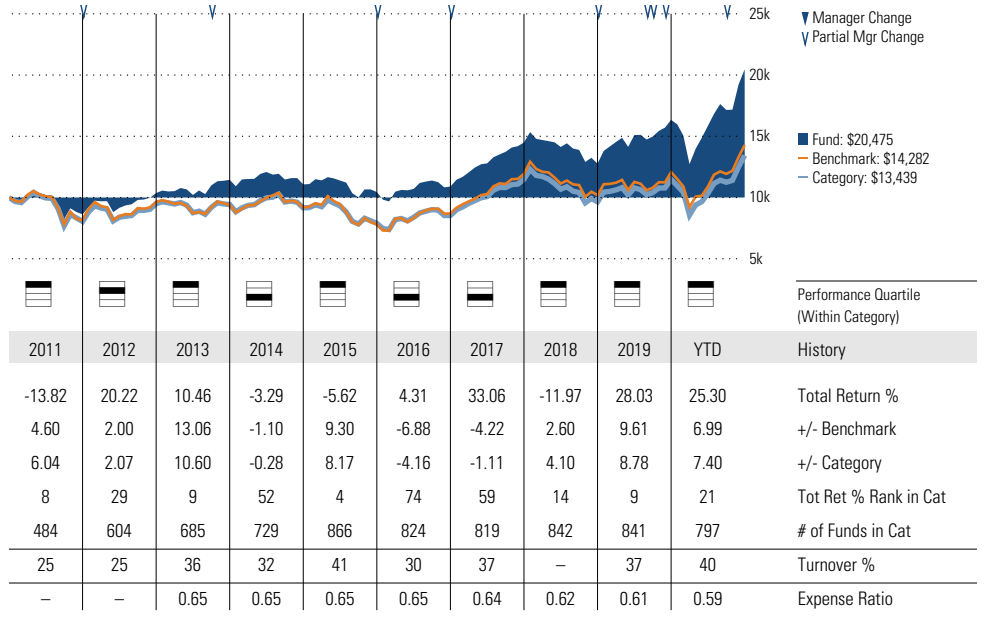
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.59 is 52.03% lower than the Diversified Emerging Mkts category average.

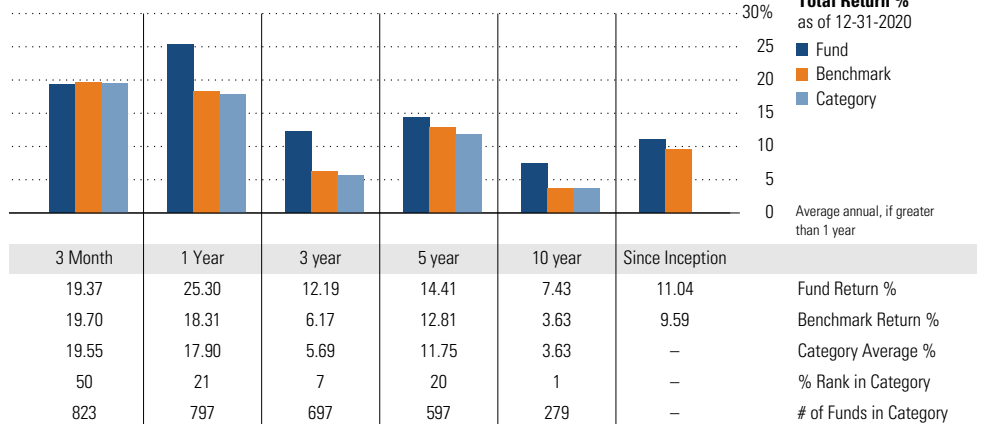
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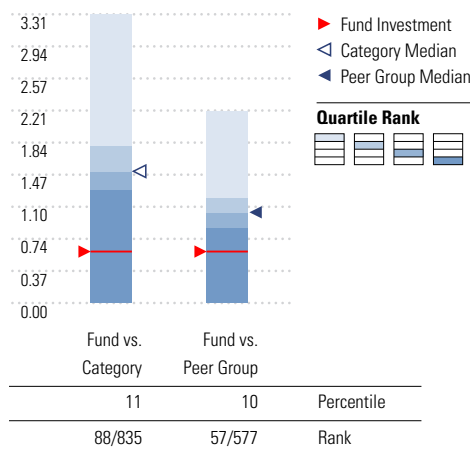
Growth of \$10,000



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	6.25	-	0.33
Beta	0.88	-	0.99
R-Squared	89.29	-	91.69
Standard Deviation	18.50	19.88	20.63
Sharpe Ratio	0.63	0.32	0.32
Tracking Error	6.51	-	5.75
Information Ratio	0.92	-	0.00
Up Capture Ratio	100.81	-	99.51
Down Capture Ratio	78.51	-	99.07

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.36	12.62	13.55
Price/Book Ratio	2.31	1.49	1.87
Geom Avg Mkt Cap \$B	20.17	19.61	20.39
ROE	19.75	17.14	20.22

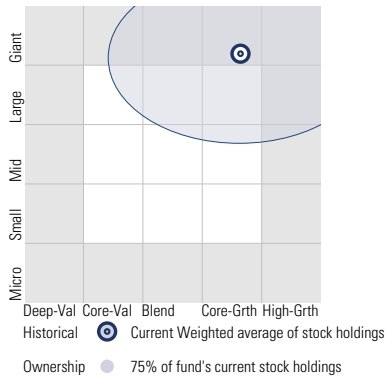
American Funds New World R6 RNWGX

Morningstar Category
Diversified Emerging Mkts

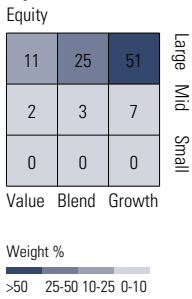
Morningstar Index
MSCI EM NR USD

Style Analysis as of 12-31-2020

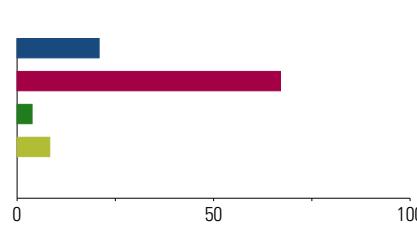
Morningstar Style Box™



Style Breakdown

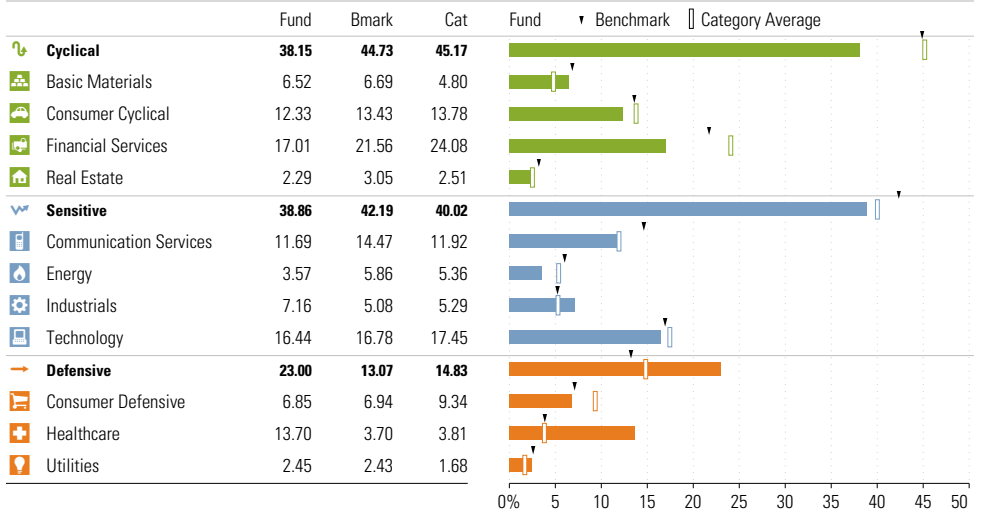


Asset Allocation as of 12-31-2020

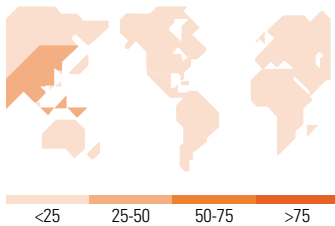


Asset Class	Net %	Cat%
US Stocks	20.87	2.97
Non-US Stocks	67.02	94.45
Bonds	3.81	0.48
Cash	8.31	1.54
Other	0.00	0.56
Total	100.00	100.00

Sector Weighting as of 12-31-2020



World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	40.35	71.09	Americas	34.09	14.36	Greater Europe	25.58	14.55	Developed Markets	60.64
Japan	6.10	0.10	North America	24.72	1.90	United Kingdom	3.58	0.75	Emerging Markets	39.36
Australasia	0.56	0.01	Central/Latin	9.37	12.46	W euro-ex UK	18.07	1.66	Not Available	0.00
Asia-4 Tigers	7.39	23.83				Emrgng Europe	1.95	6.89		
Asia-ex 4 Tigers	26.30	47.15				Africa	1.98	5.25		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	7.64	7.64	-	-
Microsoft Corp	2.60	10.25	42.37	Technology
Tencent Holdings Ltd	1.97	12.22	51.01	Communication Svc
Kotak Mahindra Bank Ltd	1.76	13.98	18.48	Financial Services
Reliance Industries Ltd	1.48	15.46	32.80	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.47	16.93	63.14	Technology
AIA Group Ltd	1.45	18.38	18.26	Financial Services
Mastercard Inc A	1.36	19.74	20.08	Financial Services
Facebook Inc A	1.34	21.08	33.09	Communication Svc
Alphabet Inc Class C	1.27	22.35	31.03	Communication Svc

Total Holdings 517

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Baird Core Plus Bond Inst BCOIX

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

Portfolio Manager(s)

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

Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core-Plus 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 20.27 years.

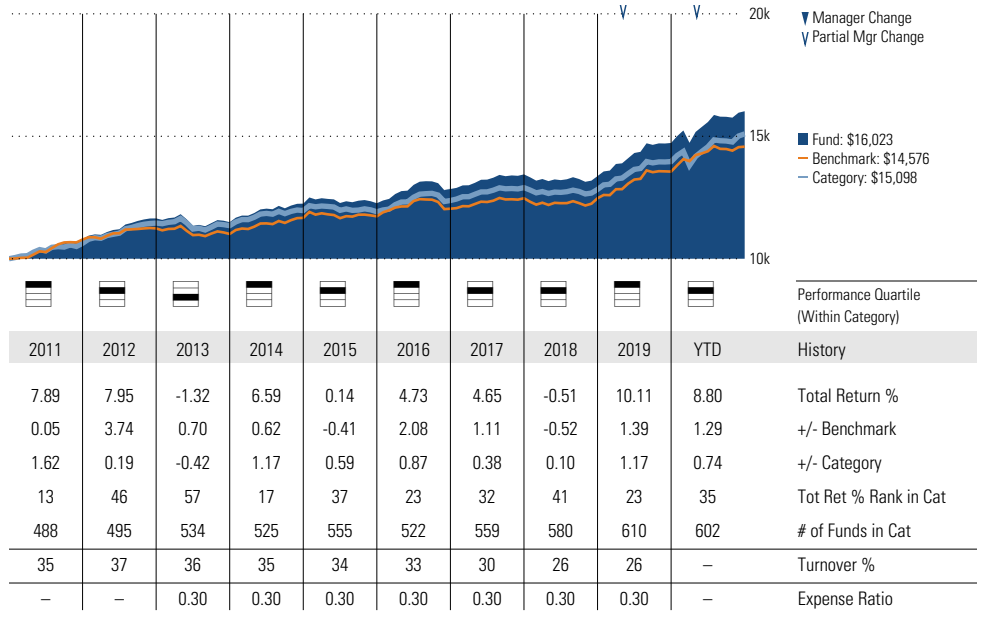
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 61.04% lower than the Intermediate Core-Plus Bond category average.

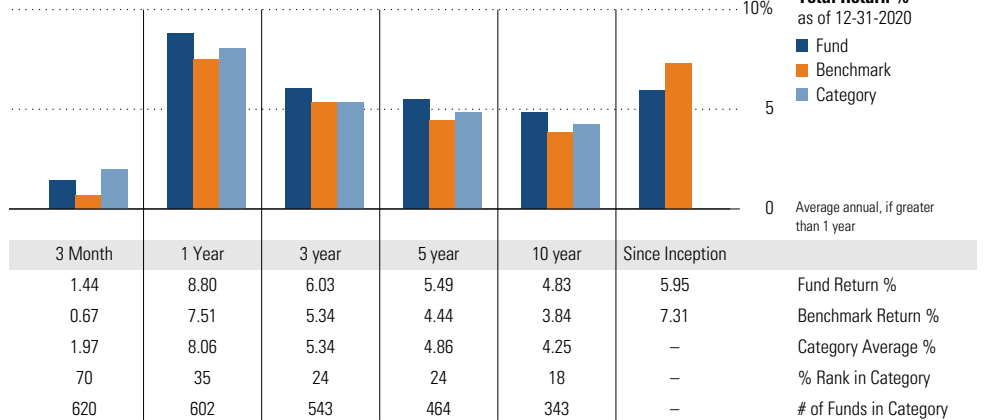
Morningstar Investment Management LLC Analysis

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.

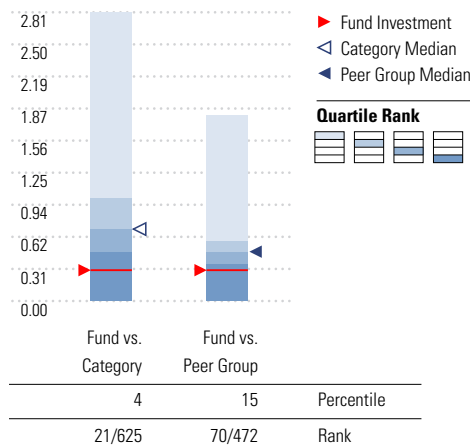
Growth of \$10,000



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	0.35	-	0.17
Beta	1.06	-	1.00
R-Squared	77.08	-	61.47
Standard Deviation	4.12	3.40	4.55
Sharpe Ratio	1.08	1.11	0.90
Tracking Error	1.98	-	2.90
Information Ratio	0.35	-	0.06
Up Capture Ratio	114.31	-	109.33
Down Capture Ratio	118.11	-	124.06

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	5.56	4.43	-
Avg Eff Maturity	7.35	-	-

Baird Core Plus Bond Inst BCOIX

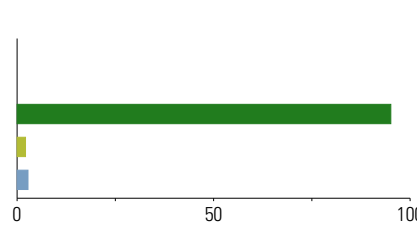
Morningstar Category Intermediate Core-Plus Bond
Morningstar Index BBgBarc US Agg Bond TR USD

Style Analysis as of 12-31-2020

Style Breakdown



Asset Allocation as of 12-31-2020

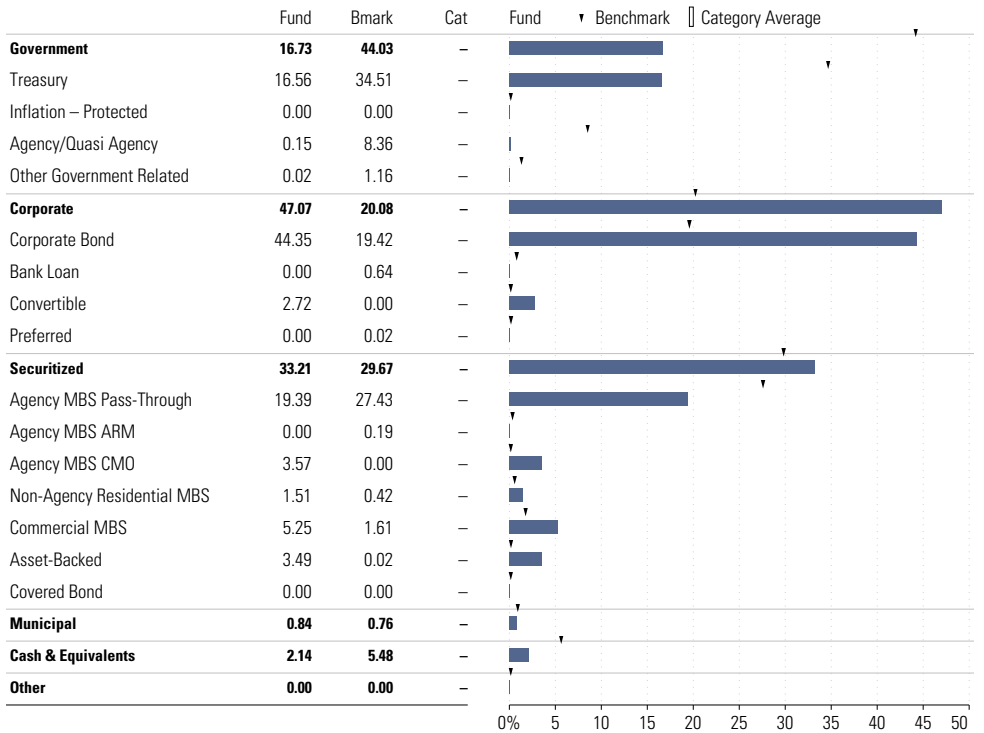


Asset Class	Net %	Cat%
US Stocks	0.00	—
Non-US Stocks	0.00	—
Bonds	95.09	—
Cash	2.14	—
Other	2.77	—
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	49.90	3.53	—
AA	3.40	74.59	—
A	17.70	10.82	—
BBB	25.50	8.32	—
BB	2.60	0.28	—
B	0.20	0.00	—
Below B	0.40	0.00	—
Not Rated	0.30	2.46	—

Sector Weighting as of 12-31-2020



Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.88%	03-2022	3.86	3.86	—
⊕ United States Treasury Bonds 2.88%	05-2043	3.73	7.59	—
⊖ United States Treasury Bonds 2.5%	02-2045	3.08	10.68	—
United States Treasury Notes 1.75%	03-2022	2.01	12.69	—
⊖ United States Treasury Bonds 3.5%	02-2039	1.93	14.62	—
⊖ First American Government Obligs U	02-2030	1.84	16.46	—
⊕ United States Treasury Notes 2.13%	12-2022	0.95	17.41	—
⊕ Fnma Pass-Thru I 3.5%	06-2049	0.50	17.91	—
⊖ Federal National Mortgage Association 3.5%	07-2042	0.45	18.36	—
⊖ United States Treasury Notes 1.63%	08-2022	0.43	18.79	—

Total Holdings 1475

⊕ Increase ⊖ Decrease ✱ New to Portfolio

BlackRock Total Return K MPHQX

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

Portfolio Manager(s)

Rick Rieder since 08-2010
 Bob Miller since 10-2011
 David Rogal since 01-2017

Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core-Plus 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 10.41 years.

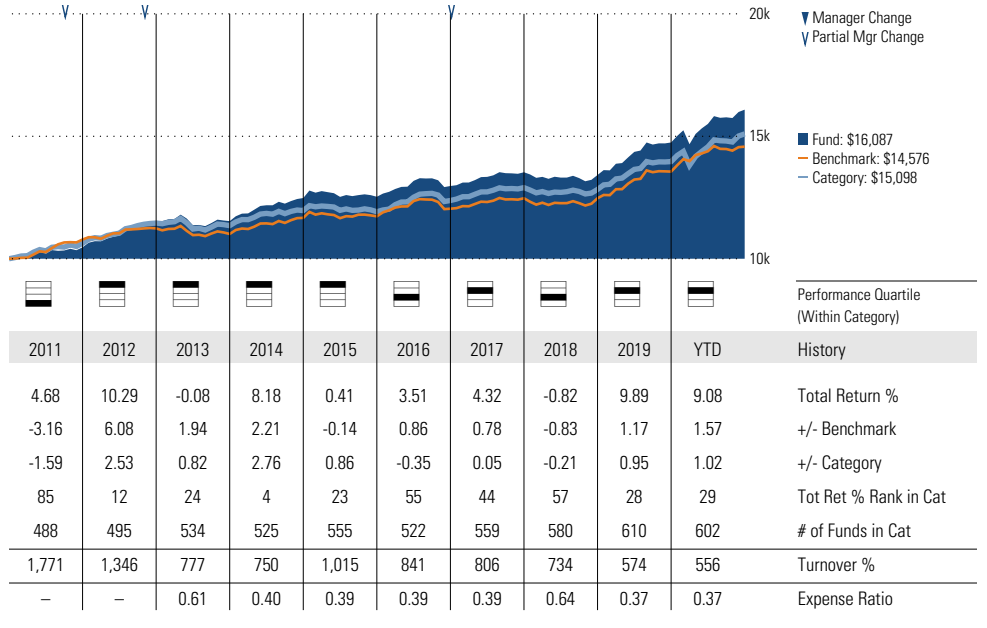
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 42.86% lower than the Intermediate Core-Plus Bond category average.

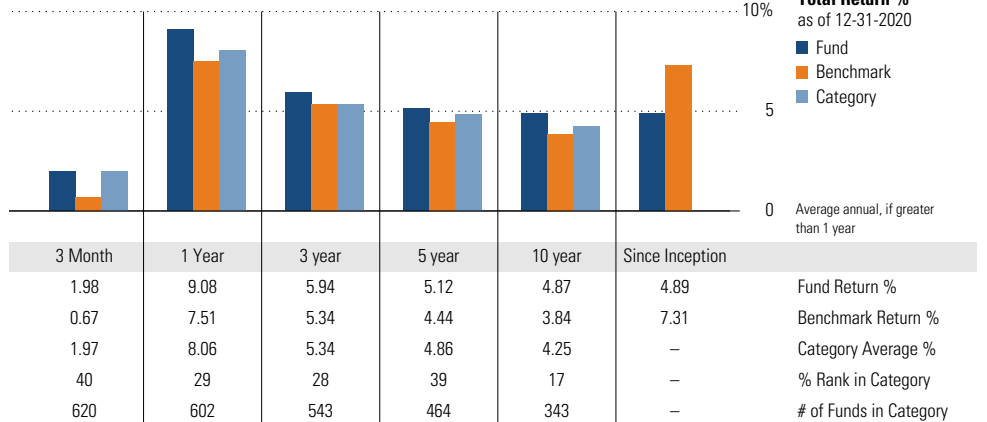
Morningstar Investment Management LLC Analysis

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.

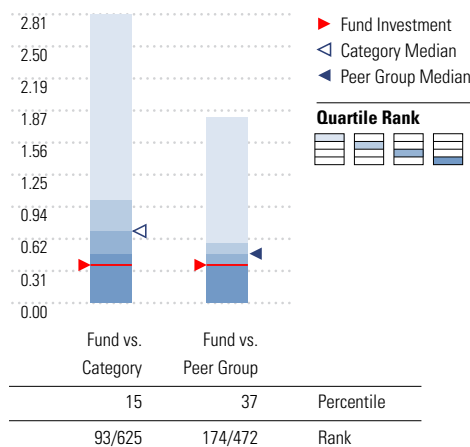
Growth of \$10,000



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	0.17	-	0.17
Beta	1.08	-	1.00
R-Squared	73.19	-	61.47
Standard Deviation	4.30	3.40	4.55
Sharpe Ratio	1.01	1.11	0.90
Tracking Error	2.25	-	2.90
Information Ratio	0.27	-	0.06
Up Capture Ratio	115.96	-	109.33
Down Capture Ratio	126.81	-	124.06

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.30	4.43	-
Avg Eff Maturity	8.41	-	-

BlackRock Total Return K MPHQX

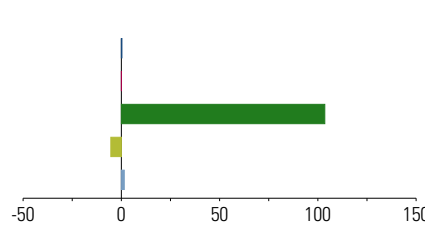
Morningstar Category Intermediate Core-Plus Bond
Morningstar Index BBgBarc US Agg Bond TR USD

Style Analysis as of 12-31-2020

Style Breakdown



Asset Allocation as of 12-31-2020

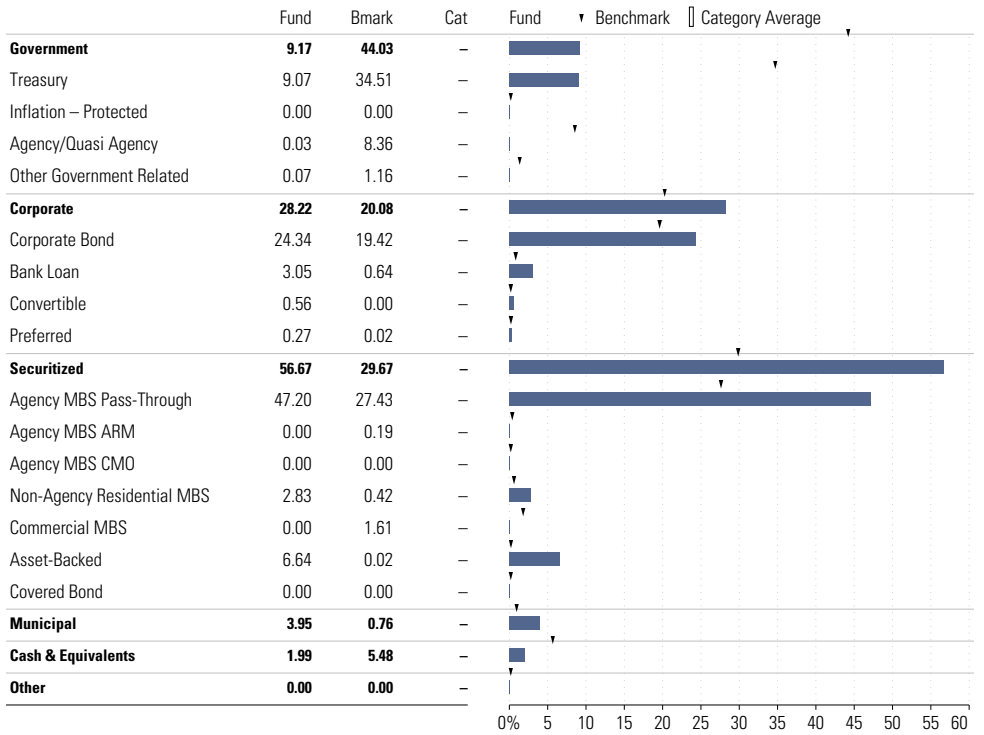


Asset Class	Net %	Cat%
US Stocks	0.29	—
Non-US Stocks	0.06	—
Bonds	103.53	—
Cash	-5.35	—
Other	1.48	—
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	50.82	3.53	—
AA	4.70	74.59	—
A	15.38	10.82	—
BBB	18.76	8.32	—
BB	2.19	0.28	—
B	1.66	0.00	—
Below B	2.17	0.00	—
Not Rated	4.32	2.46	—

Sector Weighting as of 12-31-2020



Top 0 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
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Total Holdings 0

⊕ Increase ⊖ Decrease ✱ New to Portfolio

DFA Global Equity I DGEIX

Morningstar Category
World Large Stock

Morningstar Index
MSCI ACWI Large Cap NR USD

Portfolio Manager(s)

David Plecha since 12-2003
Joseph Kolerich since 02-2012
Jed Fogdall since 02-2012
Allen Pu since 02-2017
Mary Phillips since 02-2017

Quantitative Screens

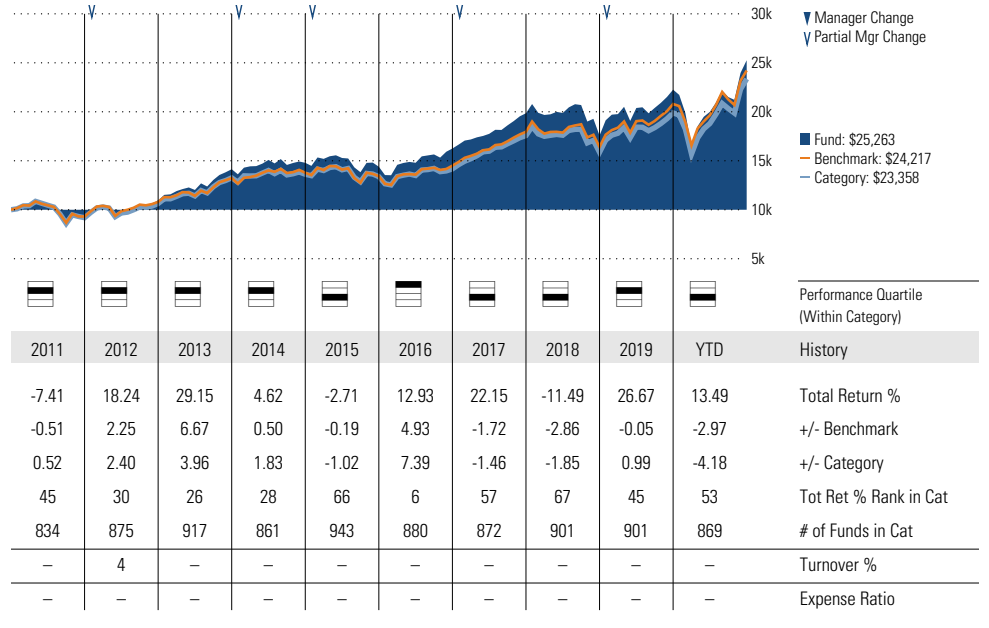
Performance: The fund has finished in the World Large Stock category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 17.03 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 0.28 is 74.31% lower than the World Large Stock category average.

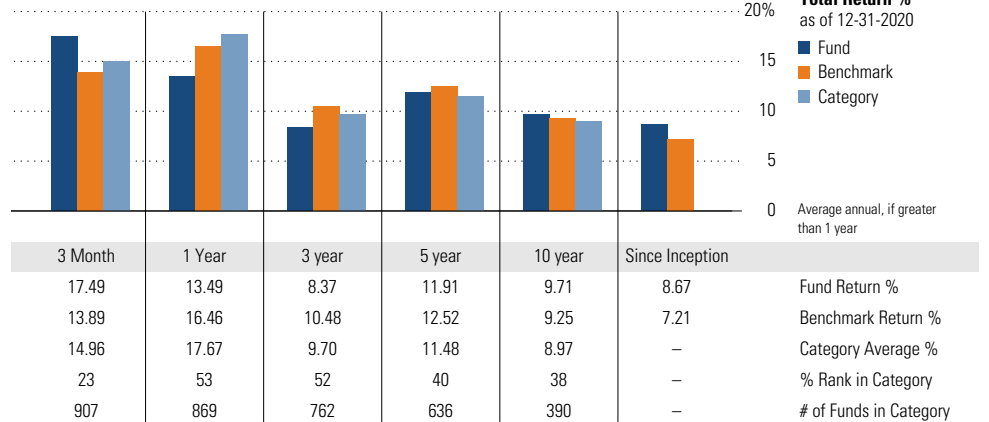
Growth of \$10,000



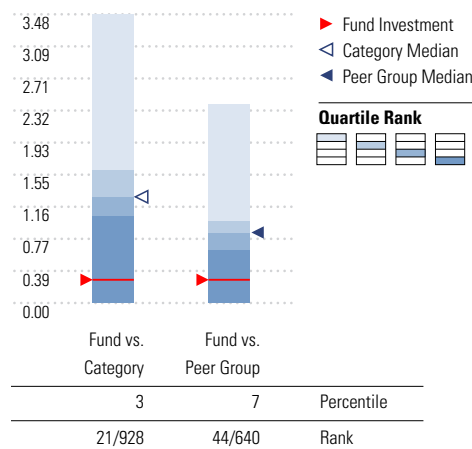
Morningstar Investment Management LLC Analysis

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	-2.92	-	-0.04
Beta	1.13	-	0.99
R-Squared	97.45	-	92.98
Standard Deviation	20.57	17.99	18.56
Sharpe Ratio	0.42	0.56	0.53
Tracking Error	4.02	-	5.13
Information Ratio	-0.53	-	-0.07
Up Capture Ratio	103.82	-	97.05
Down Capture Ratio	114.96	-	96.90

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.71	16.67	17.26
Price/Book Ratio	1.86	2.05	2.15
Geom Avg Mkt Cap \$B	15.13	65.35	39.85
ROE	15.54	19.21	18.92

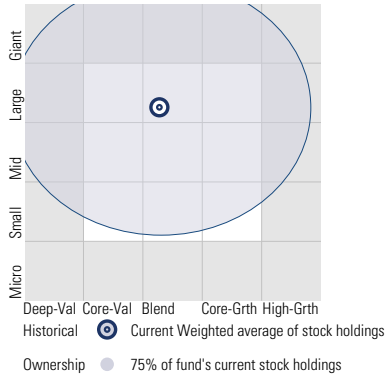
DFA Global Equity I DGEIX

Morningstar Category
World Large Stock

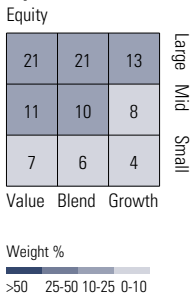
Morningstar Index
MSCI ACWI Large Cap NR USD

Style Analysis as of 12-31-2020

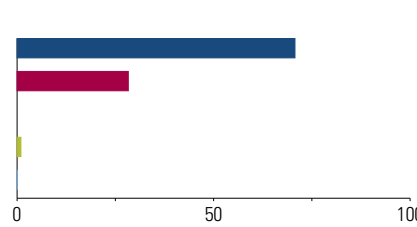
Morningstar Style Box™



Style Breakdown

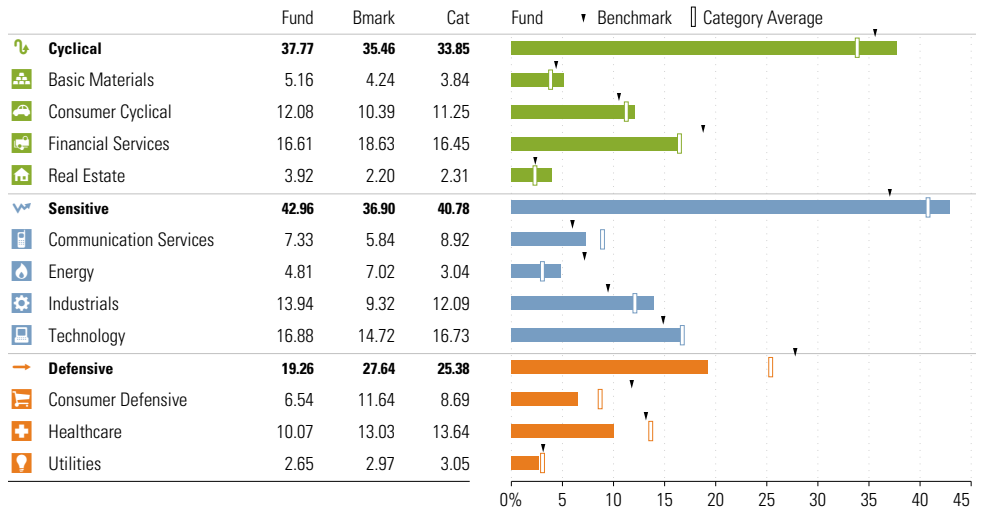


Asset Allocation as of 12-31-2020

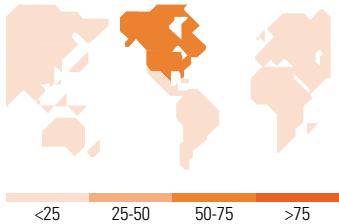


Asset Class	Net %	Cat%
US Stocks	70.70	53.76
Non-US Stocks	28.29	42.39
Bonds	0.00	0.23
Cash	0.97	2.70
Other	0.04	0.93
Total	100.00	100.00

Sector Weighting as of 12-31-2020



World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	12.75	16.21	Americas	74.38	58.90	Greater Europe	12.85	24.88	Market Maturity	Fund %
Japan	4.86	6.06	North America	73.24	58.05	United Kingdom	3.43	6.41	Developed Markets	94.75
Australasia	1.39	0.94	Central/Latin	1.14	0.85	W euro-ex UK	8.46	17.80	Emerging Markets	5.25
Asia-4 Tigers	3.12	3.86				Emrgng Europe	0.33	0.28	Not Available	0.00
Asia-ex 4 Tigers	3.38	5.35				Africa	0.63	0.39		
Not Classified	0.00	0.00								

Top 7 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ DFA US Core Equity 2 I	51.71	51.71	--	--
⊖ DFA International Core Equity I	20.84	72.55	--	--
⊖ DFA US Core Equity 1 I	17.30	89.85	--	--
⊕ DFA Emerging Markets Core Equity I	7.35	97.20	--	--
⊖ DFA Real Estate Securities I	2.80	100.00	--	--
⊕ Ssc Government Mm Gvmxx	0.00	100.00	--	--
⊕ Usd	0.00	100.00	--	--

Total Holdings 7

⊕ Increase ⊖ Decrease ✱ New to Portfolio

DFA US Large Cap Value I DFLVX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Portfolio Manager(s)

Jed Fogdall since 02-2012
Lukas Smart since 07-2015
Joel Schneider since 02-2019

Quantitative Screens

✔ **Performance:** The fund has finished in the Large Value 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 8.85 years.

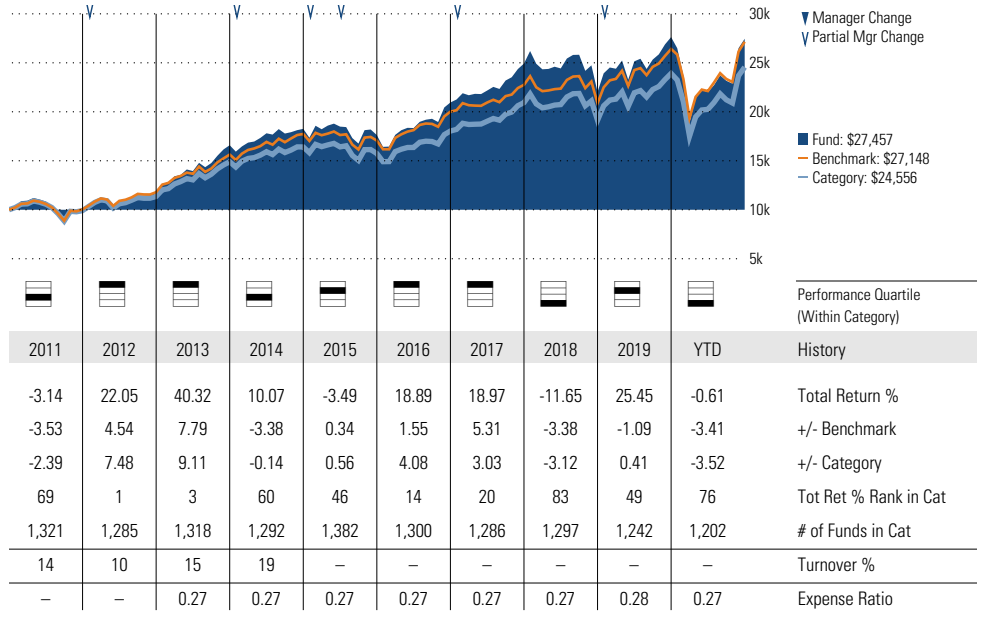
✔ **Style:** The fund has landed in its primary style box — Large Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 72.34% lower than the Large Value category average.

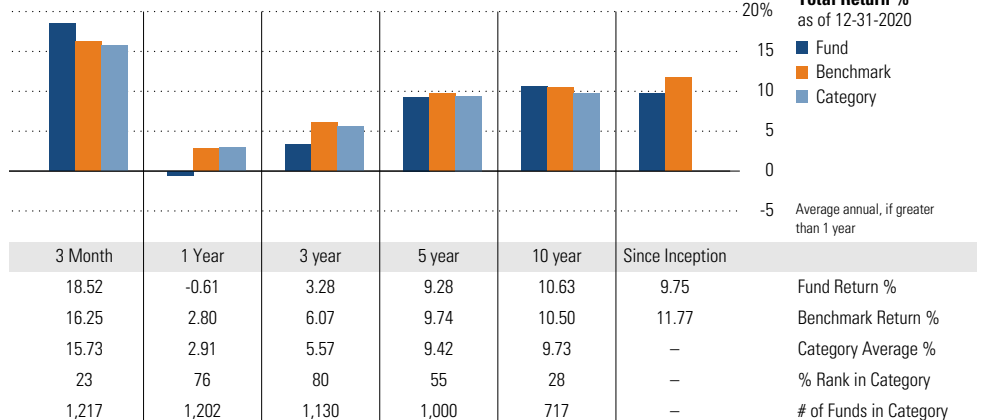
Morningstar Investment Management LLC Analysis

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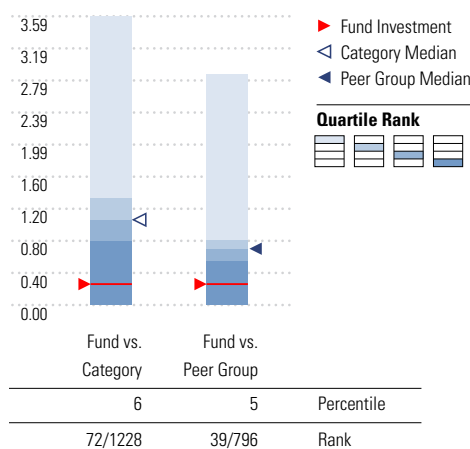
Growth of \$10,000



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

Metric	Fund	Bmark	Cat
Alpha	-3.18	-	-0.42
Beta	1.15	-	0.99
R-Squared	99.22	-	96.33
Standard Deviation	22.94	19.90	20.03
Sharpe Ratio	0.19	0.32	0.30
Tracking Error	3.58	-	4.17
Information Ratio	-0.78	-	-0.16
Up Capture Ratio	105.97	-	98.27
Down Capture Ratio	118.63	-	100.36

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.67	16.59	16.45
Price/Book Ratio	1.62	1.83	2.17
Geom Avg Mkt Cap \$B	53.28	53.25	87.27
ROE	11.92	13.49	19.10

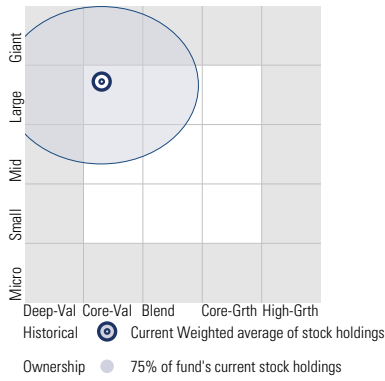
DFA US Large Cap Value I DFLVX

Morningstar Category
Large Value

Morningstar Index
Russell 1000 Value TR USD

Style Analysis as of 12-31-2020

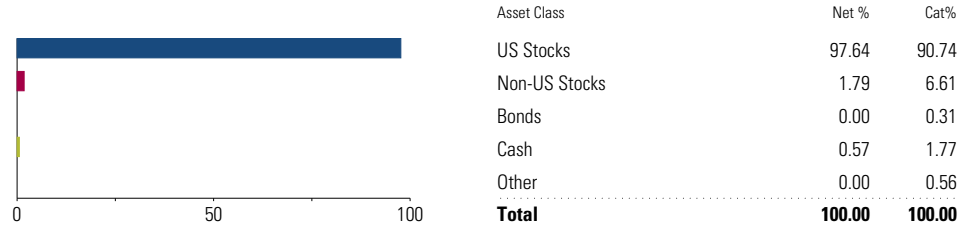
Morningstar Style Box™



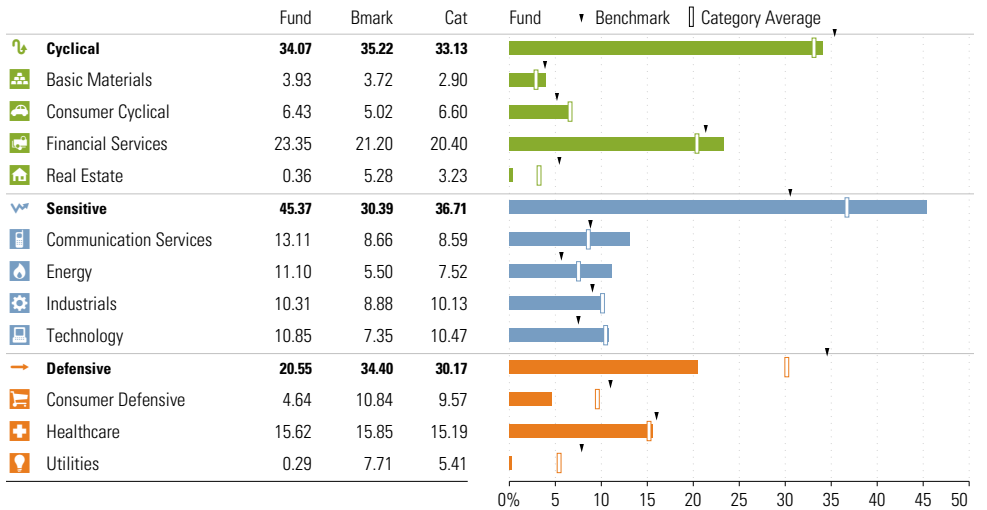
Style Breakdown



Asset Allocation as of 12-31-2020



Sector Weighting as of 12-31-2020



Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ AT&T Inc	4.35	4.35	-21.08	Communication Svc
⊖ Intel Corp	4.26	8.61	-14.55	Technology
⊖ JPMorgan Chase & Co	3.33	11.94	-6.26	Financial Services
⊖ Comcast Corp Class A	3.26	15.20	18.52	Communication Svc
⊖ Pfizer Inc	3.11	18.31	1.12	Healthcare
⊖ Chevron Corp	2.96	21.27	-25.64	Energy
⊖ Exxon Mobil Corp	2.56	23.84	-35.94	Energy
⊕ Wells Fargo & Co	2.52	26.36	-41.64	Financial Services
⊕ Bank of America Corp	2.47	28.83	-11.90	Financial Services
⊖ Berkshire Hathaway Inc B	2.29	31.12	2.37	Financial Services
⊕ The Walt Disney Co	1.98	33.09	25.27	Communication Svc
⊖ Charter Communications Inc A	1.72	34.81	36.38	Communication Svc
⊖ Citigroup Inc	1.64	36.45	-20.27	Financial Services
⊖ Anthem Inc	1.28	37.73	7.57	Healthcare
⊖ Medtronic PLC	1.27	39.01	5.26	Healthcare

Total Holdings 324

⊕ Increase ⊖ Decrease ✨ New to Portfolio

JPMorgan US Equity R6 JUEMX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Scott Davis since 08-2014
David Small since 07-2016

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 6.38 years.

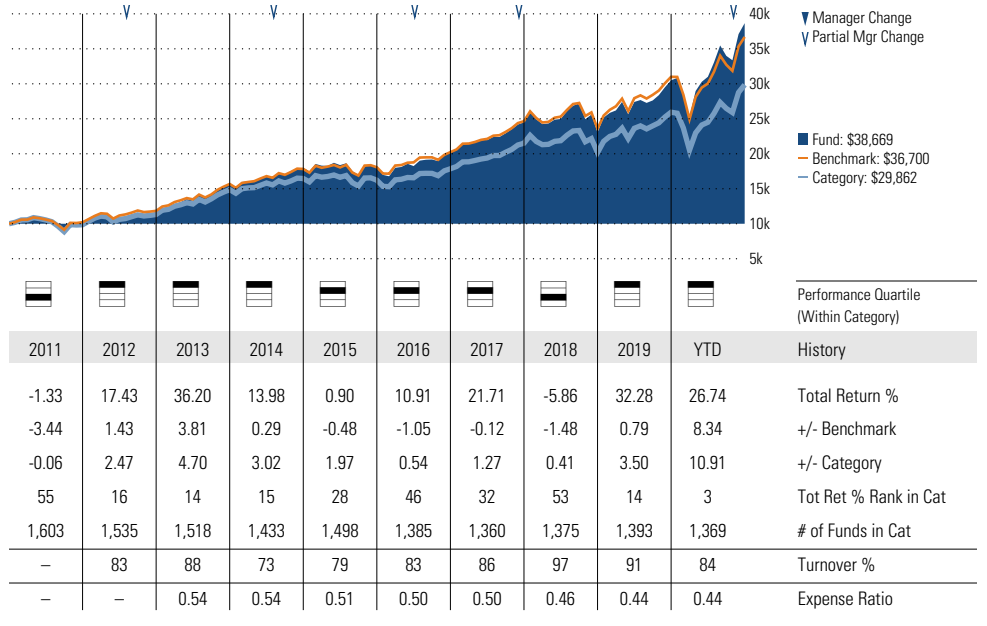
✘ **Style:** The fund has landed in its primary style box — Large Blend — 31.43 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 47.62% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

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

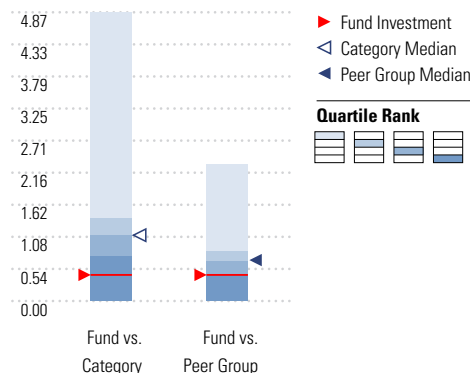
Growth of \$10,000



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	1.55	-	-1.82
Beta	1.04	-	0.98
R-Squared	98.79	-	95.80
Standard Deviation	19.62	18.79	18.73
Sharpe Ratio	0.80	0.72	0.61
Tracking Error	2.28	-	3.64
Information Ratio	0.99	-	-1.14
Up Capture Ratio	105.70	-	92.86
Down Capture Ratio	99.48	-	99.18

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.53	18.71	17.87
Price/Book Ratio	2.62	2.74	2.65
Geom Avg Mkt Cap \$B	66.96	73.09	97.84
ROE	18.65	21.80	22.01

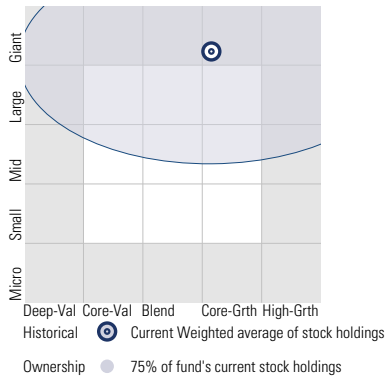
JPMorgan US Equity R6 JUEMX

Morningstar Category
Large Blend

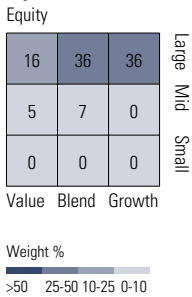
Morningstar Index
S&P 500 TR USD

Style Analysis as of 12-31-2020

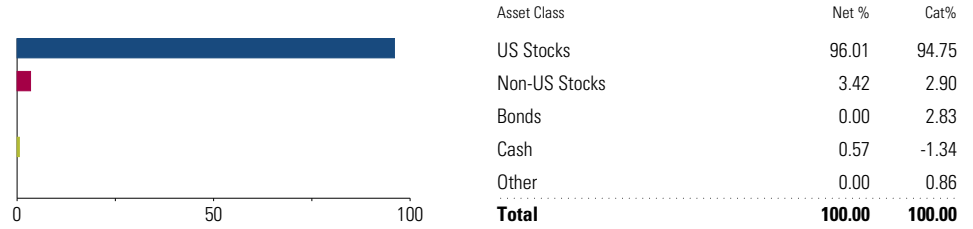
Morningstar Style Box™



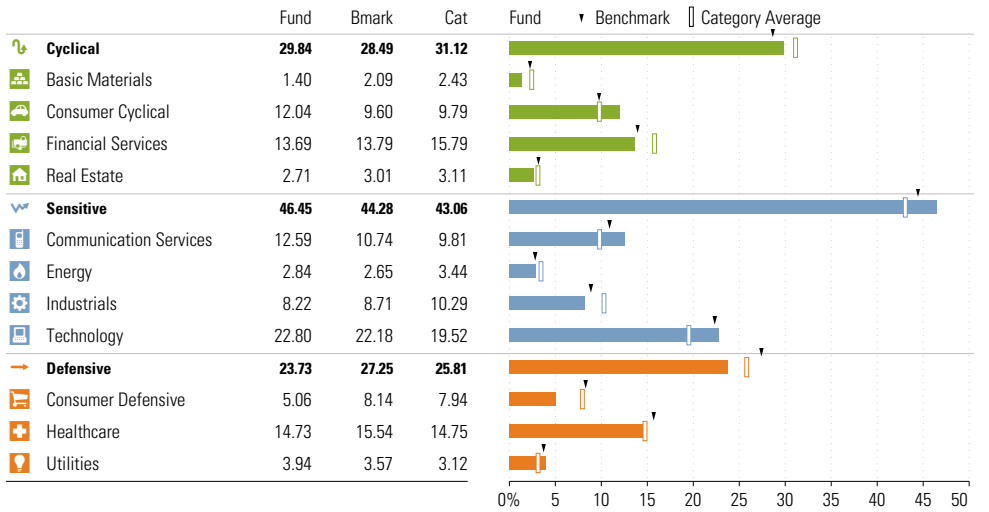
Style Breakdown



Asset Allocation as of 12-31-2020



Sector Weighting as of 12-31-2020



Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	6.59	6.59	42.37	Technology
Amazon.com Inc	5.12	11.71	76.26	Consumer Cyclical
Alphabet Inc A	4.34	16.05	30.85	Communication Svc
Mastercard Inc A	3.48	19.53	20.08	Financial Services
Apple Inc	3.38	22.91	81.85	Technology
Coca-Cola Co	3.18	26.09	2.04	Consumer Defensive
Northrop Grumman Corp	2.73	28.82	-9.76	Industrials
Prologis Inc	2.69	31.51	14.40	Real Estate
UnitedHealth Group Inc	2.59	34.10	20.93	Healthcare
Salesforce.com Inc	2.52	36.63	36.82	Technology
Taiwan Semiconductor Manufacturing Co Ltd ADR	2.44	39.06	90.63	Technology
Norfolk Southern Corp	2.29	41.35	24.33	Industrials
NextEra Energy Inc	2.18	43.53	29.75	Utilities
Texas Instruments Inc	2.15	45.68	30.84	Technology
Eaton Corp PLC	2.15	47.82	29.92	Industrials

Total Holdings 64

⊕ Increase ⊖ Decrease ✨ New to Portfolio

MFS Mid Cap Growth R6 OTCKX

Morningstar Category
Mid-Cap Growth

Morningstar Index
Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Eric Fischman since 11-2008
Paul Gordon since 05-2011

Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Growth 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 12.12 years.

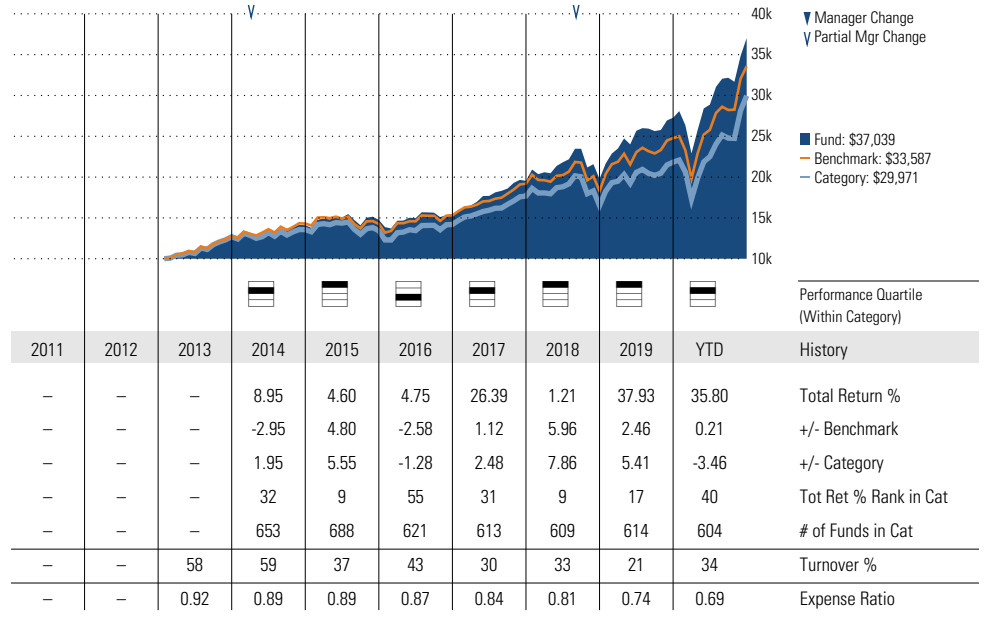
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.7 is 37.5% lower than the Mid-Cap Growth category average.

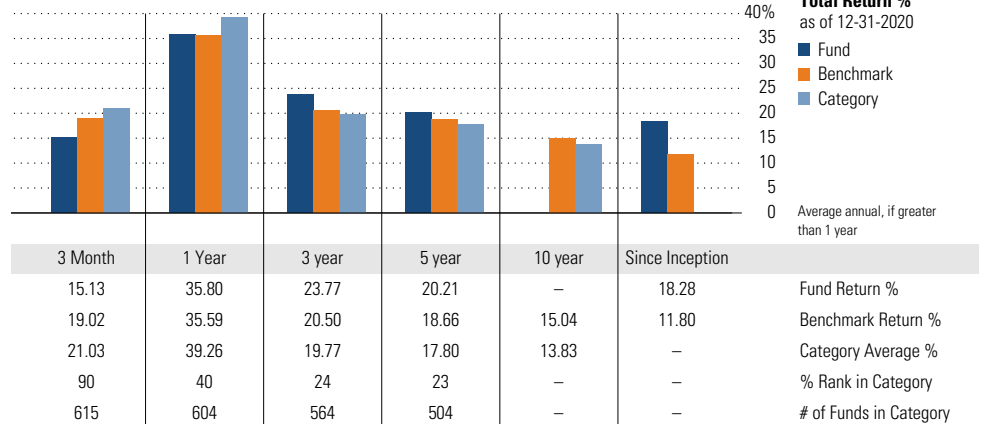
Morningstar Investment Management LLC Analysis

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.

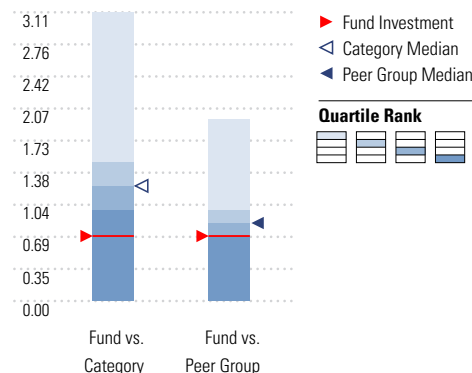
Growth of \$10,000



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

	Fund	Bmark	Cat
Alpha	5.01	-	0.27
Beta	0.87	-	1.01
R-Squared	96.01	-	93.61
Standard Deviation	19.29	21.75	22.71
Sharpe Ratio	1.13	0.90	0.88
Tracking Error	4.80	-	5.78
Information Ratio	0.68	-	-0.12
Up Capture Ratio	95.91	-	101.08
Down Capture Ratio	78.80	-	101.27

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.79	24.43	24.72
Price/Book Ratio	4.39	4.75	4.01
Geom Avg Mkt Cap \$B	10.33	11.70	9.33
ROE	18.68	21.26	18.42

MFS Mid Cap Growth R6 OTCKX

Morningstar Category

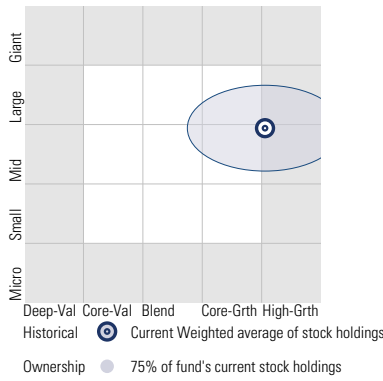
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Style Analysis as of 12-31-2020

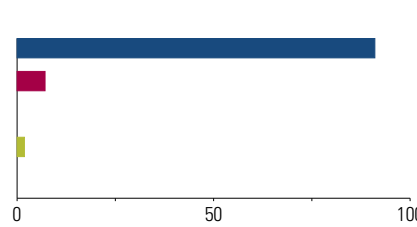
Morningstar Style Box™



Style Breakdown

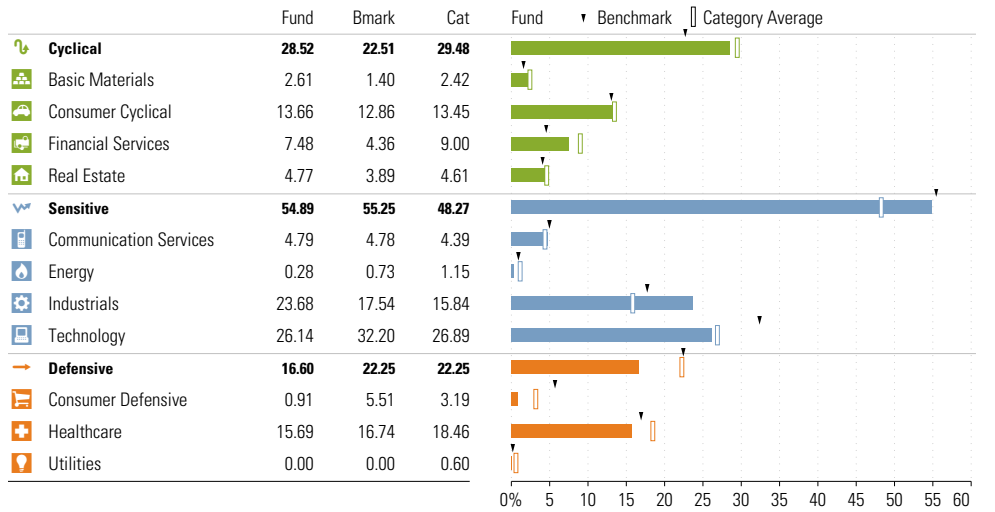


Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	91.03	92.13
Non-US Stocks	7.11	5.05
Bonds	0.00	0.05
Cash	1.86	2.46
Other	0.00	0.33
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Global Payments Inc	3.97	3.97	18.43	Industrials
⊕ Bright Horizons Family Solutions Inc	3.75	7.72	15.10	Consumer Cyclical
⊕ PerkinElmer Inc	2.26	9.99	48.07	Healthcare
⊕ Copart Inc	2.26	12.24	39.93	Industrials
⊕ Verisk Analytics Inc	2.20	14.44	39.73	Industrials
⊕ Steris PLC	2.19	16.64	25.36	Healthcare
⊕ Fidelity National Information Services Inc	2.15	18.78	2.71	Technology
⊕ MSCI Inc	2.11	20.89	74.08	Financial Services
⊕ Cadence Design Systems Inc	2.04	22.93	96.70	Technology
⊕ AMETEK Inc	2.01	24.94	21.98	Industrials
⊕ IHS Markit Ltd	1.98	26.92	20.12	Industrials
⊕ SBA Communications Corp	1.96	28.89	17.84	Real Estate
⊕ Autodesk Inc	1.88	30.77	66.43	Technology
⊖ Fiserv Inc	1.88	32.65	-1.53	Technology
⊕ Roper Technologies Inc	1.87	34.52	22.28	Industrials

Total Holdings 94

⊕ 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 6 years.

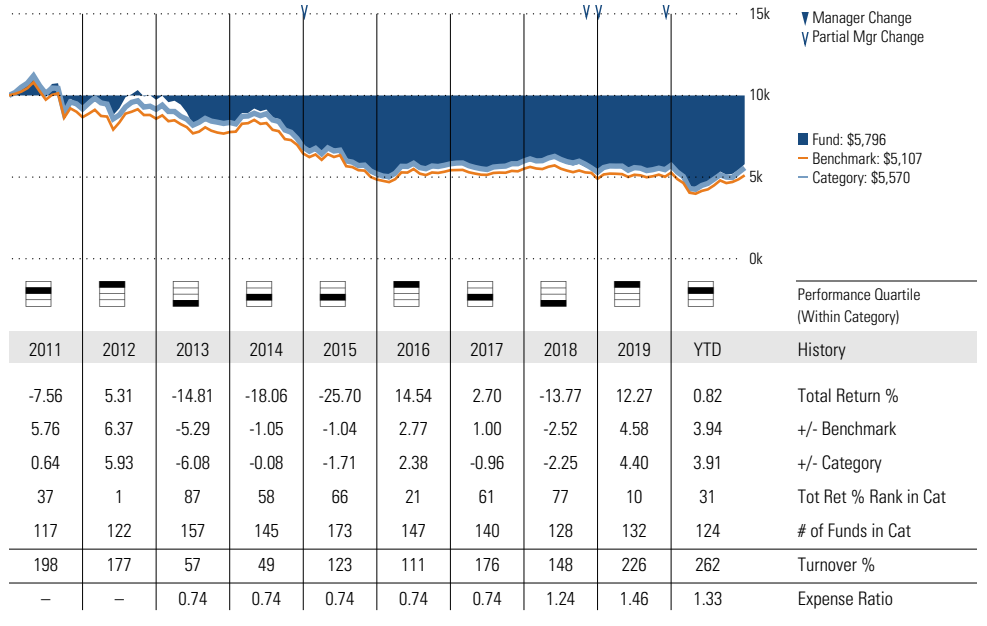
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.33 is 18.75% higher than the Commodities Broad Basket category average.

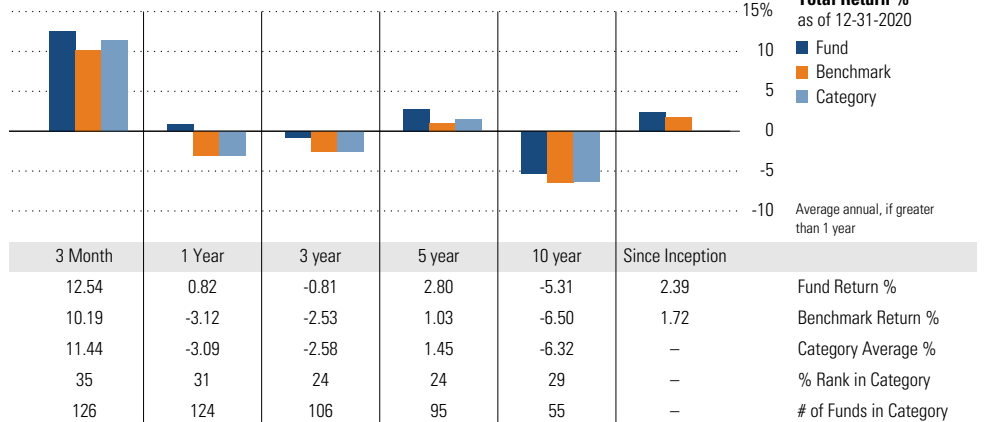
Morningstar Investment Management LLC Analysis

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.

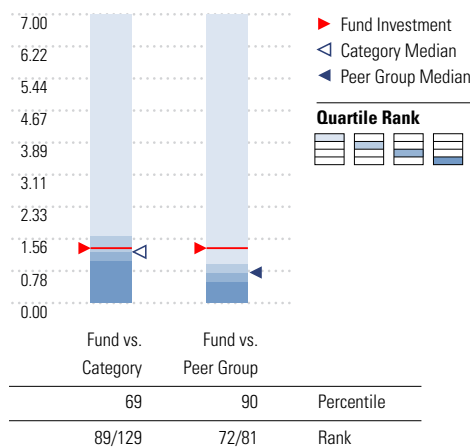
Growth of \$10,000



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	2.69	-	0.62
Beta	1.22	-	1.10
R-Squared	96.28	-	83.48
Standard Deviation	17.63	14.13	17.28
Sharpe Ratio	-0.04	-0.22	-0.16
Tracking Error	4.65	-	7.46
Information Ratio	0.37	-	-0.02
Up Capture Ratio	122.15	-	111.48
Down Capture Ratio	110.17	-	110.38

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	17.61
Price/Book Ratio	1.51	-	2.09
Geom Avg Mkt Cap \$B	20.09	-	34.02
ROE	16.78	-	11.39

PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category
Commodities Broad Basket

Morningstar Index
Bloomberg Commodity TR USD

Style Analysis as of 12-31-2020

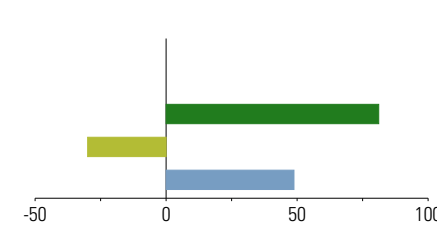
Morningstar Style Box™



Style Breakdown

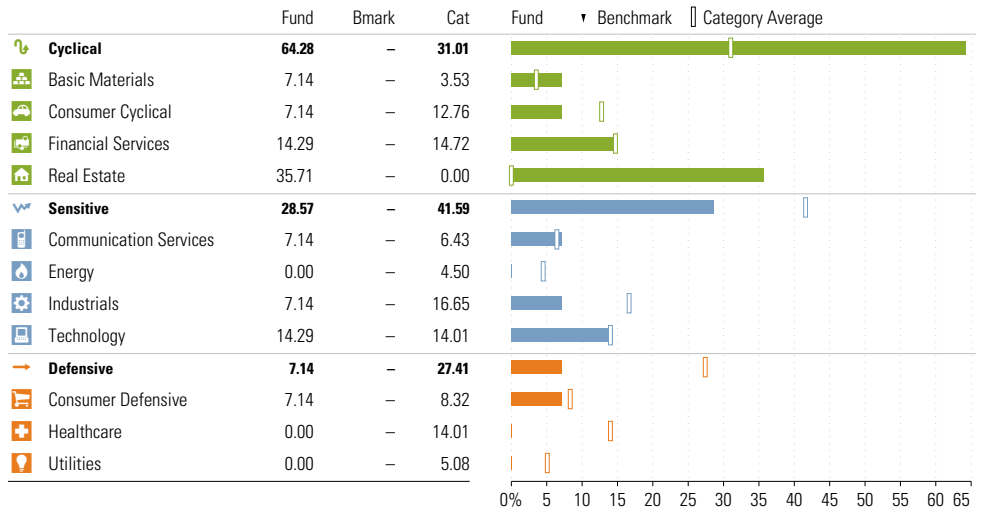


Asset Allocation as of 12-31-2020



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 12-31-2020



Top 15 Holdings as of 12-31-2020

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 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 10.01 years.

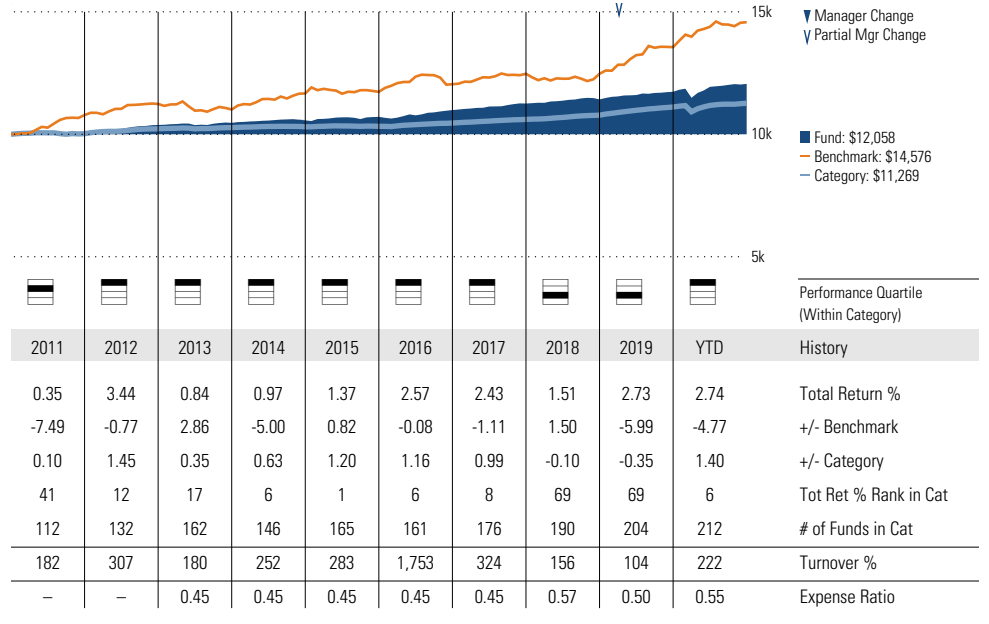
Style Consistency is not calculated for Fixed Income funds.

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

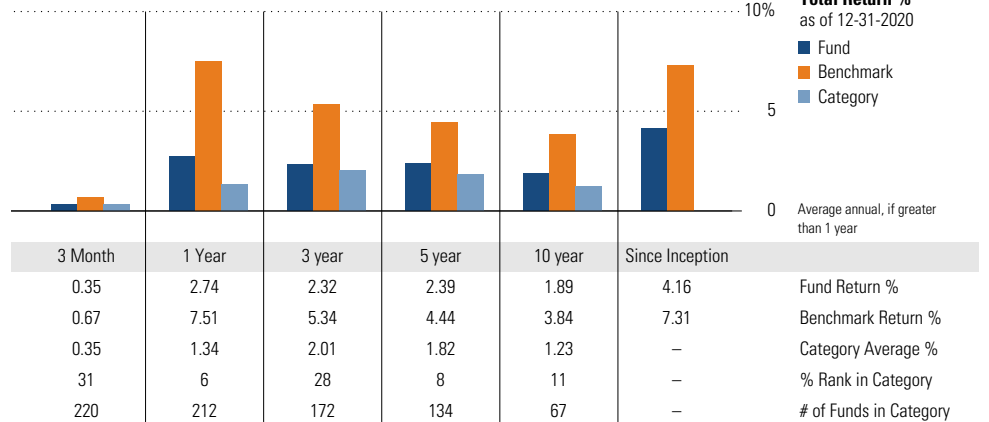
Morningstar Investment Management LLC Analysis

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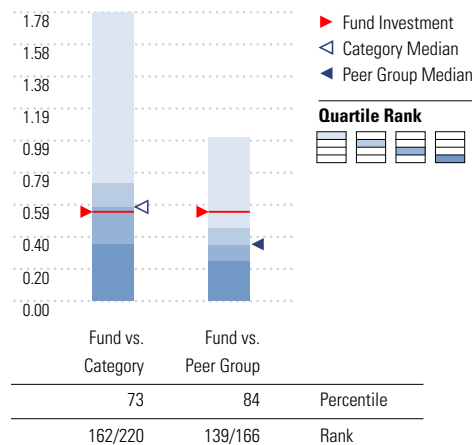
Growth of \$10,000



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	1.73	-	1.17
Beta	0.11	-	0.15
R-Squared	2.64	-	12.20
Standard Deviation	2.37	3.40	1.76
Sharpe Ratio	0.34	1.11	0.30
Tracking Error	3.82	-	3.49
Information Ratio	-0.79	-	-0.98
Up Capture Ratio	29.66	-	28.24
Down Capture Ratio	-2.14	-	7.79

Portfolio Metrics

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

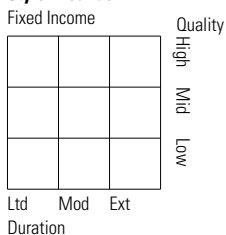
PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

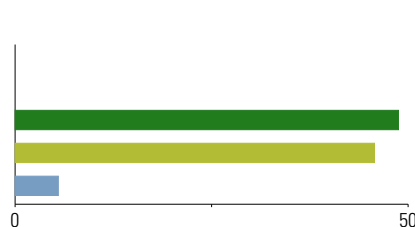
Morningstar Index
BBgBarc US Agg Bond TR USD

Style Analysis as of 12-31-2020

Style Breakdown



Asset Allocation as of 12-31-2020

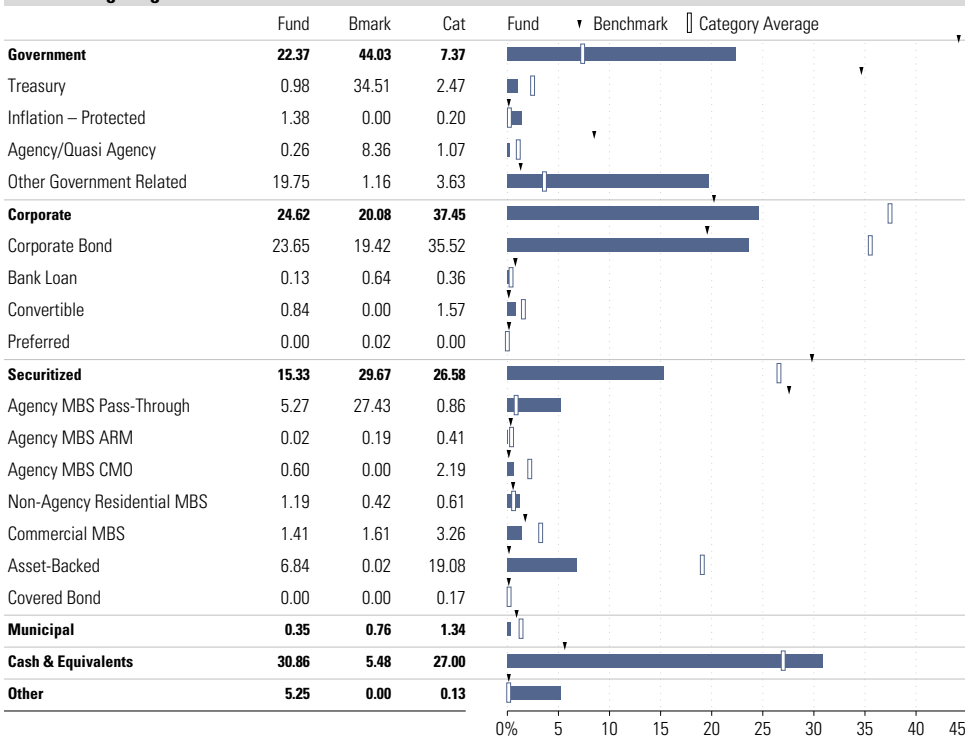


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	48.77	70.50
Cash	45.72	26.95
Other	5.50	2.56
Total	100.00	100.00

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 12-31-2020



Top 10 Holdings as of 12-31-2020

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

State St Russell Lg Cap Gr® Indx NL CI C

Morningstar Category
Large Growth

Morningstar Index
Russell 1000 Growth TR USD

Portfolio Manager(s)

Management Team since 07-1999

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.52 years.

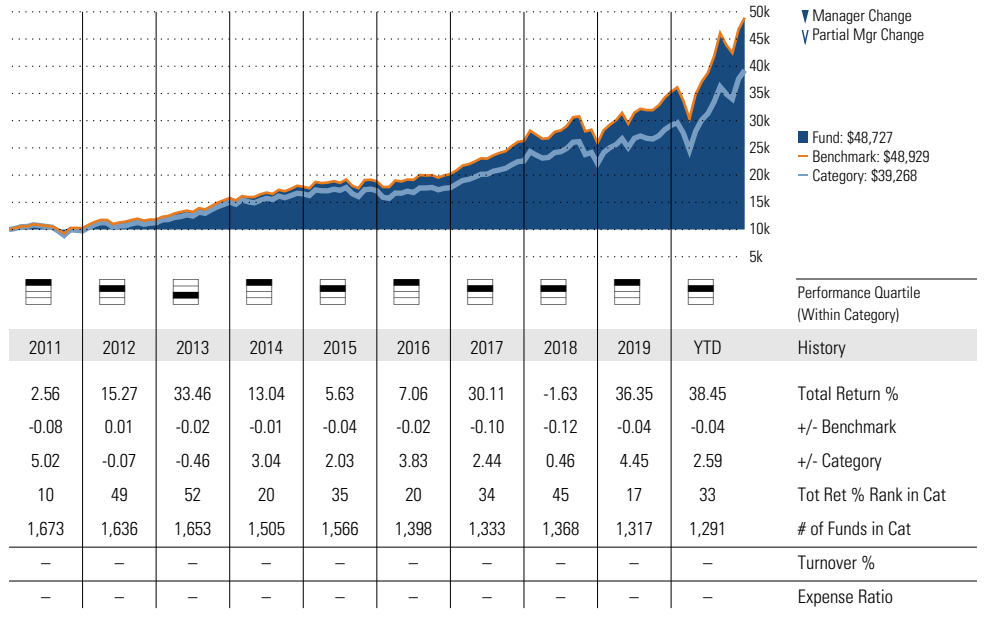
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.7% lower than the Large Growth category average.

Morningstar Investment Management LLC Analysis

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

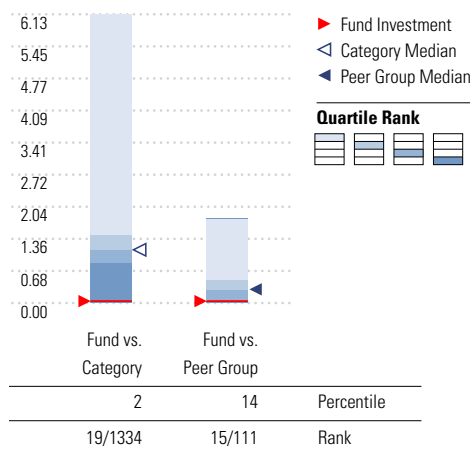
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.04	-	-0.29
Beta	1.00	-	0.98
R-Squared	100.00	-	96.96
Standard Deviation	19.90	19.92	19.91
Sharpe Ratio	1.06	1.06	1.03
Tracking Error	0.05	-	3.23
Information Ratio	-1.37	-	-0.44
Up Capture Ratio	99.85	-	97.18
Down Capture Ratio	100.00	-	97.74

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.10	21.82	-
Price/Book Ratio	5.01	5.15	-
Geom Avg Mkt Cap \$B	49.99	55.71	-
ROE	25.76	27.80	-

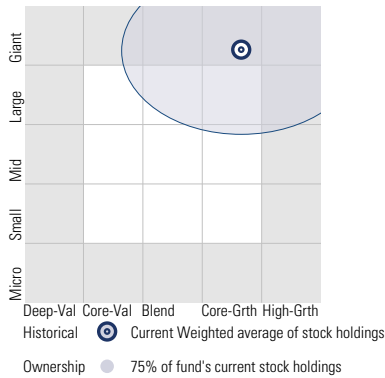
State St Russell Lg Cap Gr® Indx NL CI C

Morningstar Category
Large Growth

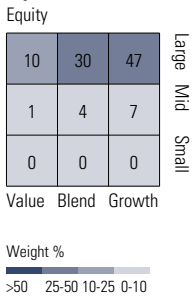
Morningstar Index
Russell 1000 Growth TR USD

Style Analysis as of 12-31-2020

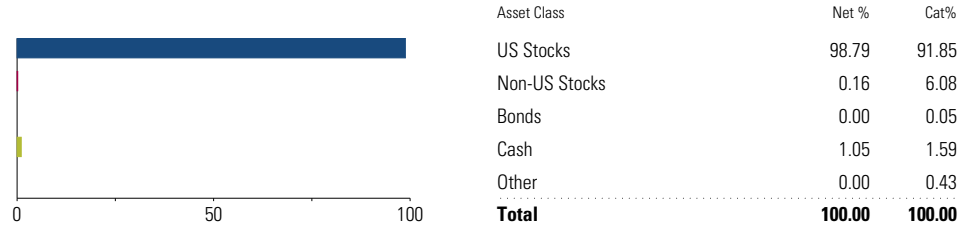
Morningstar Style Box™



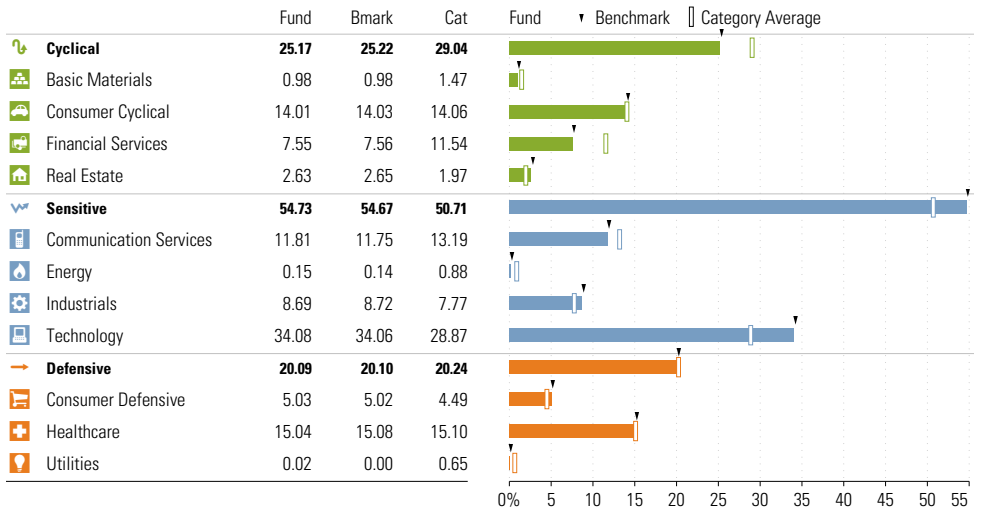
Style Breakdown



Asset Allocation as of 12-31-2020



Sector Weighting as of 12-31-2020



Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	8.98	8.98	42.37	Technology
Apple Inc	7.89	16.87	81.85	Technology
Amazon.com Inc	6.14	23.01	76.26	Consumer Cyclical
Facebook Inc A	3.00	26.01	33.09	Communication Svc
Alphabet Inc Class C	2.63	28.64	31.03	Communication Svc
Alphabet Inc A	2.62	31.26	30.85	Communication Svc
Visa Inc Class A	2.08	33.34	17.06	Financial Services
UnitedHealth Group Inc	1.78	35.11	20.93	Healthcare
Mastercard Inc A	1.61	36.72	20.08	Financial Services
Merck & Co Inc	1.40	38.12	-7.33	Healthcare
Cisco Systems Inc	1.27	39.39	-3.71	Technology
Netflix Inc	1.19	40.59	67.11	Communication Svc
NVIDIA Corp	1.16	41.75	122.20	Technology
Adobe Inc	1.15	42.90	51.64	Technology
PepsiCo Inc	1.07	43.96	11.45	Consumer Defensive

Total Holdings 538

⊕ Increase ⊖ Decrease ✨ New to Portfolio

State St Russell Sm Cap® Gr Indx NL CI C

Morningstar Category
Small Growth

Morningstar Index
Russell 2000 Growth TR USD

Portfolio Manager(s)

Management Team since 09-2009

Quantitative Screens

✔ **Performance:** The fund has finished in the Small 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 11.33 years.

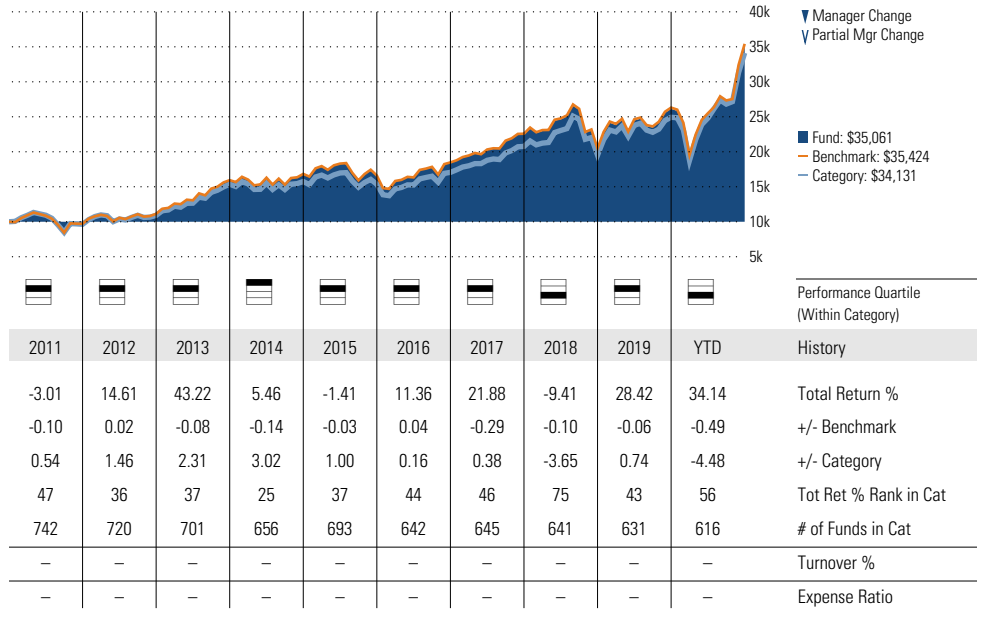
✔ **Style:** The fund has landed in its primary style box — Small Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 95.58% lower than the Small Growth category average.

Morningstar Investment Management LLC Analysis

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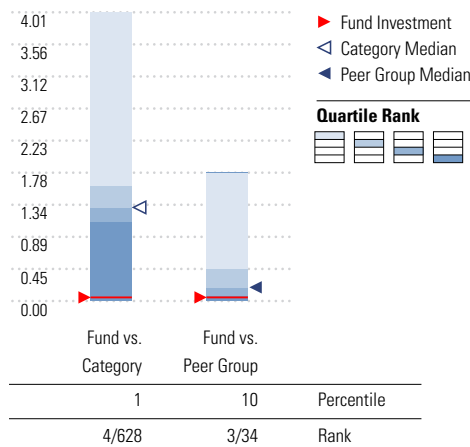
Growth of \$10,000



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

	Fund	Bmark	Cat
Alpha	-0.17	-	-1.35
Beta	1.00	-	0.97
R-Squared	100.00	-	96.46
Standard Deviation	25.45	25.46	25.27
Sharpe Ratio	0.65	0.66	0.59
Tracking Error	0.12	-	4.16
Information Ratio	-1.73	-	-0.49
Up Capture Ratio	99.66	-	95.61
Down Capture Ratio	100.15	-	100.13

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.99	24.72	-
Price/Book Ratio	4.11	3.88	-
Geom Avg Mkt Cap \$B	1.57	1.66	-
ROE	8.90	10.22	-

State St Russell Sm Cap® Gr Indx NL CI C

Morningstar Category

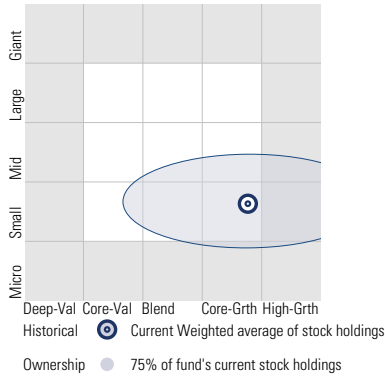
Small Growth

Morningstar Index

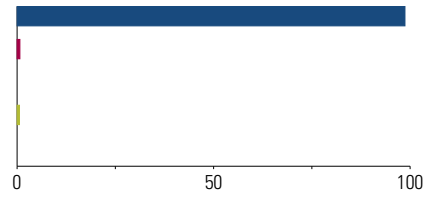
Russell 2000 Growth TR USD

Style Analysis as of 12-31-2020

Morningstar Style Box™

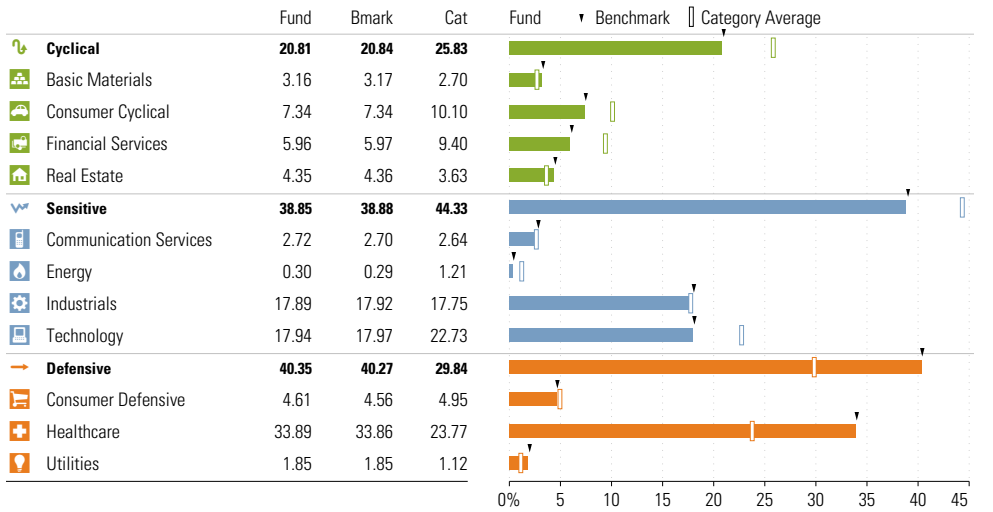


Asset Allocation as of 12-31-2020

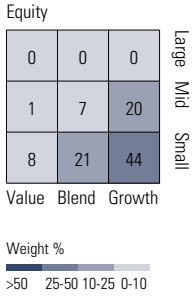


Asset Class	Net %	Cat%
US Stocks	98.69	93.70
Non-US Stocks	0.71	3.38
Bonds	0.00	0.00
Cash	0.60	2.60
Other	0.00	0.32
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Style Breakdown



Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Teladoc Health Inc	1.39	1.39	138.84	Healthcare
⊖ NovoCure Ltd	0.72	2.11	105.34	Healthcare
⊖ Amedisys Inc	0.71	2.82	75.73	Healthcare
⊖ Generac Holdings Inc	0.71	3.53	126.08	Industrials
⊕ E-Mini Russ 2000 Jun20 Xcme 20200619	0.70	4.24	-	-
⊖ Repligen Corp	0.63	4.86	107.17	Healthcare
⊖ Haemonetics Corp	0.63	5.49	3.35	Healthcare
⊖ ACADIA Pharmaceuticals Inc	0.58	6.07	24.96	Healthcare
⊖ Trex Co Inc	0.58	6.65	86.29	Industrials
⊖ Five9 Inc	0.56	7.22	165.93	Technology
⊖ Science Applications International Corp	0.54	7.75	10.46	Technology
⊖ Chegg Inc	0.53	8.28	138.27	Consumer Defensive
⊖ LHC Group Inc	0.52	8.80	54.85	Healthcare
⊕ State Street Corporation Short Term Investment Fund	0.52	9.32	-	-
⊖ Axon Enterprise Inc	0.51	9.82	67.21	Industrials

Total Holdings 1133

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Templeton Global Bond R6 FBNRX

Morningstar Category
Nontraditional Bond

Morningstar Index
BBgBarc US Govt/Credit 5-10 Yr TR USD

Portfolio Manager(s)

Michael Hasenstab since 12-2001
Calvin Ho since 12-2018

Quantitative Screens

✗ **Performance:** The fund has finished in the Nontraditional Bond category's top three quartiles in 4 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 19.01 years.

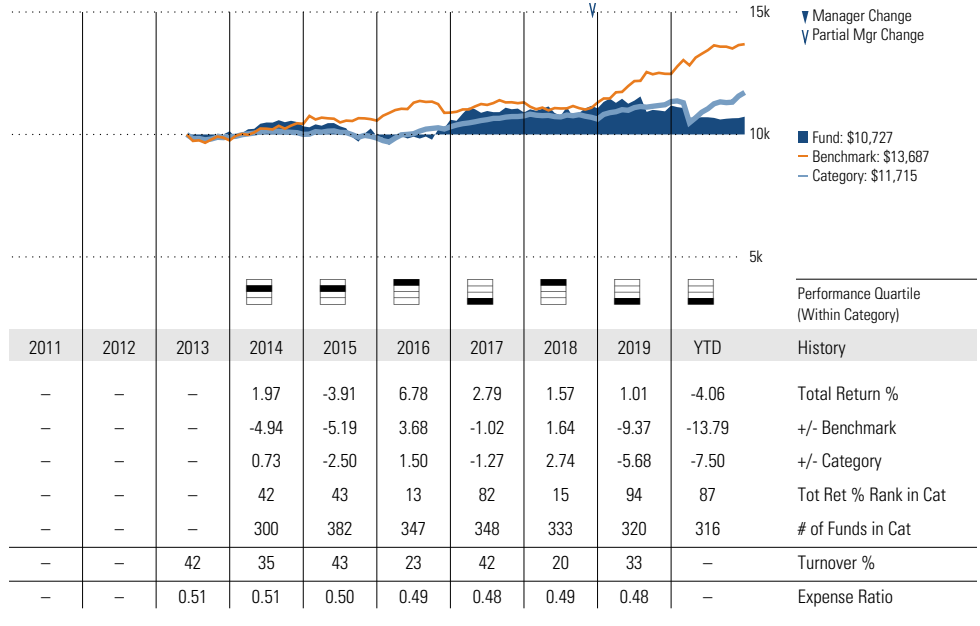
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.56 is 55.56% lower than the Nontraditional Bond category average.

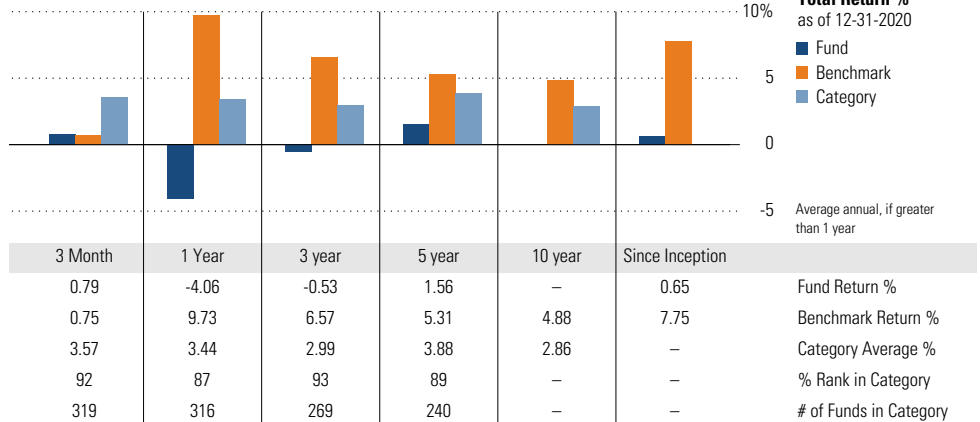
Morningstar Investment Management LLC Analysis

We are placing this fund on watch due to concerns about its fit for retirement plans and performance. In spite of its global-bond name, this fund's distinctive strategy is such that it has few comparable peers and does not fit particularly well in any Morningstar category. It had been categorized as a world bond fund and in August 2019 was recategorized to the nontraditional bond Morningstar Category. When the change occurred, we retained the fund under fiduciary coverage as we continued to review its role in retirement lineups and its performance characteristics. The fund has continued to provide inconsistent exposure to world bonds and its returns relative to both the world bond and nontraditional bond categories have been uneven, with low-ranking trailing returns.

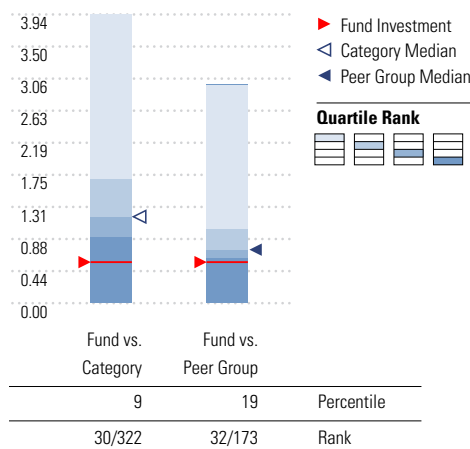
Growth of \$10,000



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	2.73	-	0.02
Beta	-0.48	-	0.49
R-Squared	10.24	-	14.48
Standard Deviation	6.11	4.11	6.58
Sharpe Ratio	-0.30	1.21	0.30
Tracking Error	8.38	-	6.75
Information Ratio	-0.85	-	-0.57
Up Capture Ratio	-19.06	-	52.32
Down Capture Ratio	-43.62	-	66.86

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	-1.01	6.37	0.62
Avg Eff Maturity	1.54	7.30	7.41

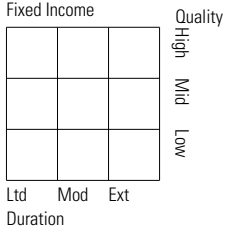
Templeton Global Bond R6 FBNRX

Morningstar Category
Nontraditional Bond

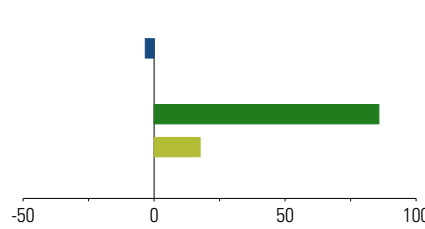
Morningstar Index
BBgBarc US Govt/Credit 5-10 Yr TR USD

Style Analysis as of 12-31-2020

Style Breakdown



Asset Allocation as of 12-31-2020

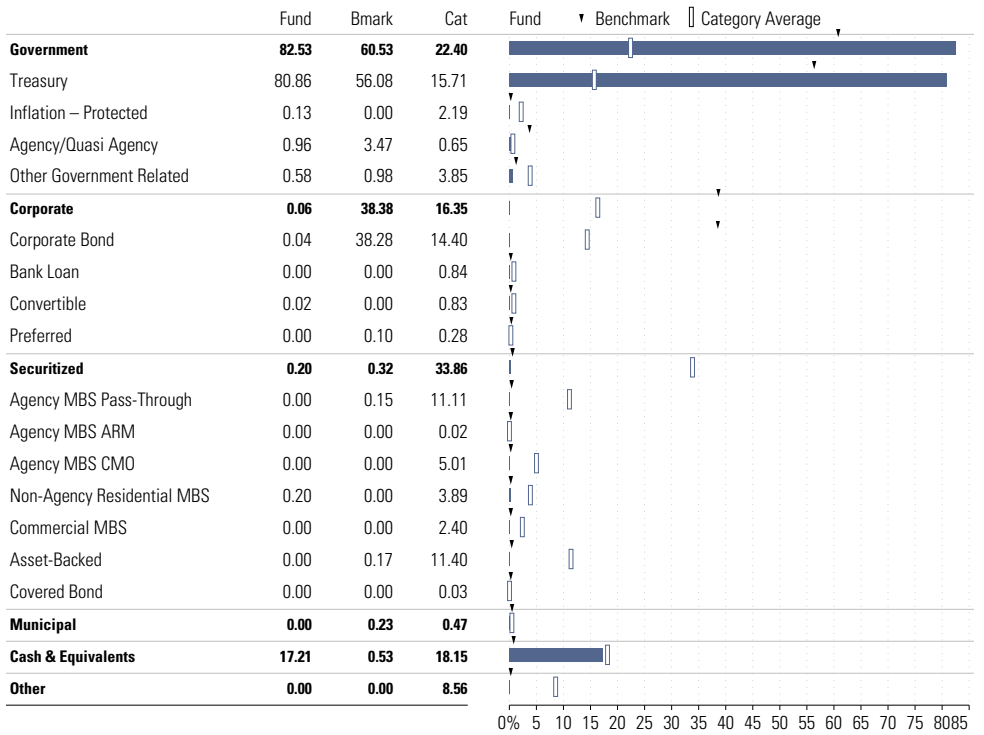


Asset Class	Net %	Cat%
US Stocks	-3.37	0.07
Non-US Stocks	0.00	0.15
Bonds	85.80	88.21
Cash	17.57	12.67
Other	0.00	-1.08
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	31.30	57.60	25.27
AA	5.38	6.60	8.23
A	23.10	17.44	16.97
BBB	25.38	18.36	16.53
BB	12.73	0.00	14.37
B	2.15	0.00	9.11
Below B	2.41	0.00	5.08
Not Rated	-2.44	0.00	4.43

Sector Weighting as of 12-31-2020



Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Mexico (United Mexican States) 8%	06-2020	9.31	9.31	–
United States Treasury Notes 1.75%	12-2024	9.00	18.31	–
⊖ Franklin IFT Money Market	–	7.47	25.78	–
United States Treasury Notes 1.5%	09-2021	6.45	32.23	–
Mexico (United Mexican States) 6.5%	06-2021	5.72	37.95	–
⊕ Otc Securitized Margin Cash -	02-2049	5.16	43.11	–
Brazil (Federative Republic) 10%	01-2021	3.39	46.49	–
Brazil (Federative Republic) 10%	01-2023	3.30	49.79	–
India (Republic of) 8.83%	11-2023	2.57	52.36	–
Secretaria Tesouro Nacional 0%	07-2020	2.13	54.49	–

Total Holdings 262

⊕ 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 4.68 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.24% 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.

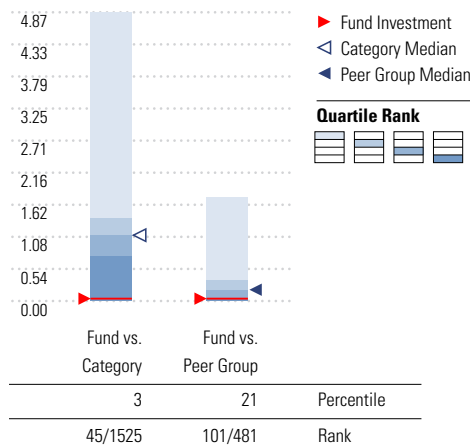
Growth of \$10,000



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	-0.03	-	-1.82
Beta	1.00	-	0.98
R-Squared	100.00	-	95.80
Standard Deviation	18.80	18.79	18.73
Sharpe Ratio	0.72	0.72	0.61
Tracking Error	0.01	-	3.64
Information Ratio	-3.67	-	-1.14
Up Capture Ratio	99.94	-	92.86
Down Capture Ratio	100.06	-	99.18

Portfolio Metrics

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

Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 12-31-2020

Morningstar Style Box™



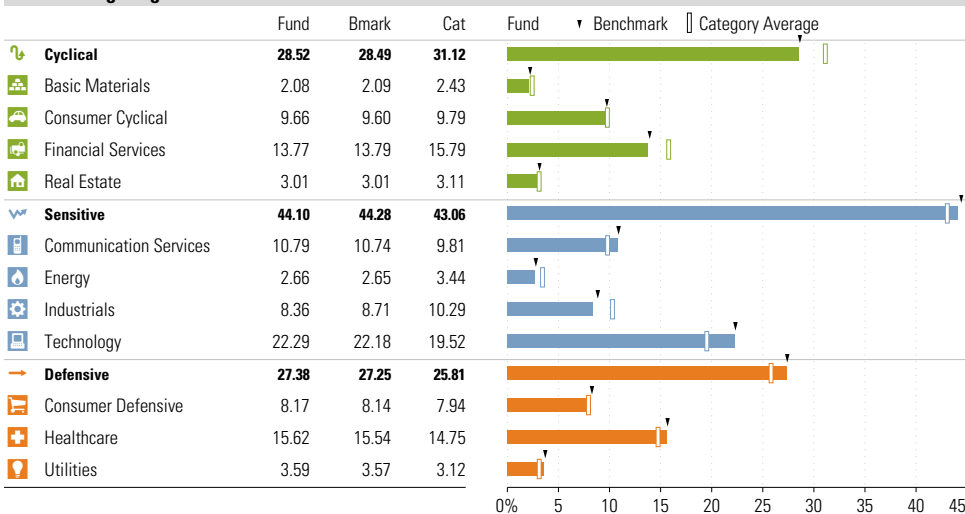
Style Breakdown



Asset Allocation as of 12-31-2020



Sector Weighting as of 12-31-2020



Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	5.58	5.58	42.37	Technology
⊕ Apple Inc	4.93	10.51	81.85	Technology
⊕ Amazon.com Inc	3.77	14.28	76.26	Consumer Cyclical
⊕ Facebook Inc A	1.86	16.14	33.09	Communication Svc
⊕ Berkshire Hathaway Inc B	1.62	17.76	2.37	Financial Services
⊕ Alphabet Inc Class C	1.62	19.37	31.03	Communication Svc
⊕ Alphabet Inc A	1.61	20.99	30.85	Communication Svc
⊕ Johnson & Johnson	1.60	22.59	10.62	Healthcare
⊕ Visa Inc Class A	1.28	23.87	17.06	Financial Services
⊕ Procter & Gamble Co	1.27	25.14	13.90	Consumer Defensive
⊖ JPMorgan Chase & Co	1.24	26.38	-6.26	Financial Services
⊕ UnitedHealth Group Inc	1.10	27.48	20.93	Healthcare
⊕ Intel Corp	1.09	28.57	-14.55	Technology
⊕ Verizon Communications Inc	1.03	29.60	-0.29	Communication Svc
⊕ Mastercard Inc A	1.00	30.60	20.08	Financial Services

Total Holdings 514

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Portfolio Manager(s)

Gemma Wright-Casparius since 08-2011

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 9.38 years.

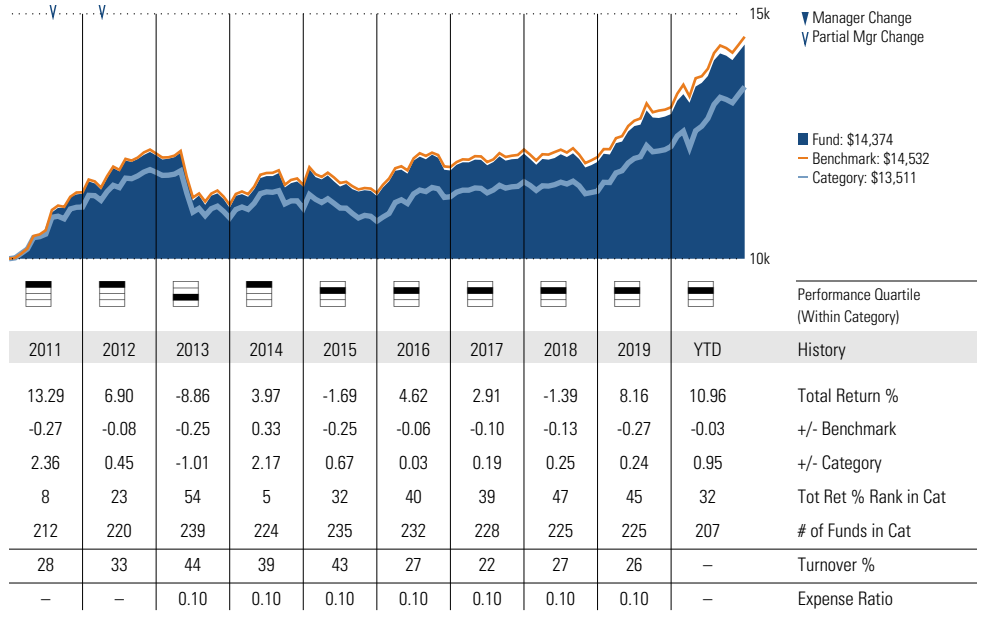
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.07% lower than the Inflation-Protected Bond category average.

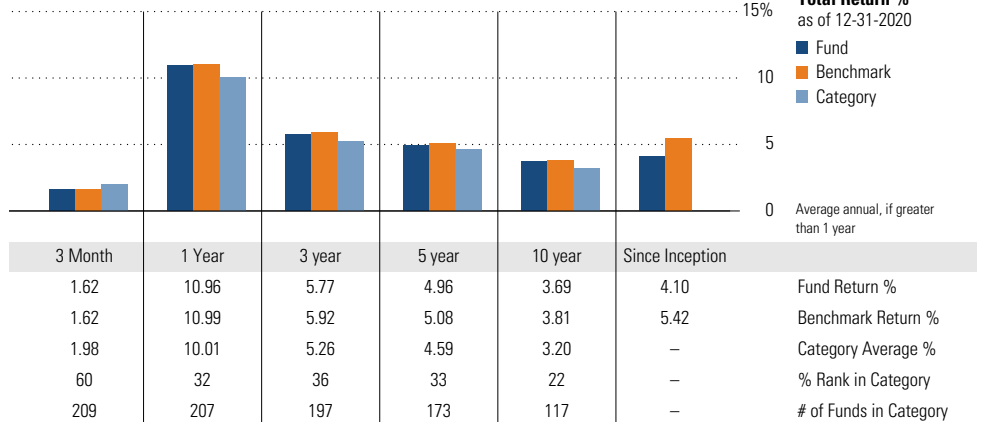
Morningstar Investment Management LLC Analysis

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

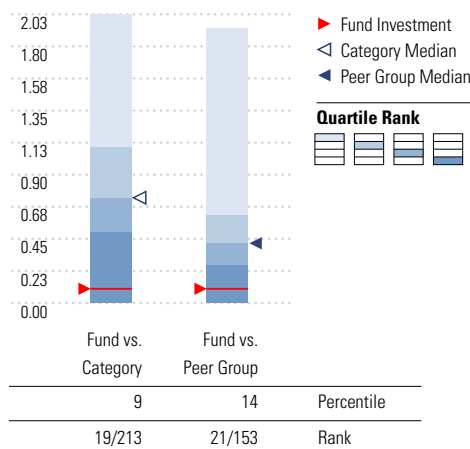
Growth of \$10,000



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	-	-0.39
Beta	0.94	-	0.92
R-Squared	98.30	-	78.57
Standard Deviation	3.67	3.87	4.23
Sharpe Ratio	1.13	1.11	0.88
Tracking Error	0.53	-	2.14
Information Ratio	-0.27	-	-0.56
Up Capture Ratio	96.01	-	88.69
Down Capture Ratio	93.03	-	95.83

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.26	4.52	6.80
Avg Eff Maturity	8.10	-	7.67

Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
BBgBarc US Treasury US TIPS TR USD

Style Analysis as of 12-31-2020

Style Breakdown



Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	0.00	-0.02
Non-US Stocks	0.00	0.01
Bonds	99.97	96.97
Cash	0.03	2.11
Other	0.00	0.93
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	100.00	0.00	93.81
AA	0.00	99.60	0.30
A	0.00	0.00	1.87
BBB	0.00	0.00	2.12
BB	0.00	0.00	0.37
B	0.00	0.00	0.08
Below B	0.00	0.00	0.02
Not Rated	0.00	0.40	1.43

Sector Weighting as of 12-31-2020



Top 10 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 0.12%	10-2024	6.14	6.14	–
United States Treasury Notes 0.62%	04-2023	3.57	9.71	–
⊖ United States Treasury Notes 0.38%	07-2025	3.50	13.21	–
United States Treasury Notes 0.25%	01-2025	3.49	16.70	–
United States Treasury Notes 0.62%	01-2024	3.48	20.18	–
United States Treasury Notes 0.38%	07-2023	3.48	23.66	–
United States Treasury Notes 0.12%	01-2023	3.42	27.08	–
United States Treasury Notes 0.12%	07-2024	3.40	30.47	–
⊕ United States Treasury Notes 0.12%	01-2030	3.29	33.77	–
⊕ United States Treasury Notes 0.62%	01-2026	3.21	36.97	–

Total Holdings 43

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard International Growth Adm VWILX

Morningstar Category
Foreign Large Growth

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

James Anderson since 02-2003
Simon Webber since 12-2009
Thomas Coutts since 12-2016
James Gautrey since 12-2020
Lawrence Burns since 12-2020

Quantitative Screens

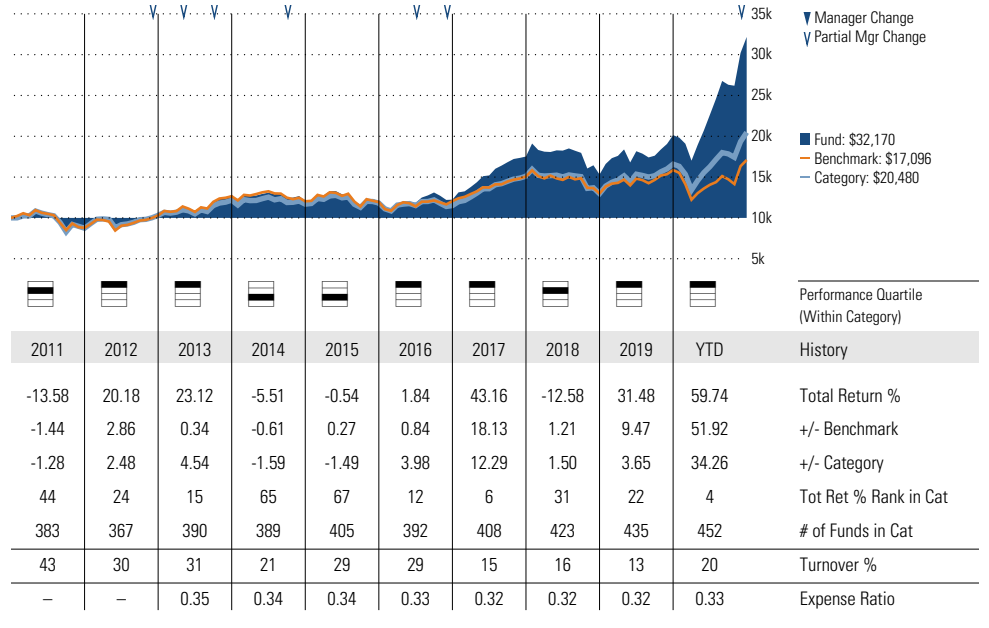
✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 17.91 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 0.33 is 69.72% lower than the Foreign Large Growth category average.

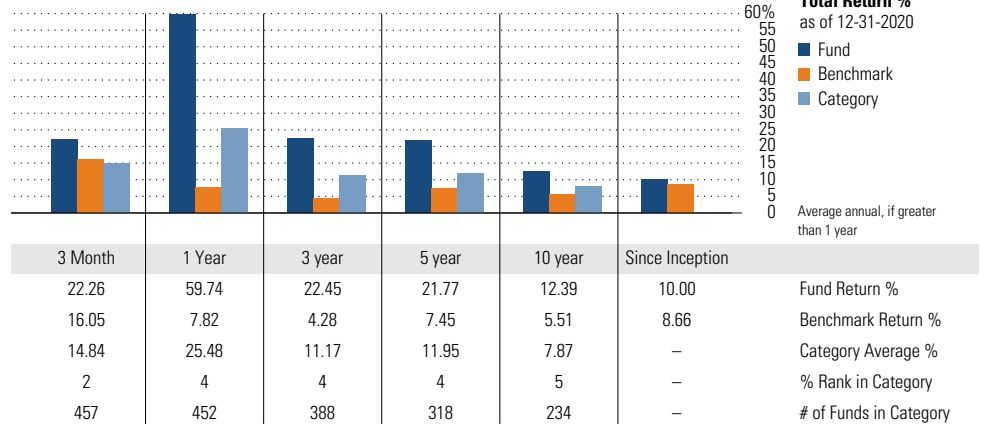
Growth of \$10,000



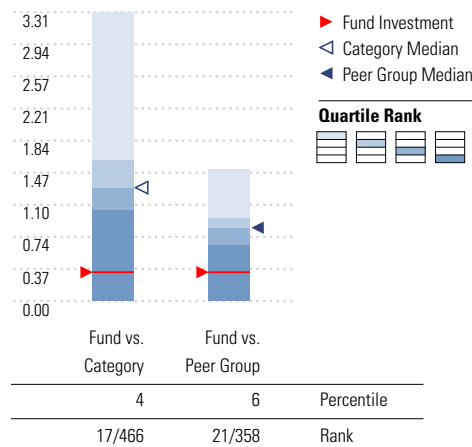
Morningstar Investment Management LLC Analysis

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	16.35	-	6.75
Beta	1.09	-	0.91
R-Squared	83.88	-	-
Standard Deviation	21.50	18.14	17.86
Sharpe Ratio	0.98	0.24	0.57
Tracking Error	8.77	-	6.93
Information Ratio	2.07	-	0.95
Up Capture Ratio	146.50	-	107.08
Down Capture Ratio	81.81	-	80.53

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.33	16.19	17.86
Price/Book Ratio	2.02	1.58	2.37
Geom Avg Mkt Cap \$B	31.23	35.93	31.37
ROE	17.93	15.50	19.30

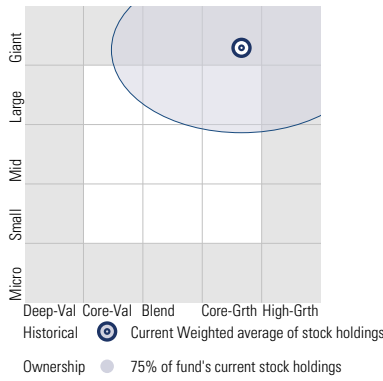
Vanguard International Growth Adm VWILX

Morningstar Category
Foreign Large Growth

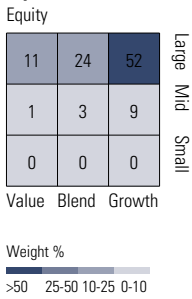
Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 12-31-2020

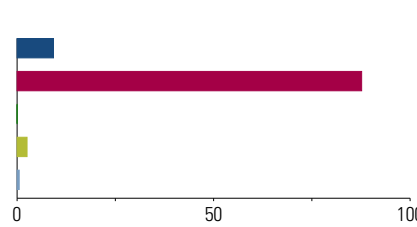
Morningstar Style Box™



Style Breakdown

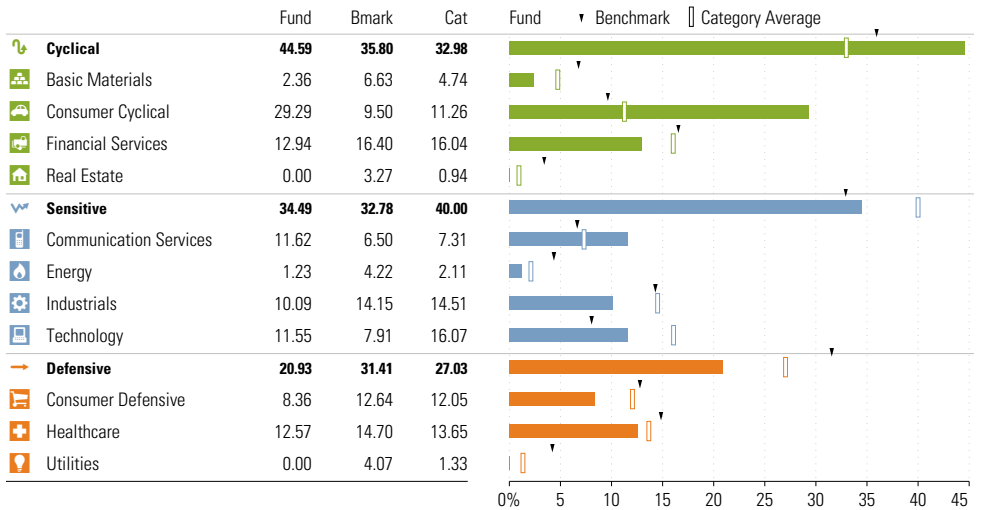


Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	9.26	7.26
Non-US Stocks	87.67	89.93
Bonds	0.01	0.02
Cash	2.53	2.57
Other	0.53	0.21
Total	100.00	100.00

Sector Weighting as of 12-31-2020



World Regions % Equity 12-31-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	38.62	32.33	Americas	13.68	12.99	Greater Europe	47.71	54.68	Developed Markets	75.72
Japan	10.74	13.97	North America	10.43	11.17	United Kingdom	7.03	11.67	Emerging Markets	24.28
Australasia	0.00	1.99	Central/Latin	3.25	1.82	W euro-ex UK	40.21	41.89	Not Available	0.00
Asia-4 Tigers	7.04	6.56				Emrgng Europe	0.19	0.40		
Asia-ex 4 Tigers	20.84	9.81				Africa	0.28	0.72		
Not Classified	0.00	0.00								

Top 10 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alibaba Group Holding Ltd ADR	5.86	5.86	9.73	Consumer Cyclical
ASML Holding NV	5.28	11.14	51.73	Technology
Tencent Holdings Ltd	5.20	16.34	51.01	Communication Svc
AIA Group Ltd	3.06	19.40	18.26	Financial Services
Amazon.com Inc	2.86	22.26	76.26	Consumer Cyclical
MercadoLibre Inc	2.54	24.80	192.90	Consumer Cyclical
Vanguard Market Liquidity Inv	2.50	27.30	-	-
Kering SA	2.33	29.63	2.94	Consumer Cyclical
Illumina Inc	2.20	31.83	11.53	Healthcare
TAL Education Group ADR	2.16	33.99	48.36	Consumer Defensive

Total Holdings 129

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Portfolio Manager(s)

Michael Bennett since 05-2010
 Michael Fry since 05-2010
 Bryan Cheng since 08-2012
 Steven Morrow since 08-2012
 Arjun Kumar since 10-2020
 Shirley Woo since 10-2020

Quantitative Screens

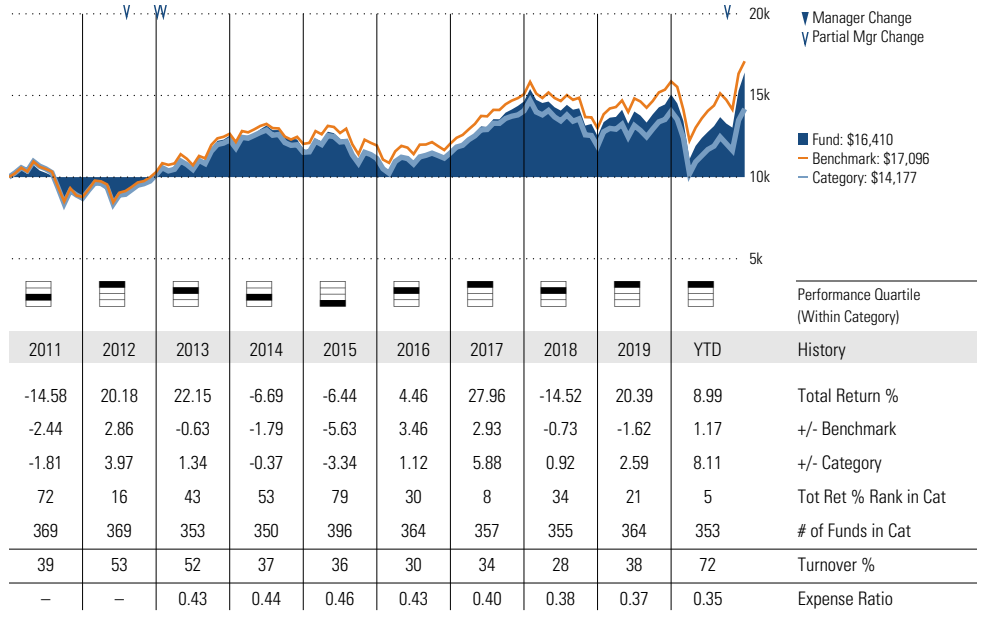
✔ **Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.6 years.

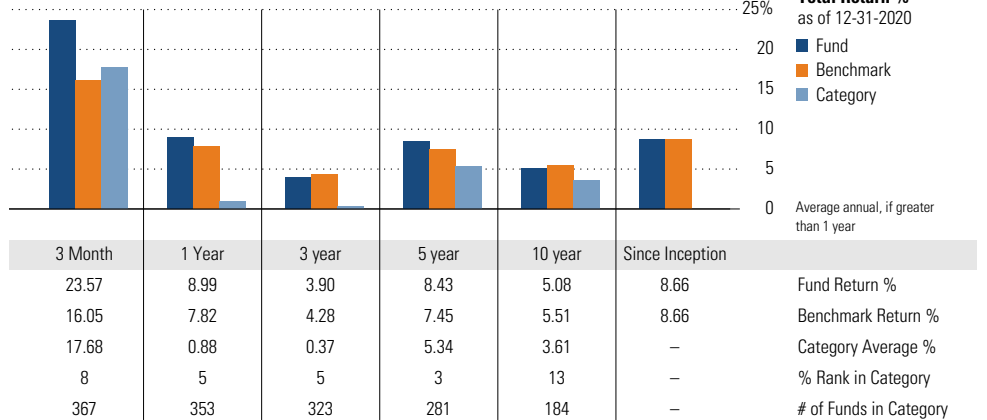
✗ **Style:** The fund has landed in its primary style box — Large Value — 54.55 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 64.49% lower than the Foreign Large Value category average.

Growth of \$10,000



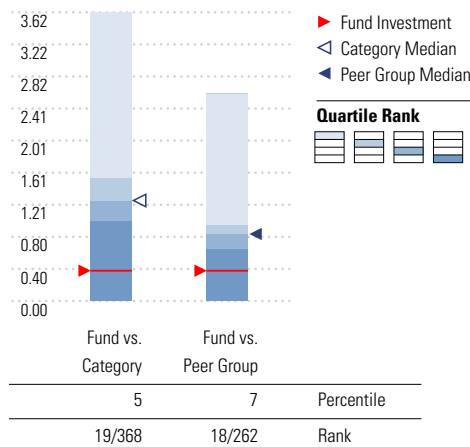
Trailing Performance



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.

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	-0.50	-	-4.02
Beta	1.09	-	1.08
R-Squared	96.48	-	94.07
Standard Deviation	20.05	18.14	20.20
Sharpe Ratio	0.21	0.24	0.04
Tracking Error	4.07	-	5.39
Information Ratio	-0.09	-	-0.82
Up Capture Ratio	103.97	-	98.67
Down Capture Ratio	106.16	-	115.94

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.58	16.19	14.35
Price/Book Ratio	1.35	1.58	1.42
Geom Avg Mkt Cap \$B	33.22	35.93	39.24
ROE	15.10	15.50	14.08

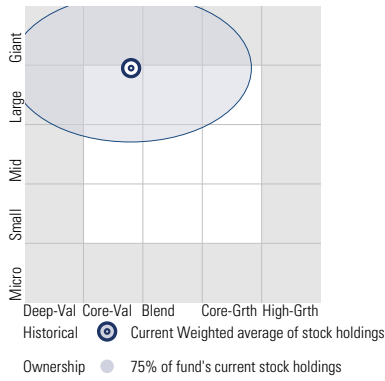
Vanguard International Value Inv VTRIX

Morningstar Category
Foreign Large Value

Morningstar Index
MSCI EAFE NR USD

Style Analysis as of 12-31-2020

Morningstar Style Box™



Style Breakdown

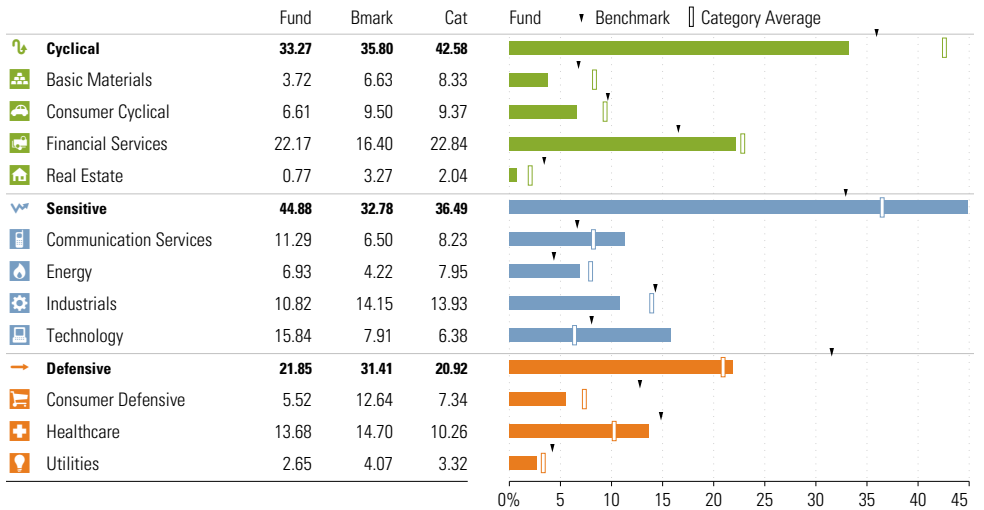


Asset Allocation as of 12-31-2020



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 12-31-2020



World Regions % Equity 12-31-2020



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 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Market Liquidity Inv	4.52	4.52	-	-
⊕ Sanofi SA	2.46	6.98	-8.67	Healthcare
⊖ Novartis AG	2.27	9.26	-5.77	Healthcare
⊖ Samsung Electronics Co Ltd	2.14	11.40	-	Technology
⊖ Royal Dutch Shell PLC Class A	1.86	13.26	-38.64	Energy
⊕ Tesco PLC	1.69	14.95	-5.53	Consumer Defensive
⊕ Hitachi Ltd	1.55	16.50	-9.97	Industrials
⊕ Fresenius Medical Care AG & Co. KGaA	1.47	17.97	5.22	Healthcare
⊖ Vodafone Group PLC	1.41	19.38	-12.07	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 9 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 14.38 years.

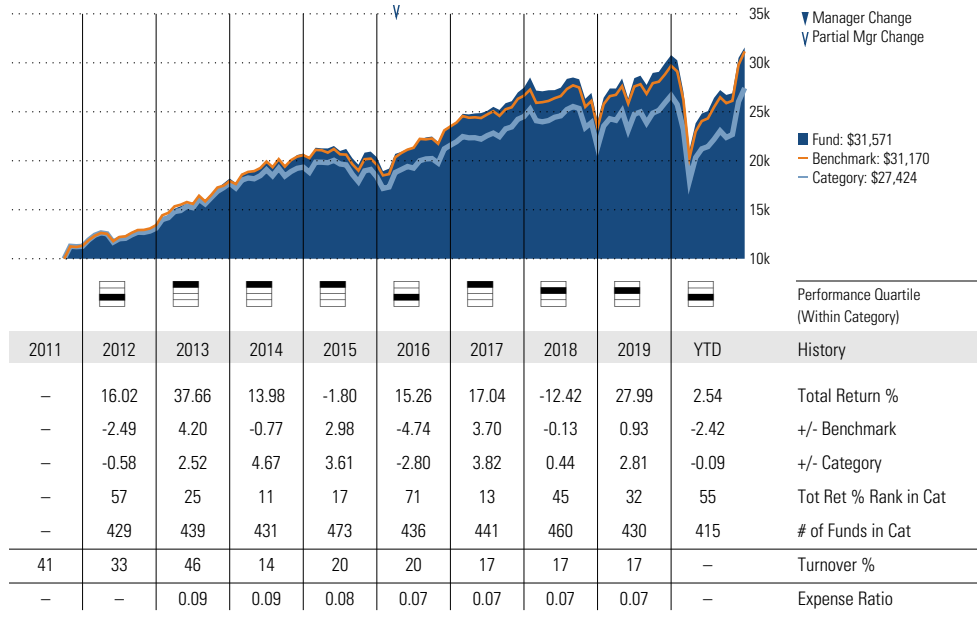
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

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

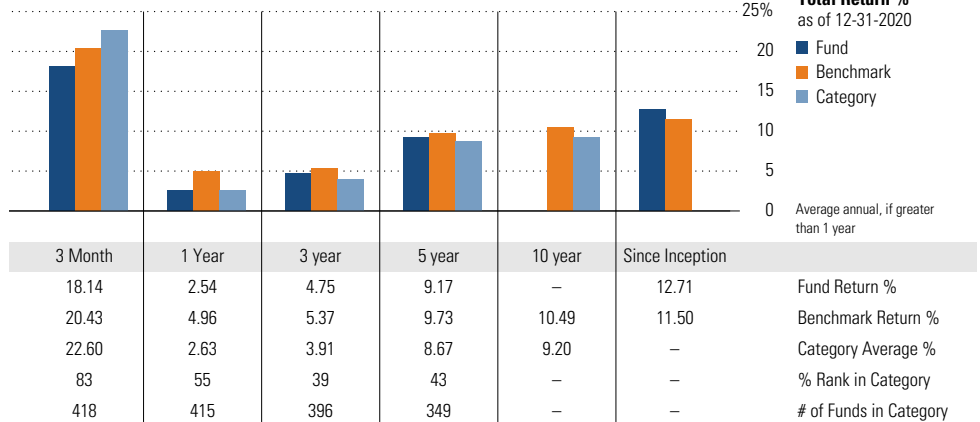
Morningstar Investment Management LLC Analysis

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.

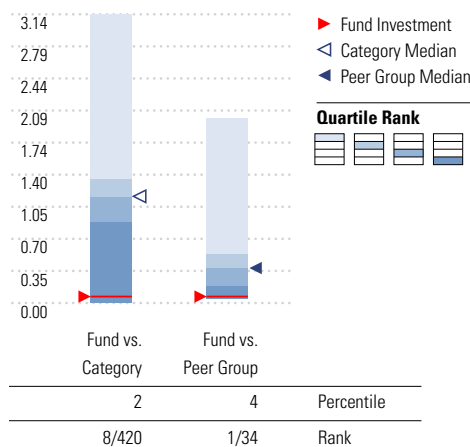
Growth of \$10,000



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	-0.53	-	-1.47
Beta	0.98	-	1.03
R-Squared	99.20	-	96.69
Standard Deviation	22.68	22.94	23.97
Sharpe Ratio	0.25	0.28	0.22
Tracking Error	2.06	-	4.83
Information Ratio	-0.30	-	-0.31
Up Capture Ratio	97.19	-	100.97
Down Capture Ratio	99.03	-	106.89

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.51	18.90	17.75
Price/Book Ratio	2.00	1.81	1.74
Geom Avg Mkt Cap \$B	9.97	9.71	8.73
ROE	15.32	11.29	11.96

Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

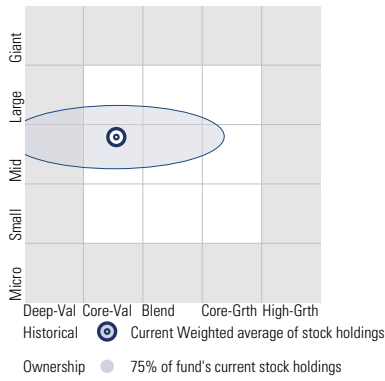
Mid-Cap Value

Morningstar Index

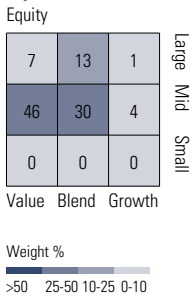
Russell Mid Cap Value TR USD

Style Analysis as of 12-31-2020

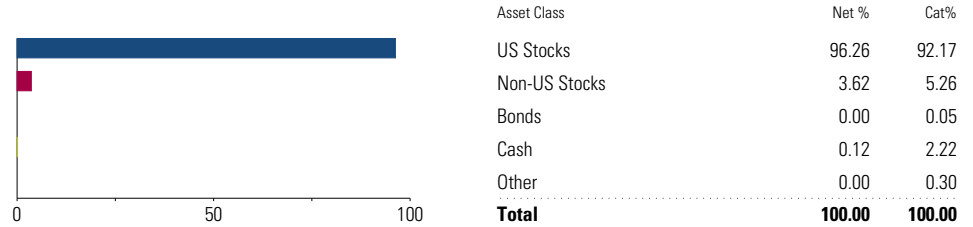
Morningstar Style Box™



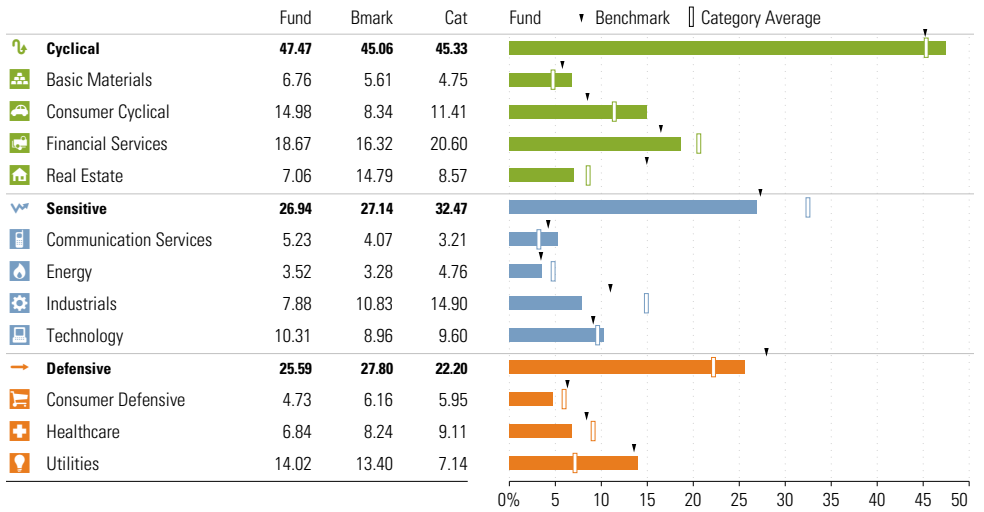
Style Breakdown



Asset Allocation as of 12-31-2020



Sector Weighting as of 12-31-2020



Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Newmont Corp	1.87	1.87	40.23	Basic Materials
⊖ WEC Energy Group Inc	1.49	3.36	2.53	Utilities
⊖ Motorola Solutions Inc	1.45	4.81	7.17	Technology
⊖ Eversource Energy	1.43	6.25	3.03	Utilities
⊖ Willis Towers Watson PLC	1.25	7.49	5.69	Financial Services
⊖ FirstEnergy Corp	1.23	8.72	-33.81	Utilities
⊖ Entergy Corp	1.19	9.92	-13.54	Utilities
⊖ American Water Works Co Inc	1.14	11.06	26.67	Utilities
⊖ DTE Energy Co	1.09	12.15	-3.34	Utilities
⊖ Clorox Co	1.02	13.18	34.34	Consumer Defensive
⊖ Ameren Corp	0.99	14.17	4.24	Utilities
⊖ D.R. Horton Inc	0.95	15.13	32.03	Consumer Cyclical
⊖ Liberty Broadband Corp C	0.93	16.06	25.94	Communication Svc
⊖ The Hartford Financial Services Group Inc	0.92	16.98	-17.26	Financial Services
⊖ Keysight Technologies Inc	0.91	17.89	28.71	Technology

Total Holdings 201

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.65 years.

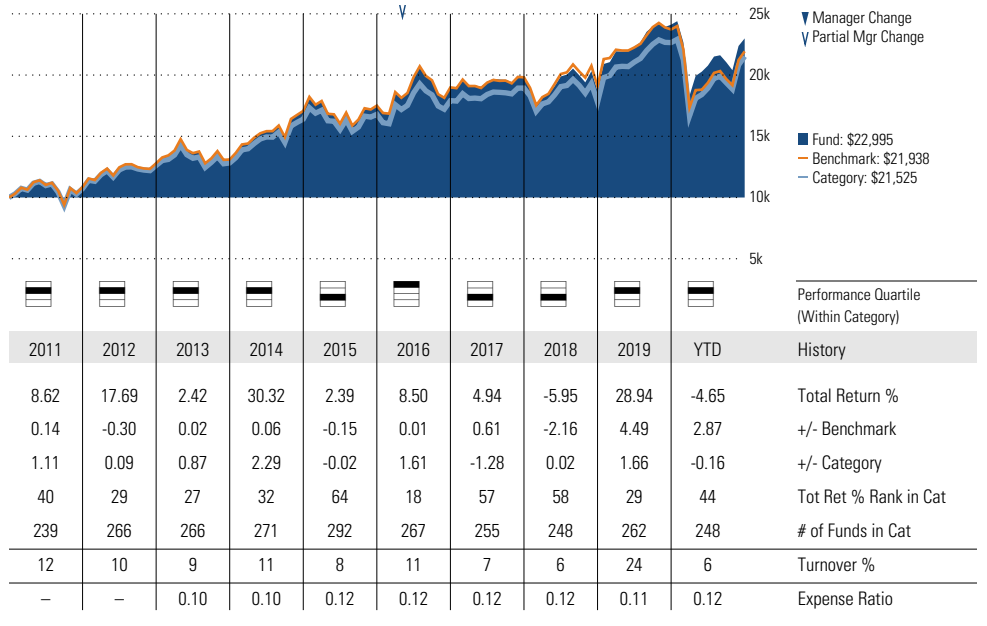
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.19% lower than the Real Estate category average.

Morningstar Investment Management LLC Analysis

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

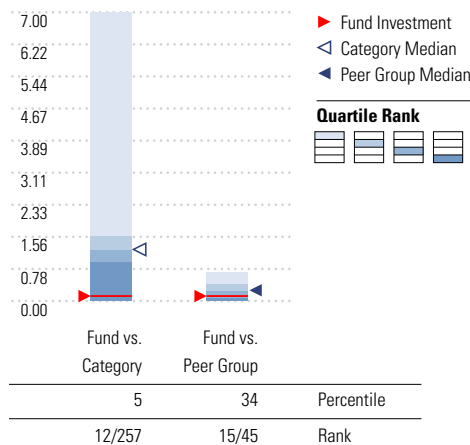
Growth of \$10,000



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	-	1.42
Beta	0.94	-	0.92
R-Squared	98.71	-	94.35
Standard Deviation	18.90	20.07	19.05
Sharpe Ratio	0.27	0.20	0.27
Tracking Error	2.50	-	4.94
Information Ratio	0.60	-	0.21
Up Capture Ratio	98.24	-	95.90
Down Capture Ratio	91.74	-	90.56

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	40.39	38.46	36.08
Price/Book Ratio	2.39	2.42	2.60
Geom Avg Mkt Cap \$B	9.32	9.35	11.72
ROE	8.61	9.56	11.65

Vanguard Real Estate Index Admiral VGSLX

Morningstar Category
Real Estate

Morningstar Index
S&P United States REIT TR USD

Style Analysis as of 12-31-2020

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 12-31-2020



Sector Weighting as of 12-31-2020



Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	10.87	10.87	-	-
⊕ American Tower Corp	7.40	18.28	-0.36	Real Estate
⊕ Prologis Inc	4.58	22.86	14.40	Real Estate
⊕ Crown Castle International Corp	4.39	27.25	15.46	Real Estate
⊕ Equinix Inc	3.60	30.85	24.18	Real Estate
⊕ Simon Property Group Inc	2.78	33.63	-38.72	Real Estate
⊕ Public Storage	2.42	36.06	12.19	Real Estate
⊕ Welltower Inc	2.24	38.30	-17.68	Real Estate
⊕ SBA Communications Corp	2.20	40.50	17.84	Real Estate
⊕ AvalonBay Communities Inc	2.06	42.56	-20.46	Real Estate
⊕ Equity Residential	2.06	44.62	-23.76	Real Estate
⊕ Digital Realty Trust Inc	1.81	46.42	20.25	Real Estate
⊕ Realty Income Corp	1.74	48.16	-11.76	Real Estate
⊕ Ventas Inc	1.48	49.64	-11.36	Real Estate
⊕ Boston Properties Inc	1.47	51.11	-28.59	Real Estate

Total Holdings 186

⊕ 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 9 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.68 years.

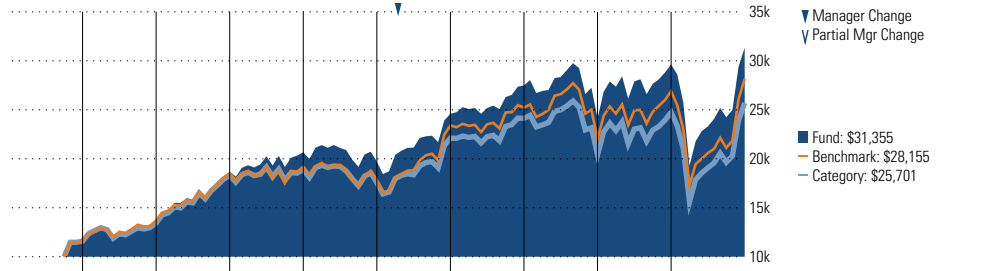
✘ **Style:** The fund has landed in its primary style box — Small Value — 48.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.07% lower than the Small Value category average.

Morningstar Investment Management LLC Analysis

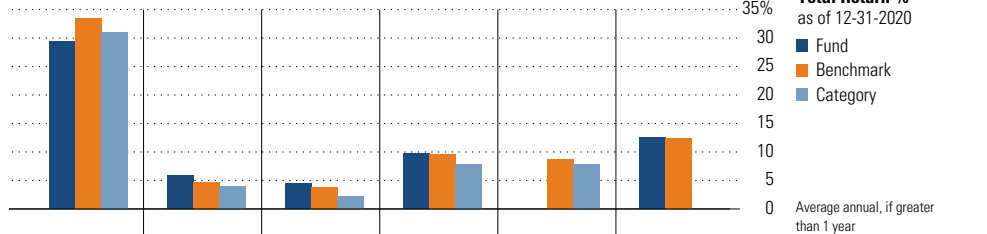
This fund fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

Growth of \$10,000



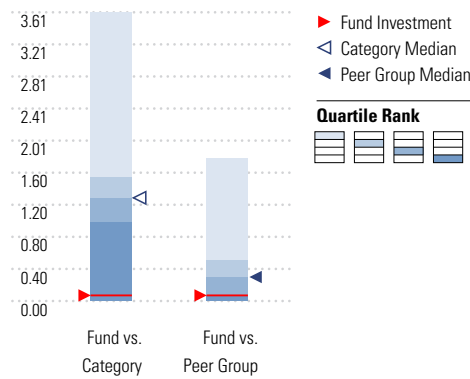
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
-	18.77	36.58	10.55	-4.65	24.78	11.80	-12.23	22.76	5.85		Total Return %
-	0.72	2.06	6.33	2.82	-6.96	3.96	0.63	0.37	1.22		+/- Benchmark
-	2.77	0.36	7.21	2.06	-1.21	3.26	3.23	1.33	1.83		+/- Category
-	26	44	2	36	61	20	16	35	32		Tot Ret % Rank in Cat
-	434	447	428	466	439	445	448	441	416		# of Funds in Cat
30	25	47	12	16	18	19	18	19	-		Turnover %
-	-	0.09	0.09	0.08	0.07	0.07	0.07	0.07	-		Expense Ratio

Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
	29.33	5.85	4.48	9.73	-	12.57	Fund Return %
	33.36	4.63	3.72	9.65	8.66	12.45	Benchmark Return %
	30.94	4.02	2.20	7.88	7.82	-	Category Average %
	64	32	20	20	-	-	% Rank in Category
	422	416	386	358	-	-	# 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	0.81	-	-1.30
Beta	0.97	-	1.02
R-Squared	98.72	-	96.66
Standard Deviation	25.82	26.49	27.39
Sharpe Ratio	0.24	0.22	0.17
Tracking Error	3.03	-	5.37
Information Ratio	0.25	-	-0.32
Up Capture Ratio	97.23	-	99.42
Down Capture Ratio	94.92	-	103.78

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.50	18.52	18.01
Price/Book Ratio	1.80	1.45	1.65
Geom Avg Mkt Cap \$B	2.79	1.34	2.55
ROE	11.48	6.22	9.71

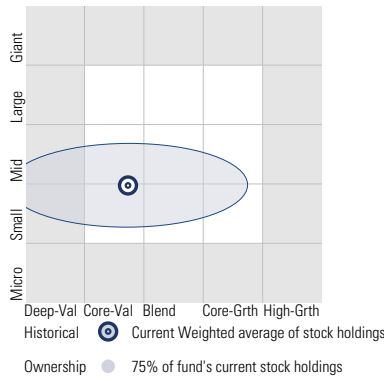
Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

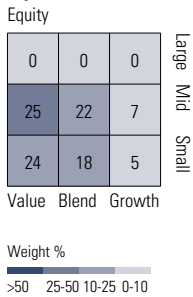
Morningstar Index
Russell 2000 Value TR USD

Style Analysis as of 12-31-2020

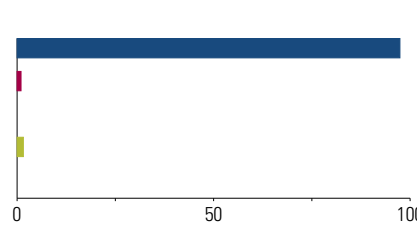
Morningstar Style Box™



Style Breakdown

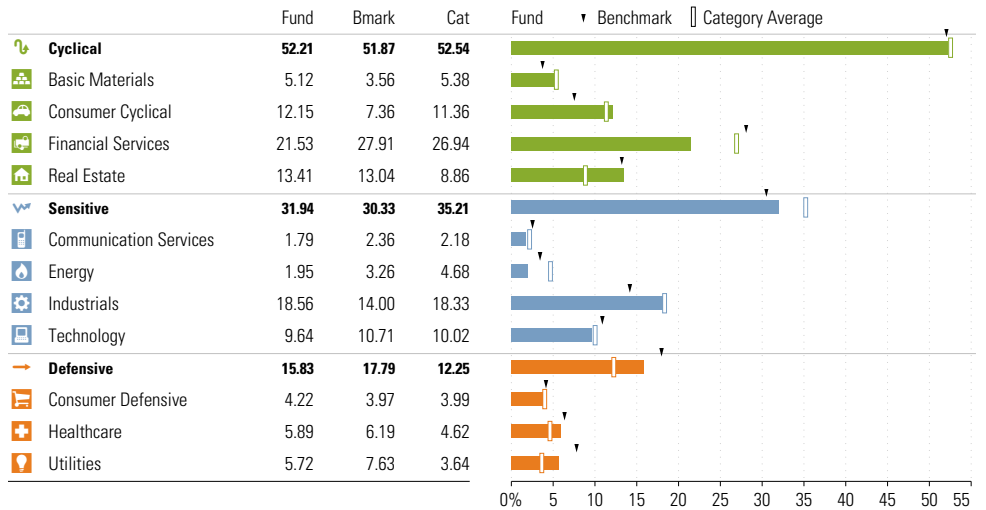


Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	97.41	95.85
Non-US Stocks	1.00	2.16
Bonds	0.00	0.01
Cash	1.59	1.90
Other	0.00	0.08
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Top 15 Holdings as of 12-31-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Cmt Market Liquidity Rate	1.58	1.58	-	-
⊕ Leidos Holdings Inc	0.79	2.37	8.78	Technology
⊕ Atmos Energy Corp	0.67	3.03	-12.59	Utilities
⊕ IDEX Corp	0.61	3.64	16.98	Industrials
⊕ Medical Properties Trust Inc	0.59	4.23	8.34	Real Estate
⊕ Allegion PLC	0.58	4.81	-5.52	Industrials
⊕ Brown & Brown Inc	0.56	5.37	20.97	Financial Services
⊕ Booz Allen Hamilton Holding Corp Class A	0.54	5.91	24.31	Industrials
⊕ VICI Properties Inc Ordinary Shares	0.54	6.45	4.72	Real Estate
⊕ PerkinElmer Inc	0.52	6.97	48.07	Healthcare
⊕ Essential Utilities Inc	0.50	7.47	2.81	Utilities
⊕ Gaming and Leisure Properties Inc	0.49	7.97	4.30	Real Estate
⊕ National Retail Properties Inc	0.47	8.44	-19.82	Real Estate
⊕ Cypress Semiconductor Corp	0.46	8.90	-	Technology
⊕ RPM International Inc	0.45	9.35	20.17	Basic Materials

Total Holdings 856

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2015 Inv VTXVX

Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

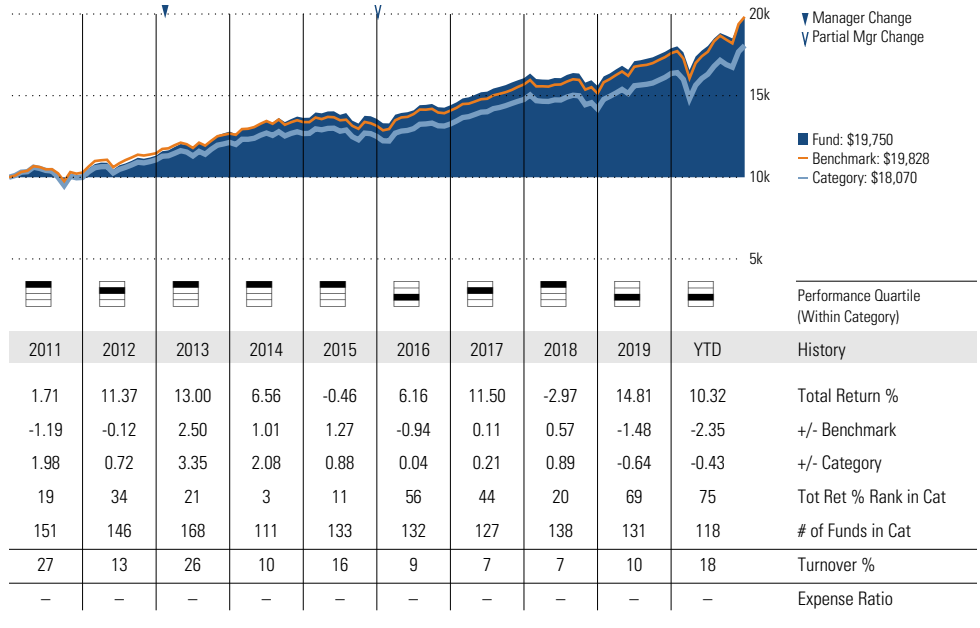
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 79.37% lower than the Target-Date 2015 category average.

Morningstar Investment Management LLC Analysis

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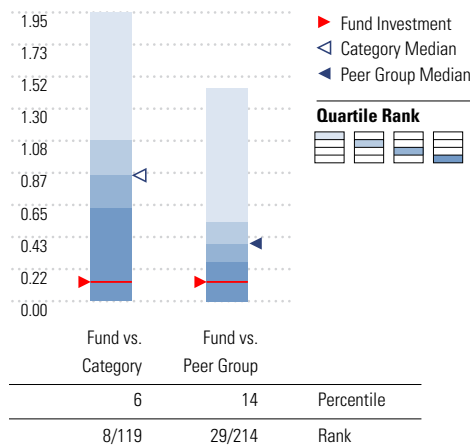
Growth of \$10,000



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	0.27	-	-0.99
Beta	0.84	-	0.99
R-Squared	98.97	-	97.35
Standard Deviation	7.44	8.82	8.84
Sharpe Ratio	0.76	0.76	0.63
Tracking Error	1.61	-	1.60
Information Ratio	-0.62	-	-0.71
Up Capture Ratio	86.34	-	94.31
Down Capture Ratio	84.99	-	102.65

Portfolio Metrics

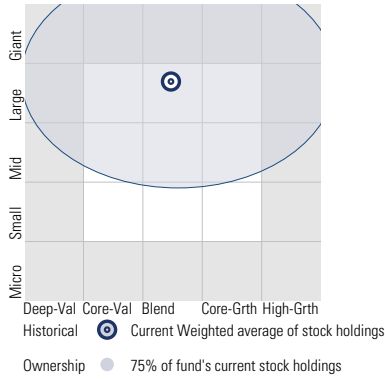
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.82	18.03
Price/Book Ratio	2.19	2.17	2.27
Avg Eff Duration	5.89	8.22	5.17

Vanguard Target Retirement 2015 Inv VTXVX

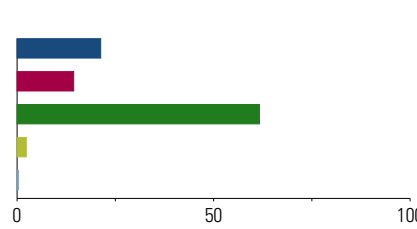
Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™

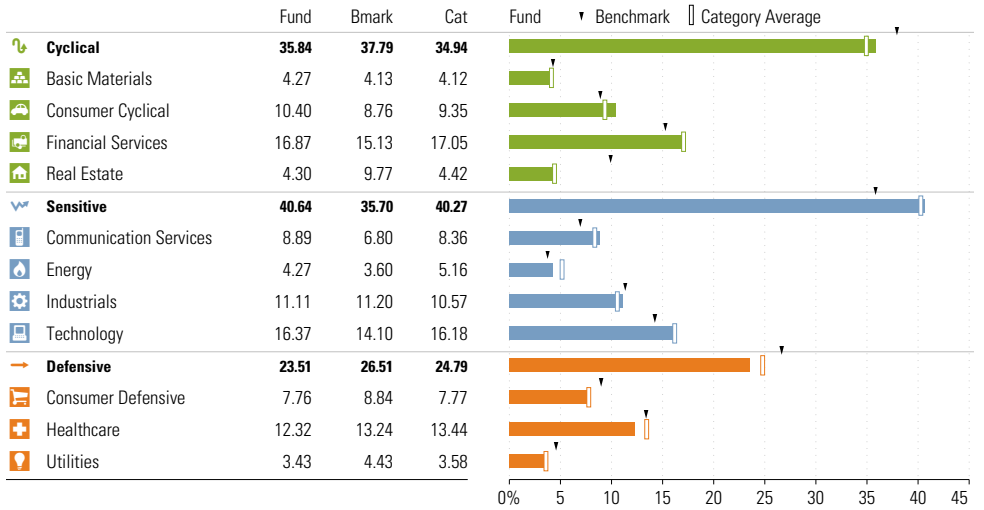


Asset Allocation as of 12-31-2020

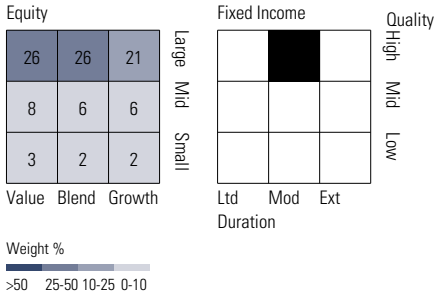


Asset Class	Net %	Cat%
US Stocks	21.27	25.55
Non-US Stocks	14.40	14.57
Bonds	61.69	50.74
Cash	2.33	5.64
Other	0.30	3.49
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Style Breakdown



Top 6 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	35.06	35.06	—	—
⊕ Vanguard Total Stock Mkt Idx Inv	—	21.65	56.71	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	14.98	71.69	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	14.54	86.23	—	—
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	—	13.67	99.89	—	—
⊕ Cmt Market Liquidity Rate	—	0.11	100.00	—	—

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2020 Inv VTWNX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

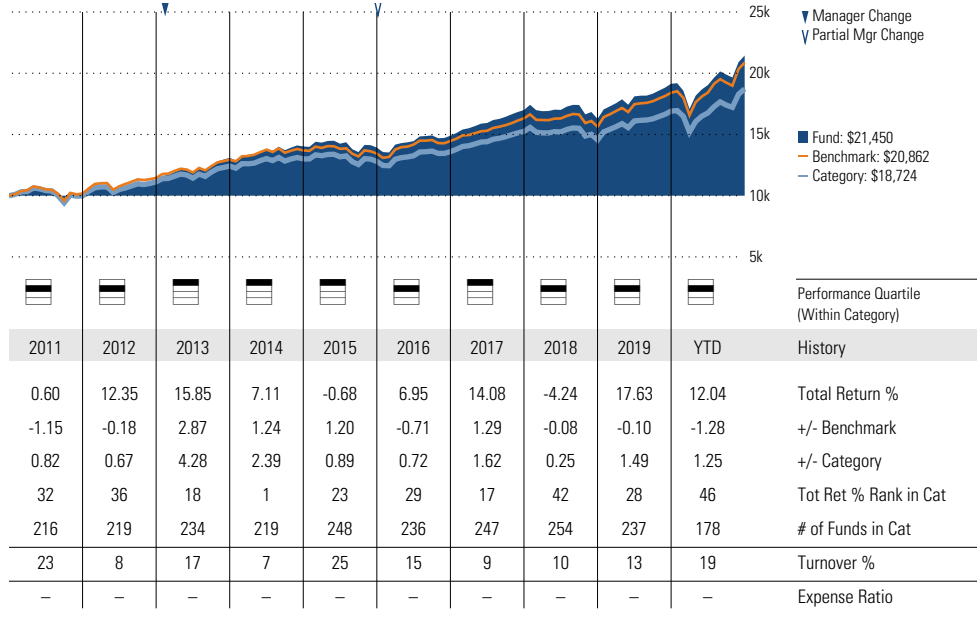
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 80.88% lower than the Target-Date 2020 category average.

Morningstar Investment Management LLC Analysis

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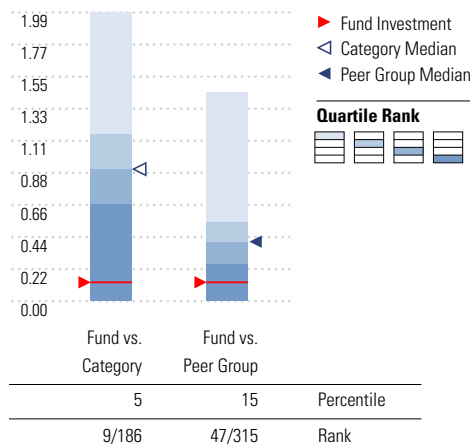
Growth of \$10,000



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	-0.40	-	-0.89
Beta	1.00	-	0.93
R-Squared	98.74	-	96.20
Standard Deviation	9.85	9.82	9.28
Sharpe Ratio	0.68	0.73	0.61
Tracking Error	1.11	-	2.11
Information Ratio	-0.42	-	-0.73
Up Capture Ratio	99.90	-	89.97
Down Capture Ratio	104.69	-	97.43

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.75	17.87
Price/Book Ratio	2.19	2.15	2.22
Avg Eff Duration	6.15	9.28	5.23

Vanguard Target Retirement 2020 Inv VTWNX

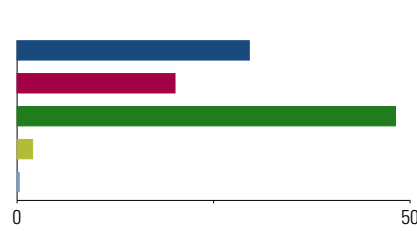
Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™

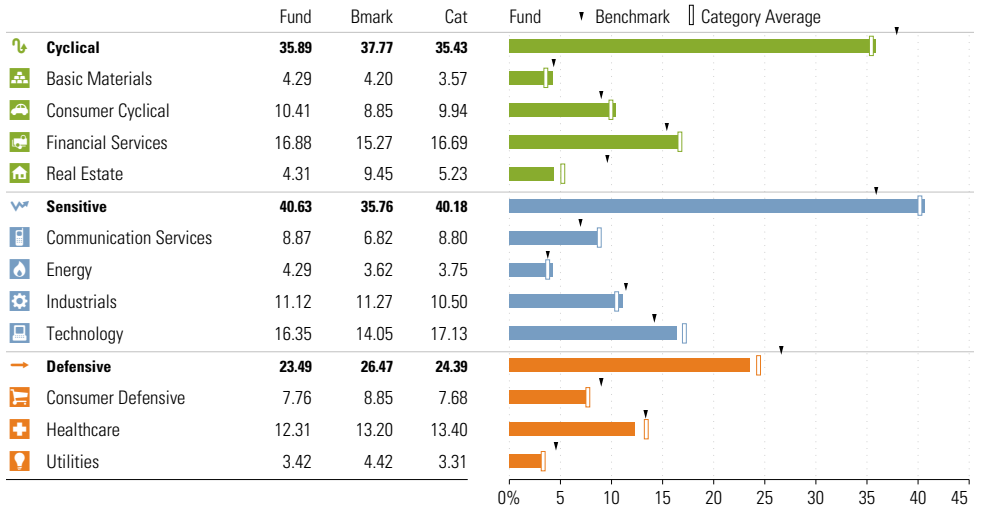


Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	29.54	28.56
Non-US Stocks	20.09	13.10
Bonds	48.14	47.35
Cash	1.97	4.39
Other	0.27	6.60
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Style Breakdown



Top 6 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	30.06	30.06	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	29.55	59.60	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	20.29	79.89	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	12.52	92.41	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	7.47	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2025 Inv VTTVX

Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

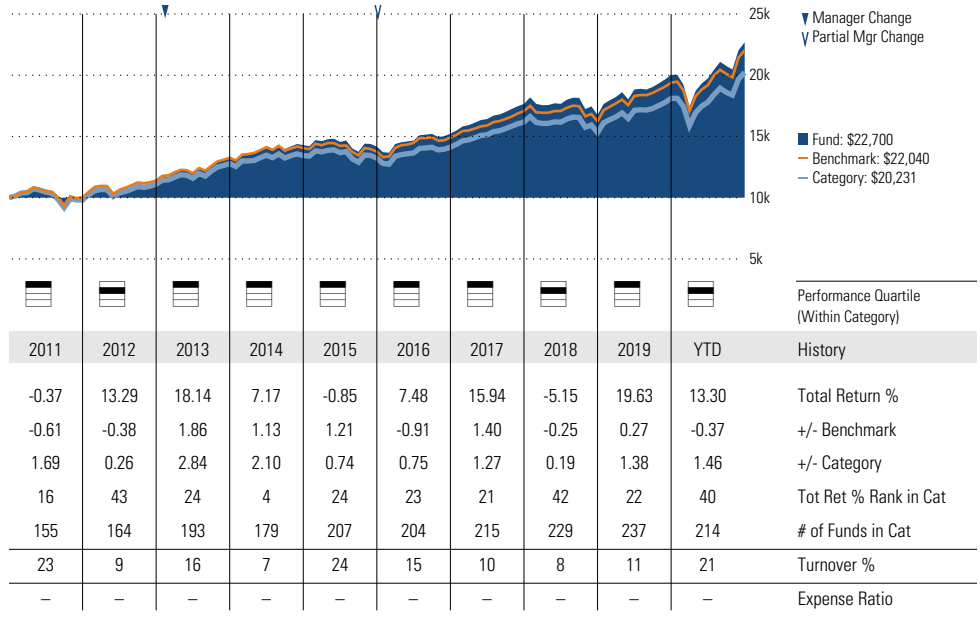
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 81.43% lower than the Target-Date 2025 category average.

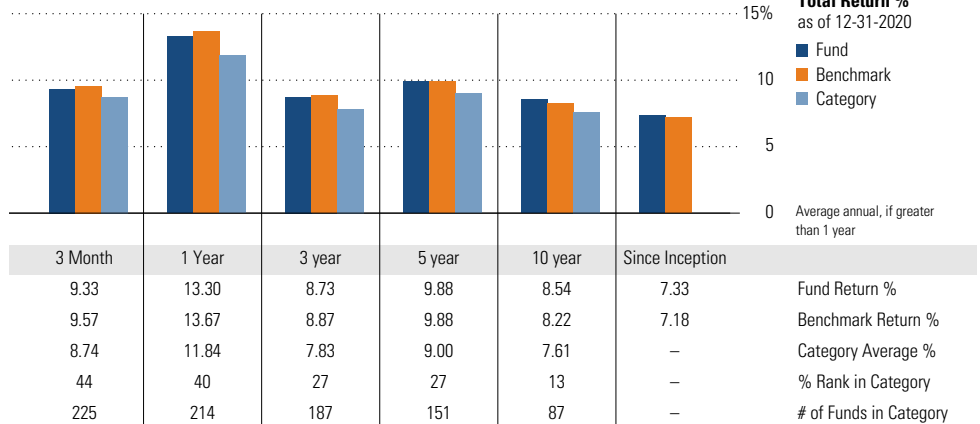
Morningstar Investment Management LLC Analysis

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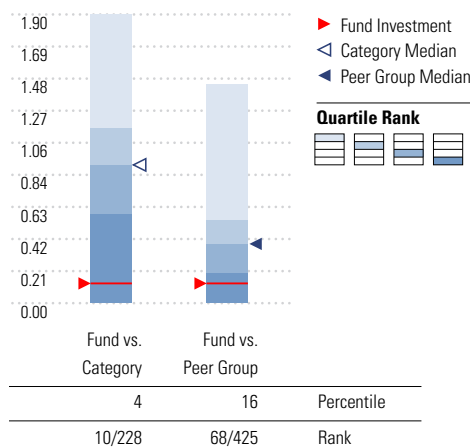
Growth of \$10,000



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	-0.41	-	-0.84
Beta	1.04	-	0.97
R-Squared	99.04	-	97.85
Standard Deviation	11.60	11.13	10.91
Sharpe Ratio	0.65	0.68	0.59
Tracking Error	1.21	-	1.93
Information Ratio	-0.11	-	-0.58
Up Capture Ratio	104.35	-	95.29
Down Capture Ratio	108.93	-	102.11

Portfolio Metrics

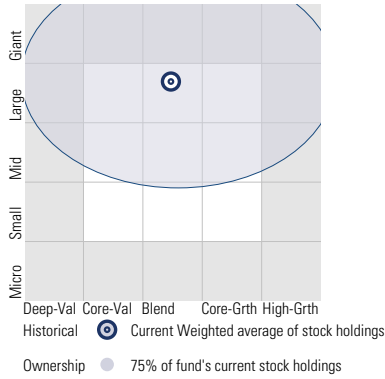
	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.67	17.99
Price/Book Ratio	2.19	2.12	2.26
Avg Eff Duration	6.77	10.12	5.54

Vanguard Target Retirement 2025 Inv VTTVX

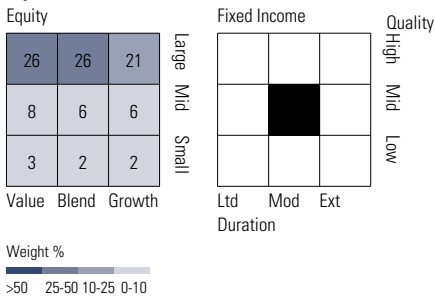
Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

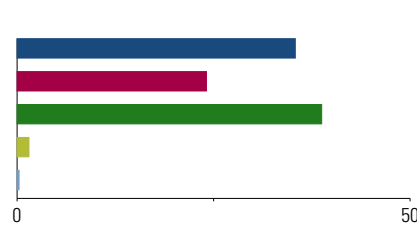
Style Analysis as of 12-31-2020
Morningstar Style Box™



Style Breakdown

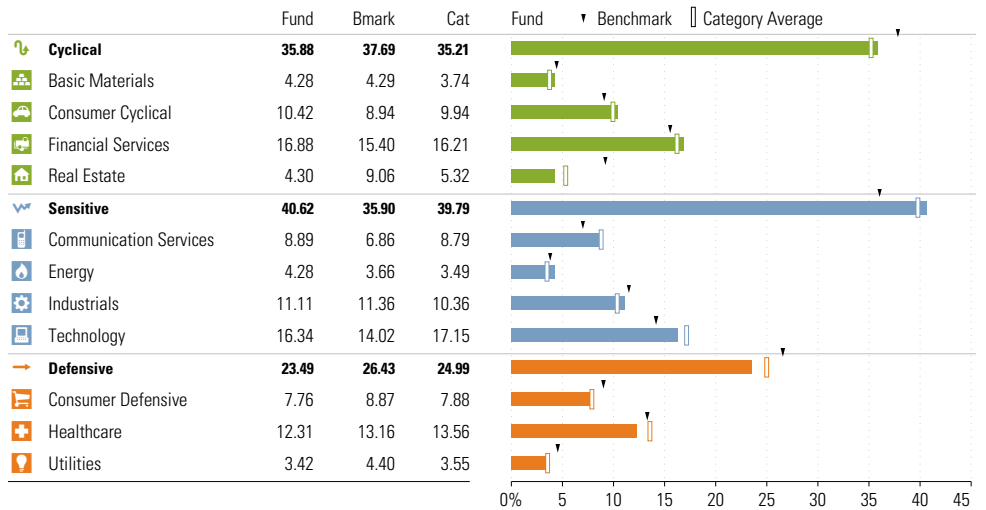


Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	35.39	33.37
Non-US Stocks	24.09	16.97
Bonds	38.75	37.55
Cash	1.51	3.45
Other	0.25	8.66
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Top 5 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	36.01	36.01	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	27.79	63.80	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	24.33	88.13	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	11.75	99.89	-	-
⊕ Cmt Market Liquidity Rate	-	0.11	100.00	-	-

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2030 Inv VTHRX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

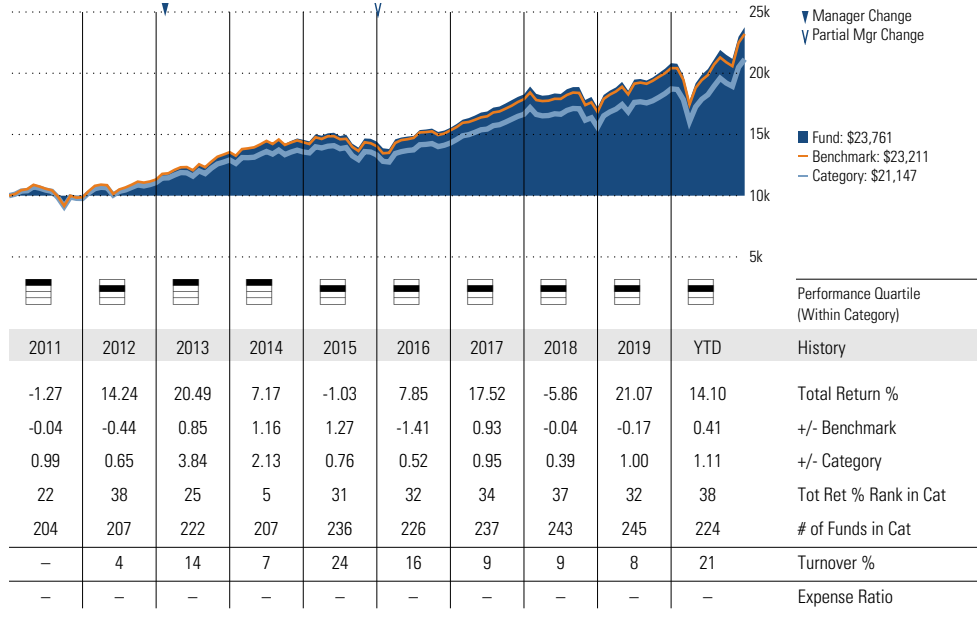
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.08% lower than the Target-Date 2030 category average.

Morningstar Investment Management LLC Analysis

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

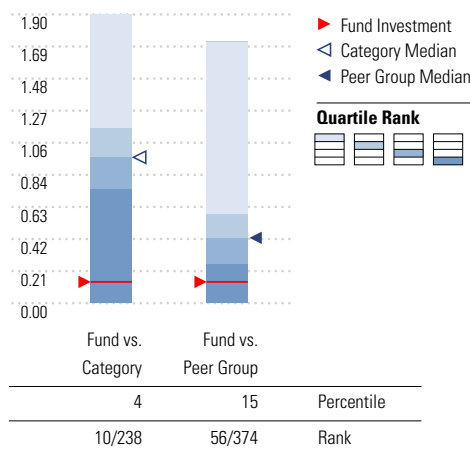
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.04	-	-0.54
Beta	1.00	-	0.96
R-Squared	99.35	-	97.79
Standard Deviation	12.98	12.89	12.55
Sharpe Ratio	0.62	0.62	0.56
Tracking Error	1.05	-	2.05
Information Ratio	0.06	-	-0.42
Up Capture Ratio	102.77	-	96.71
Down Capture Ratio	104.08	-	101.24

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.78	17.60	17.87
Price/Book Ratio	2.19	2.10	2.20
Avg Eff Duration	6.77	10.74	5.64

Vanguard Target Retirement 2030 Inv VTHRX

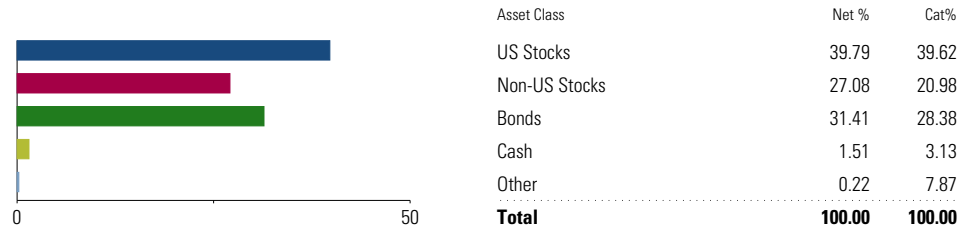
Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

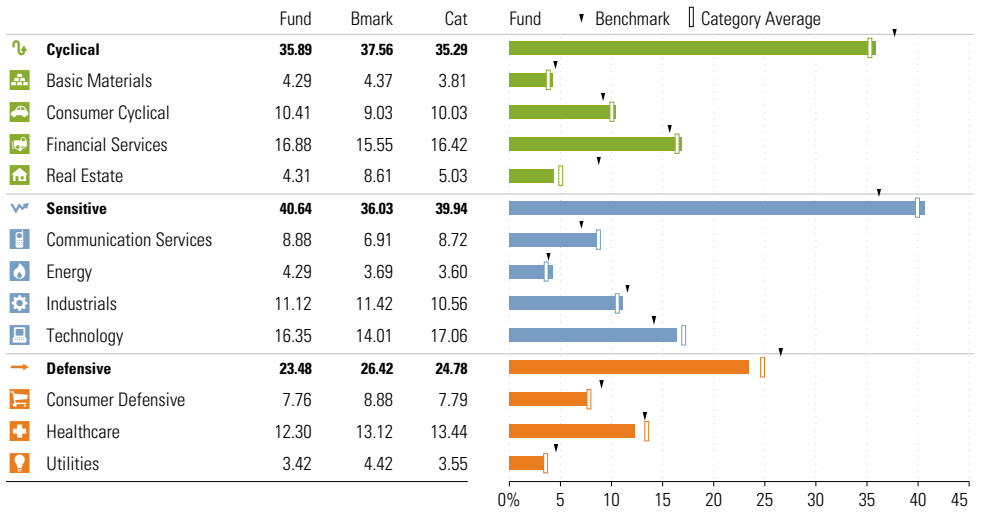
Style Analysis as of 12-31-2020
Morningstar Style Box™



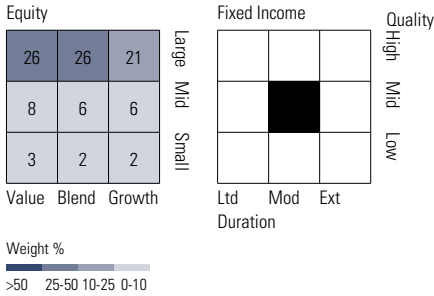
Asset Allocation as of 12-31-2020



Sector Weighting as of 12-31-2020



Style Breakdown



Top 5 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	40.49	40.49	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	27.35	67.84	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	22.53	90.37	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	9.51	99.88	-	-
⊕ Cmt Market Liquidity Rate	-	0.12	100.00	-	-

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2035 Inv VTTHX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

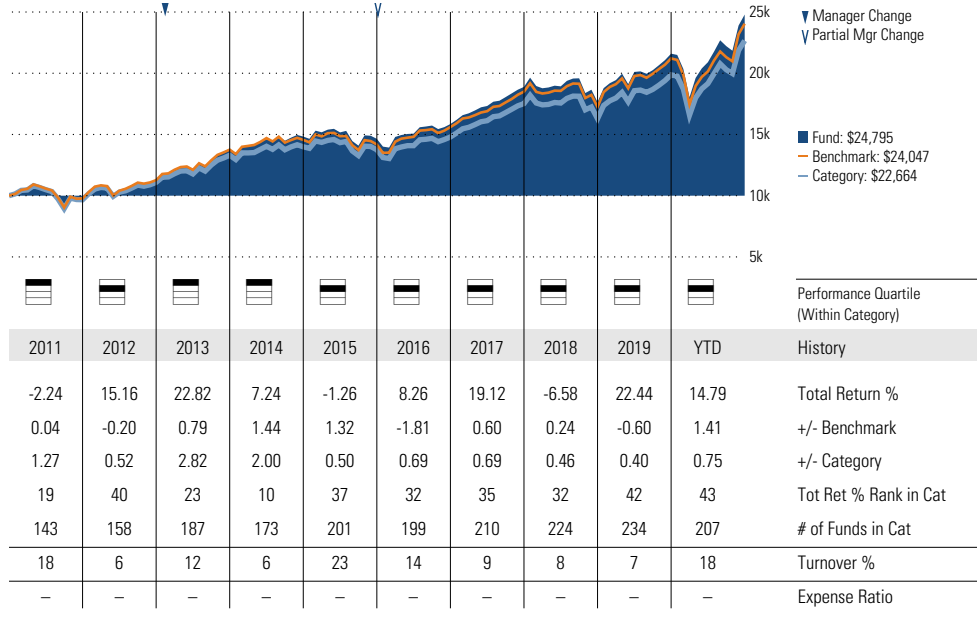
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 80.82% lower than the Target-Date 2035 category average.

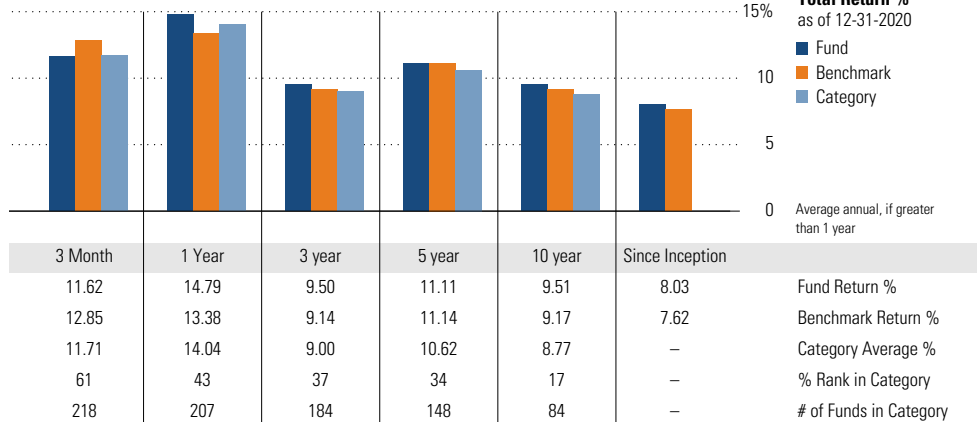
Morningstar Investment Management LLC Analysis

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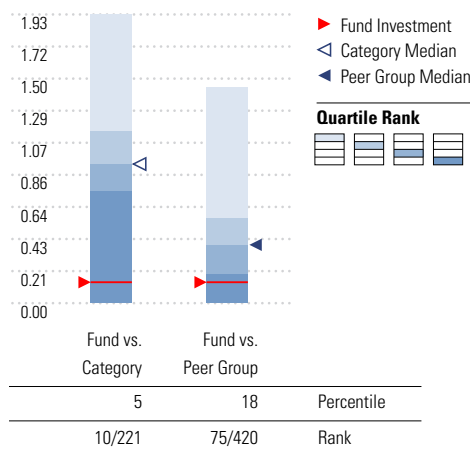
Growth of \$10,000



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	0.62	-	0.03
Beta	0.96	-	0.97
R-Squared	99.48	-	98.93
Standard Deviation	14.36	14.86	14.52
Sharpe Ratio	0.60	0.56	0.56
Tracking Error	1.16	-	1.87
Information Ratio	0.31	-	-0.09
Up Capture Ratio	99.66	-	98.56
Down Capture Ratio	97.29	-	99.08

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	17.52	18.00
Price/Book Ratio	2.19	2.08	2.24
Avg Eff Duration	6.77	10.92	5.76

Vanguard Target Retirement 2035 Inv VTTX

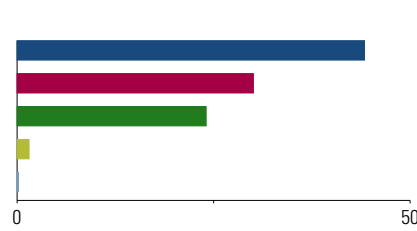
Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™

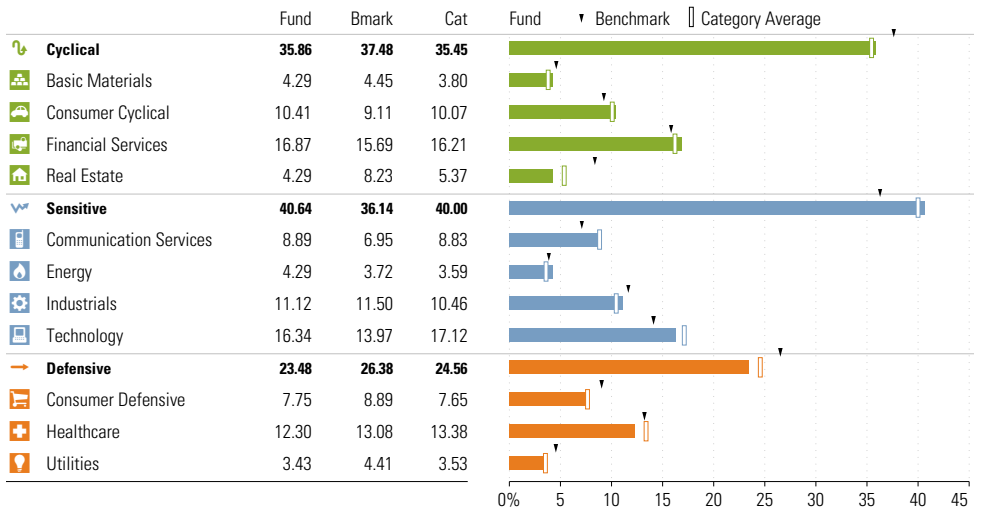


Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	44.20	44.84
Non-US Stocks	30.06	24.61
Bonds	24.05	19.04
Cash	1.52	3.03
Other	0.18	8.48
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Style Breakdown



Top 5 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	44.97	44.97	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	30.36	75.33	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	17.29	92.62	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	7.25	99.87	-	-
⊕ Cmt Market Liquidity Rate	-	0.13	100.00	-	-

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2040 Inv VFORX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

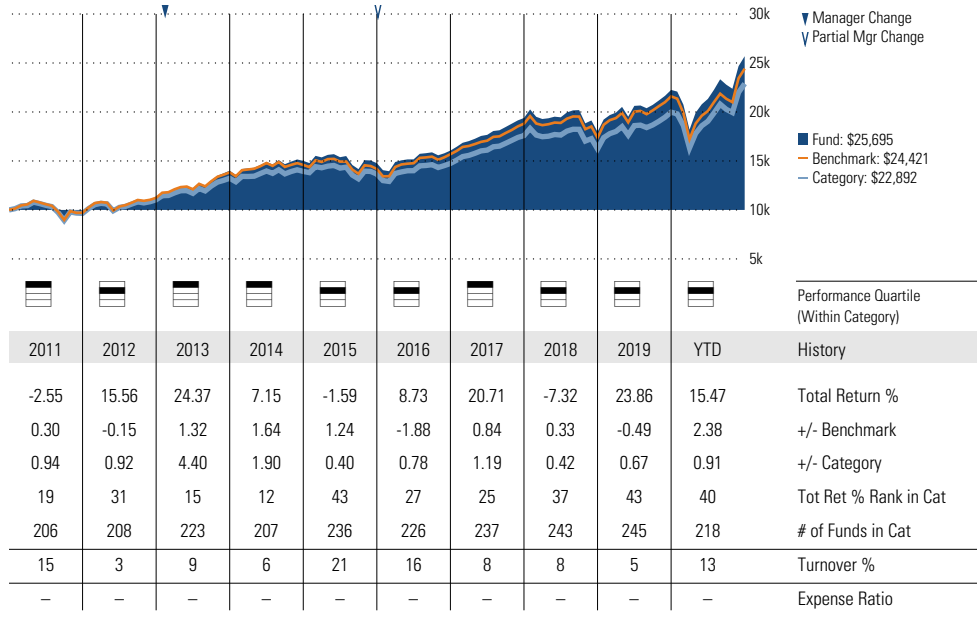
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 81.58% lower than the Target-Date 2040 category average.

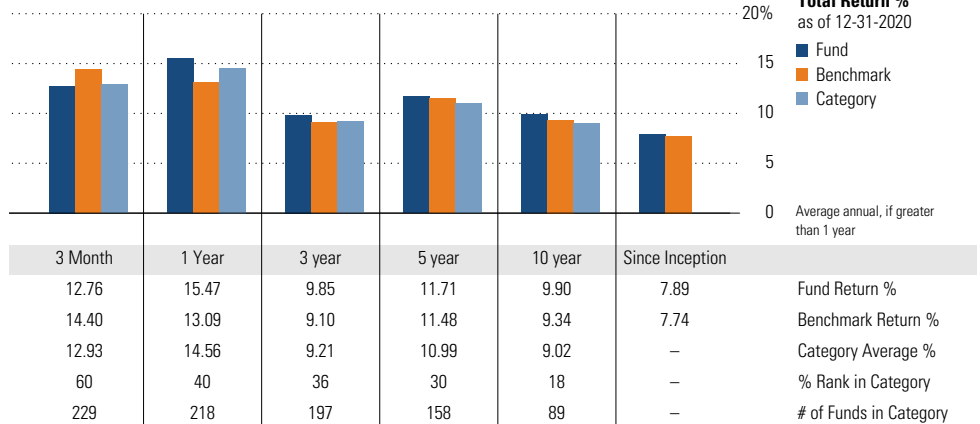
Morningstar Investment Management LLC Analysis

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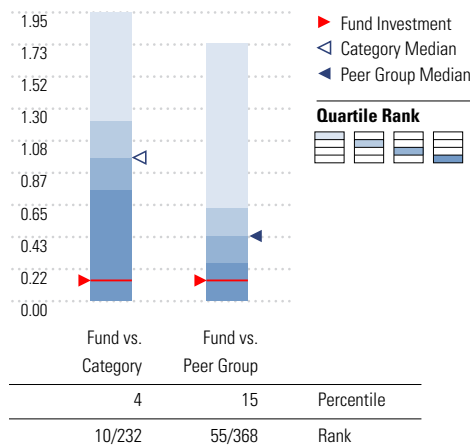
Growth of \$10,000



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	1.05	-	0.52
Beta	0.95	-	0.94
R-Squared	99.46	-	98.16
Standard Deviation	15.74	16.48	15.56
Sharpe Ratio	0.58	0.52	0.54
Tracking Error	1.40	-	2.27
Information Ratio	0.53	-	0.10
Up Capture Ratio	99.32	-	96.07
Down Capture Ratio	95.13	-	94.17

Portfolio Metrics

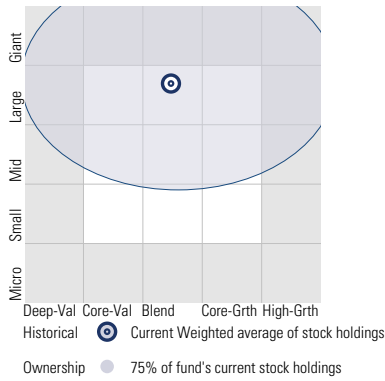
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.44	17.85
Price/Book Ratio	2.19	2.06	2.20
Avg Eff Duration	6.77	11.09	5.80

Vanguard Target Retirement 2040 Inv VFORX

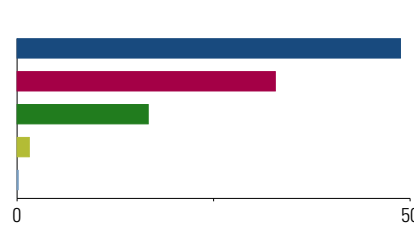
Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™



Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	48.77	49.73
Non-US Stocks	32.85	27.58
Bonds	16.68	12.16
Cash	1.55	2.86
Other	0.14	7.67
Total	100.00	100.00

Sector Weighting as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	35.86	39.45	35.68			
Basic Materials	4.28	4.41	3.84			
Consumer Cyclical	10.41	9.65	10.02			
Financial Services	16.87	17.02	16.00			
Real Estate	4.30	8.37	5.82			
Sensitive	40.66	36.75	39.77			
Communication Services	8.88	6.90	8.76			
Energy	4.29	4.42	3.50			
Industrials	11.11	11.77	10.42			
Technology	16.38	13.66	17.09			
Defensive	23.50	23.81	24.54			
Consumer Defensive	7.75	8.03	7.58			
Healthcare	12.32	11.78	13.39			
Utilities	3.43	4.00	3.57			

Style Breakdown



Top 5 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	49.63	49.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	33.18	82.81	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	12.04	94.85	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	4.99	99.84	—	—
⊕ Cmt Market Liquidity Rate	—	0.16	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2045 Inv VTIVX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

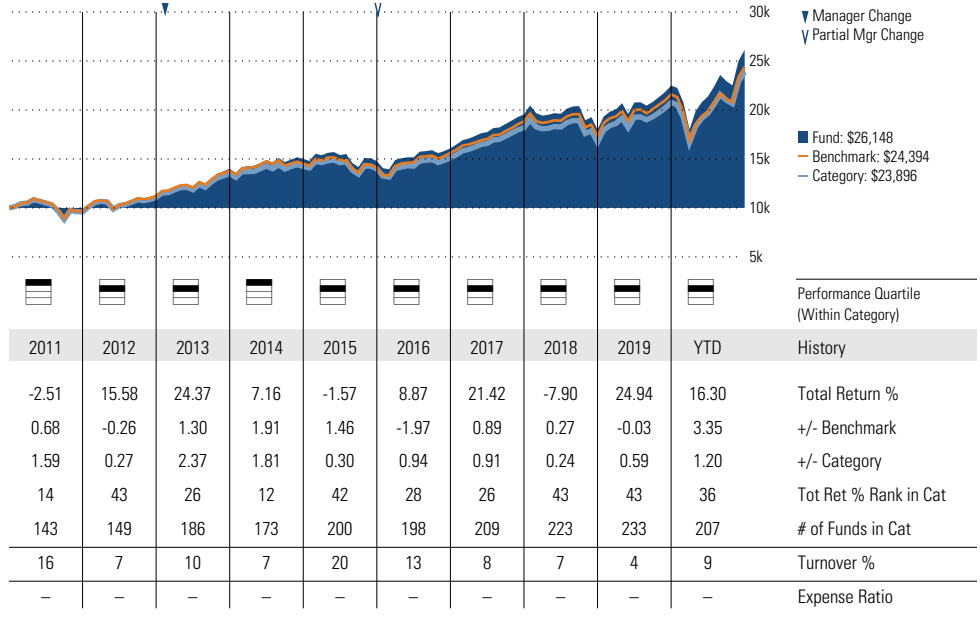
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.73% lower than the Target-Date 2045 category average.

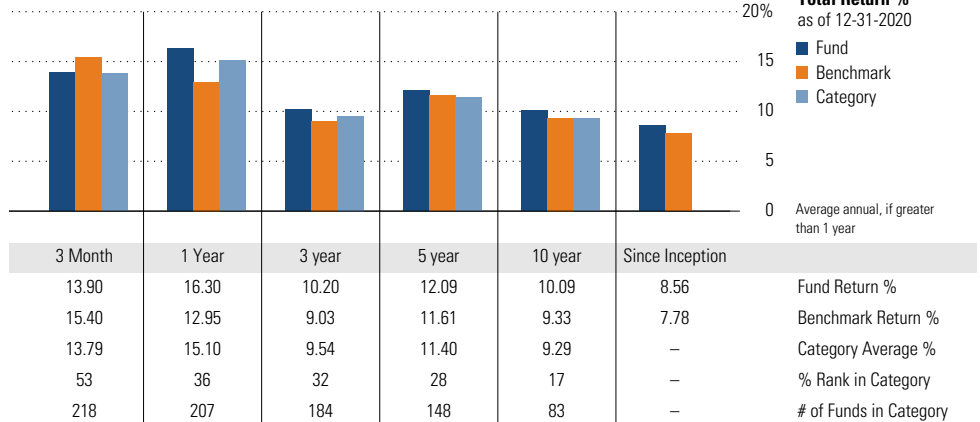
Morningstar Investment Management LLC Analysis

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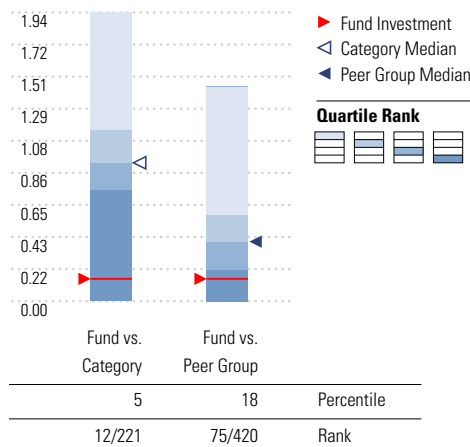
Growth of \$10,000



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	1.27	-	0.75
Beta	0.97	-	0.96
R-Squared	99.41	-	99.01
Standard Deviation	16.97	17.40	16.73
Sharpe Ratio	0.57	0.50	0.54
Tracking Error	1.39	-	1.94
Information Ratio	0.84	-	0.25
Up Capture Ratio	101.76	-	98.47
Down Capture Ratio	96.84	-	95.60

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.36	18.17
Price/Book Ratio	2.19	2.04	2.23
Avg Eff Duration	6.77	-	5.86

Vanguard Target Retirement 2045 Inv VTIVX

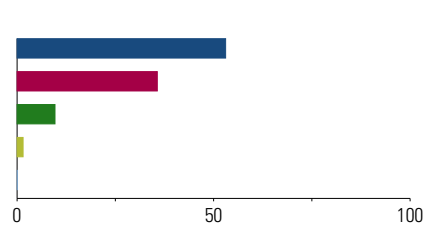
Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™

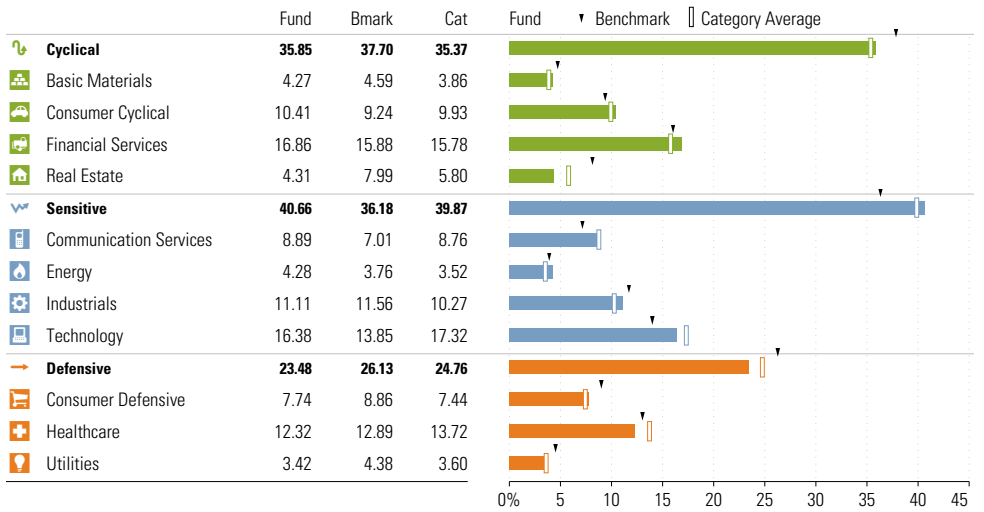


Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	53.06	54.57
Non-US Stocks	35.67	31.00
Bonds	9.64	6.76
Cash	1.52	2.38
Other	0.10	5.29
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Style Breakdown



Top 5 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	54.00	54.00	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	36.02	90.02	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	6.94	96.96	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.90	99.86	—	—
⊕ Cmt Market Liquidity Rate	—	0.14	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2050 Inv VFIFX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

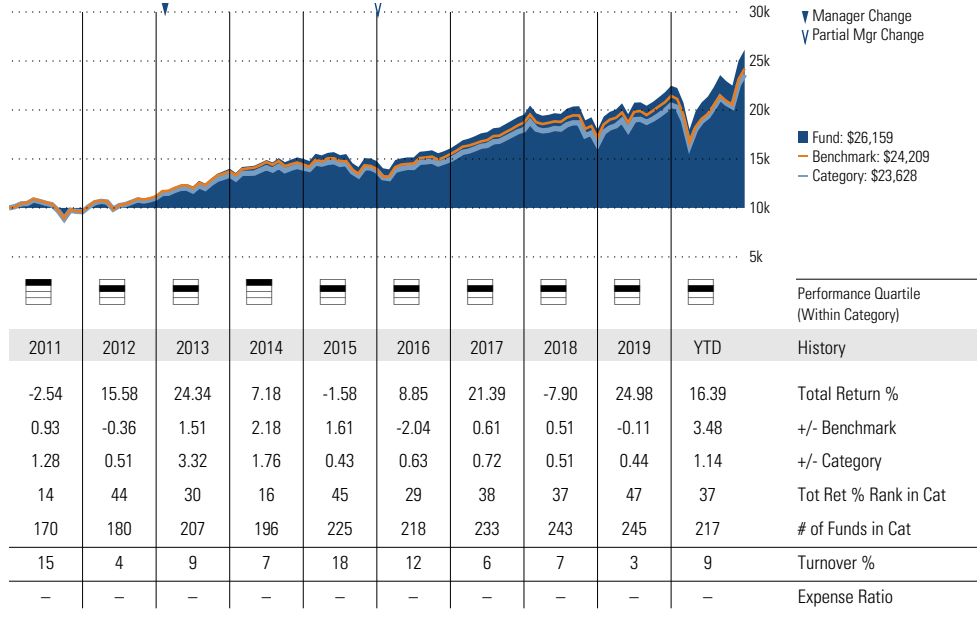
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 80.26% lower than the Target-Date 2050 category average.

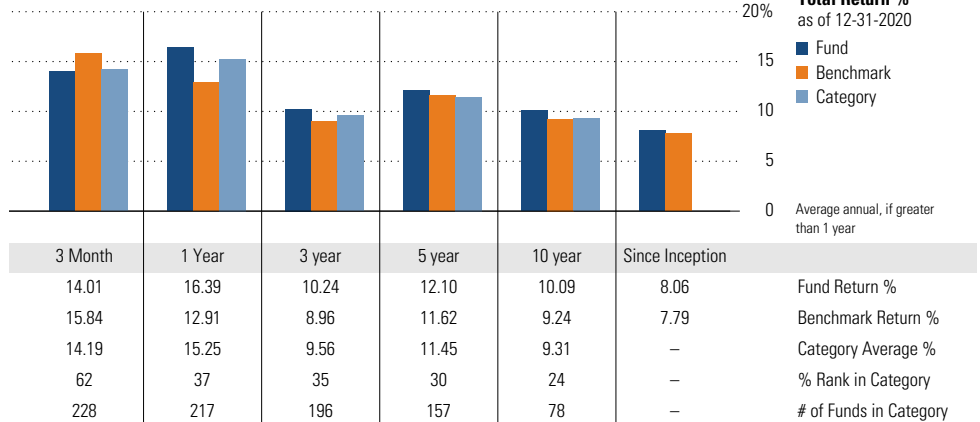
Morningstar Investment Management LLC Analysis

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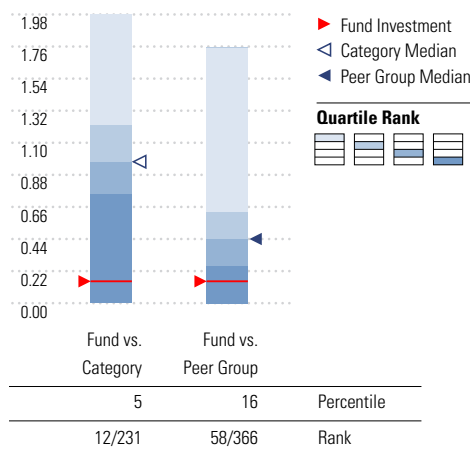
Growth of \$10,000



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	1.49	-	0.90
Beta	0.96	-	0.94
R-Squared	99.37	-	98.21
Standard Deviation	16.99	17.71	16.84
Sharpe Ratio	0.57	0.49	0.53
Tracking Error	1.55	-	2.24
Information Ratio	0.83	-	0.28
Up Capture Ratio	100.71	-	97.64
Down Capture Ratio	94.90	-	94.26

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	17.28	18.03
Price/Book Ratio	2.19	2.02	2.21
Avg Eff Duration	6.78	-	5.90

Vanguard Target Retirement 2050 Inv VFIFX

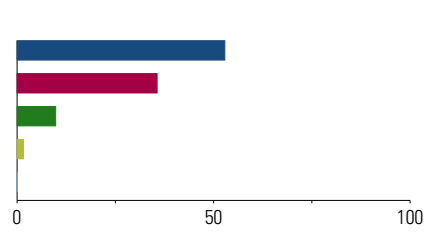
Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™

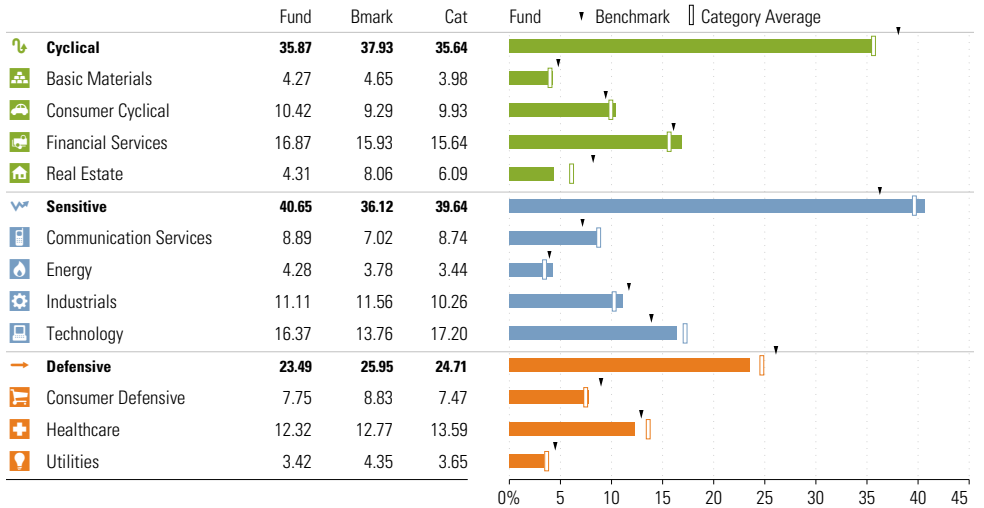


Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	52.85	53.96
Non-US Stocks	35.62	32.23
Bonds	9.81	5.91
Cash	1.61	2.28
Other	0.10	5.62
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Style Breakdown



Top 5 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.78	53.78	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.97	89.75	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.04	96.80	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.97	99.77	—	—
⊕ Cmt Market Liquidity Rate	—	0.23	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Target Retirement 2055 Inv VFFVX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.86 years.

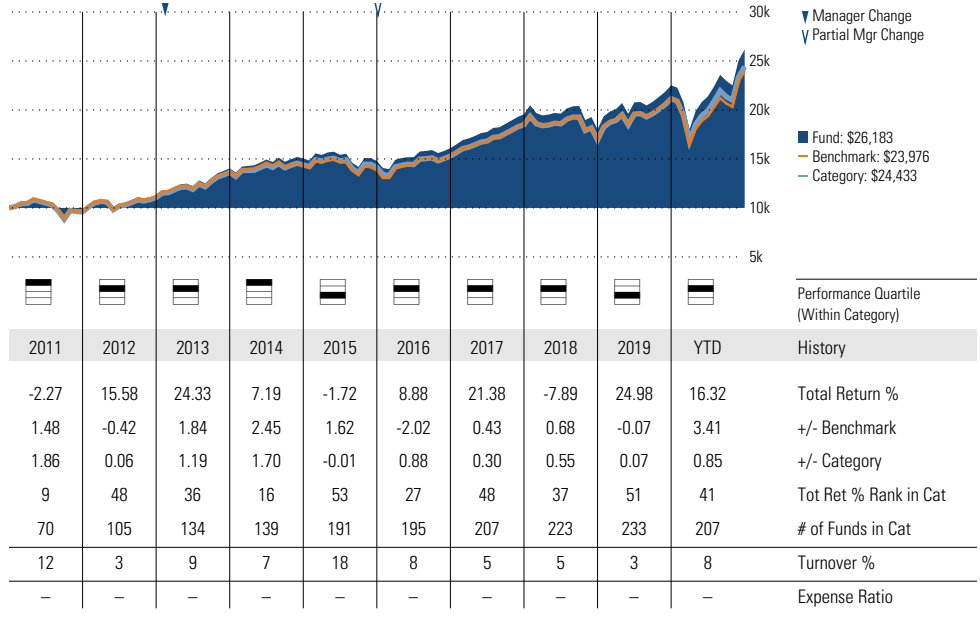
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.73% lower than the Target-Date 2055 category average.

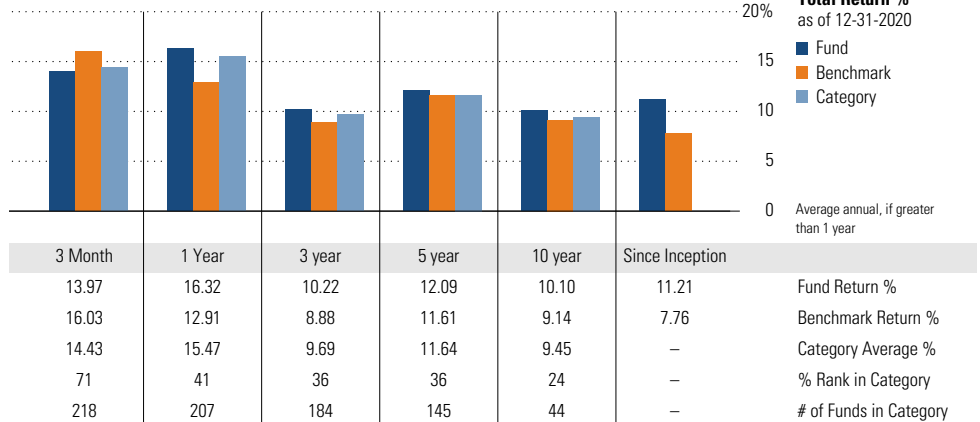
Morningstar Investment Management LLC Analysis

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

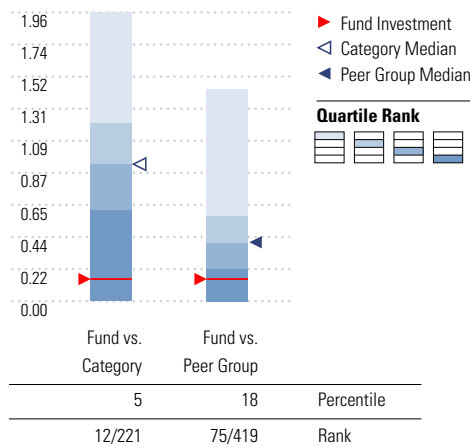
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.58	-	0.96
Beta	0.95	-	0.96
R-Squared	99.34	-	98.94
Standard Deviation	16.98	17.79	17.24
Sharpe Ratio	0.57	0.48	0.53
Tracking Error	1.63	-	1.95
Information Ratio	0.82	-	0.37
Up Capture Ratio	100.40	-	99.81
Down Capture Ratio	94.25	-	96.21

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.19	17.92
Price/Book Ratio	2.19	2.00	2.19
Avg Eff Duration	6.77	-	5.94

Vanguard Target Retirement 2055 Inv VFFVX

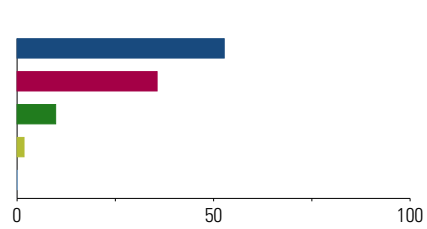
Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™

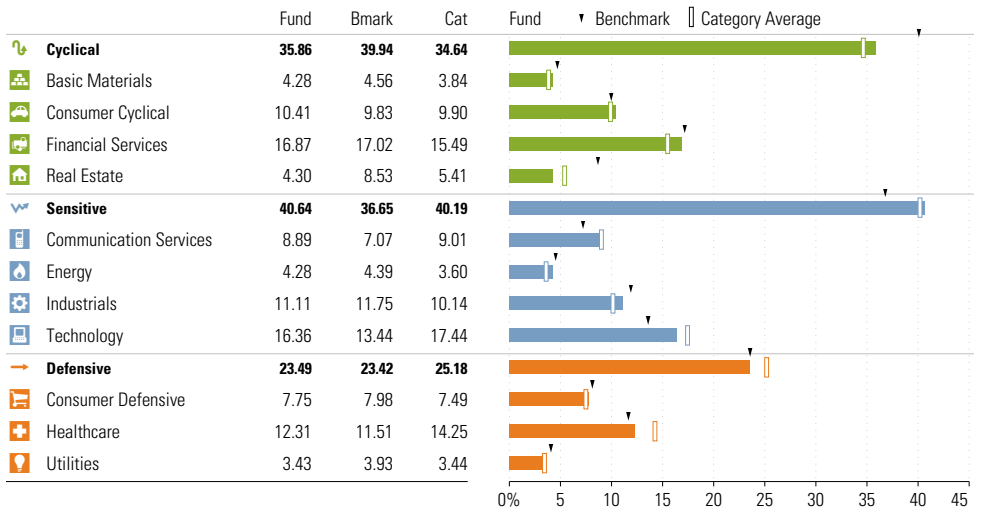


Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	52.70	55.53
Non-US Stocks	35.62	32.63
Bonds	9.81	5.86
Cash	1.76	2.92
Other	0.10	3.07
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Style Breakdown



Top 5 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	53.63	53.63	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	35.98	89.61	—	—
⊖ Vanguard Total Bond Market II Idx Inv	—	7.07	96.67	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	2.95	99.62	—	—
⊕ Cmt Market Liquidity Rate	—	0.38	100.00	—	—

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2060 Inv VTTX

Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060+ 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 7.86 years.

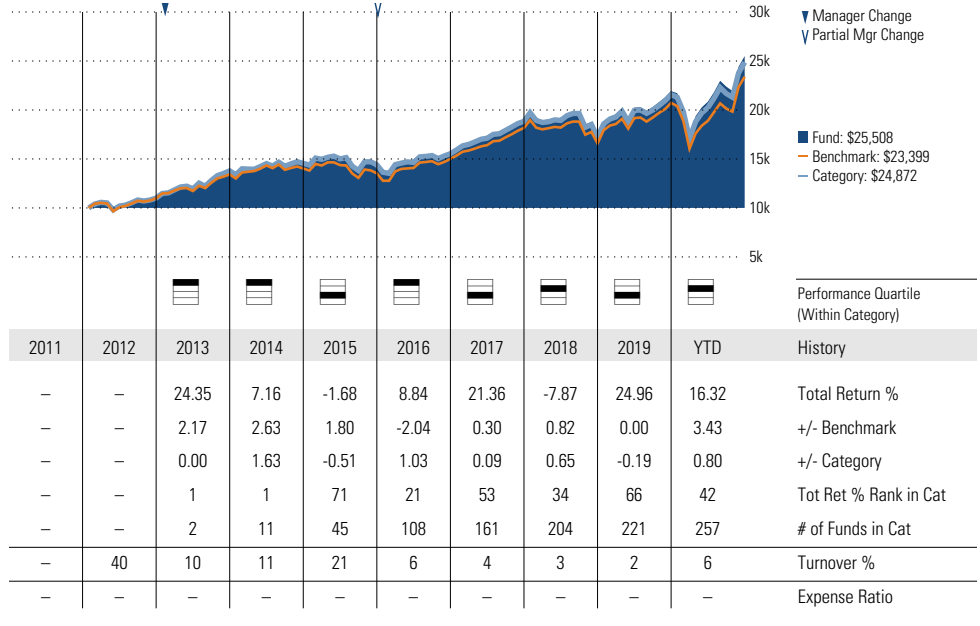
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.73% lower than the Target-Date 2060+ category average.

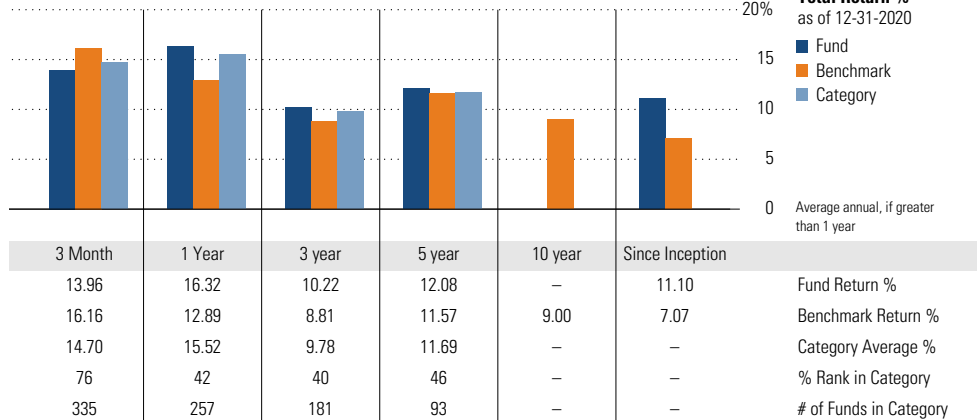
Morningstar Investment Management LLC Analysis

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

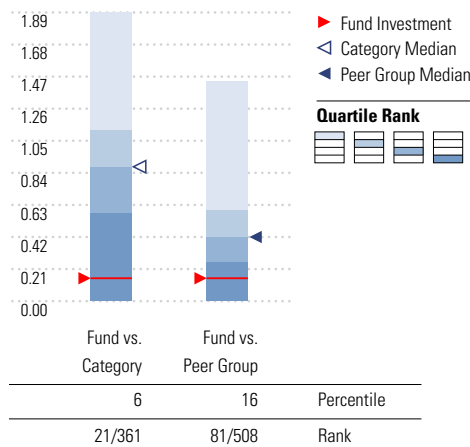
Growth of \$10,000



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	1.67	-	1.03
Beta	0.95	-	0.97
R-Squared	99.27	-	98.65
Standard Deviation	16.97	17.82	17.41
Sharpe Ratio	0.57	0.48	0.53
Tracking Error	1.72	-	2.06
Information Ratio	0.83	-	0.43
Up Capture Ratio	100.49	-	100.76
Down Capture Ratio	94.00	-	96.92

Portfolio Metrics

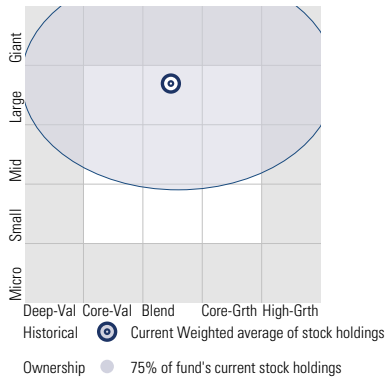
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	17.12	-
Price/Book Ratio	2.18	1.99	-
Avg Eff Duration	6.78	-	5.93

Vanguard Target Retirement 2060 Inv VTTSX

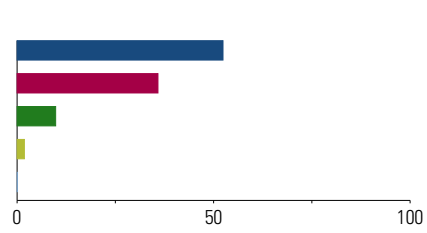
Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™



Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	52.39	53.21
Non-US Stocks	35.84	33.71
Bonds	9.81	7.63
Cash	1.85	2.83
Other	0.10	2.61
Total	100.00	100.00

Sector Weighting as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	35.89	38.47	34.13			
Basic Materials	4.30	4.76	4.05			
Consumer Cyclical	10.41	9.37	10.00			
Financial Services	16.88	16.04	15.41			
Real Estate	4.30	8.30	4.67			
Sensitive	40.64	35.97	40.31			
Communication Services	8.88	7.06	9.20			
Energy	4.30	3.80	3.56			
Industrials	11.12	11.54	10.22			
Technology	16.34	13.57	17.33			
Defensive	23.47	25.55	25.56			
Consumer Defensive	7.75	8.75	7.95			
Healthcare	12.30	12.52	14.19			
Utilities	3.42	4.28	3.42			

Style Breakdown



Top 5 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	53.31	53.31	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.21	89.52	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.01	96.54	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.00	99.53	-	-
⊕ Cmt Market Liquidity Rate	-	0.47	100.00	-	-

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement 2065 Inv VLXVX

Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Portfolio Manager(s)

Walter Nejman since 07-2017
William Coleman since 07-2017

Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 3 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.47 years.

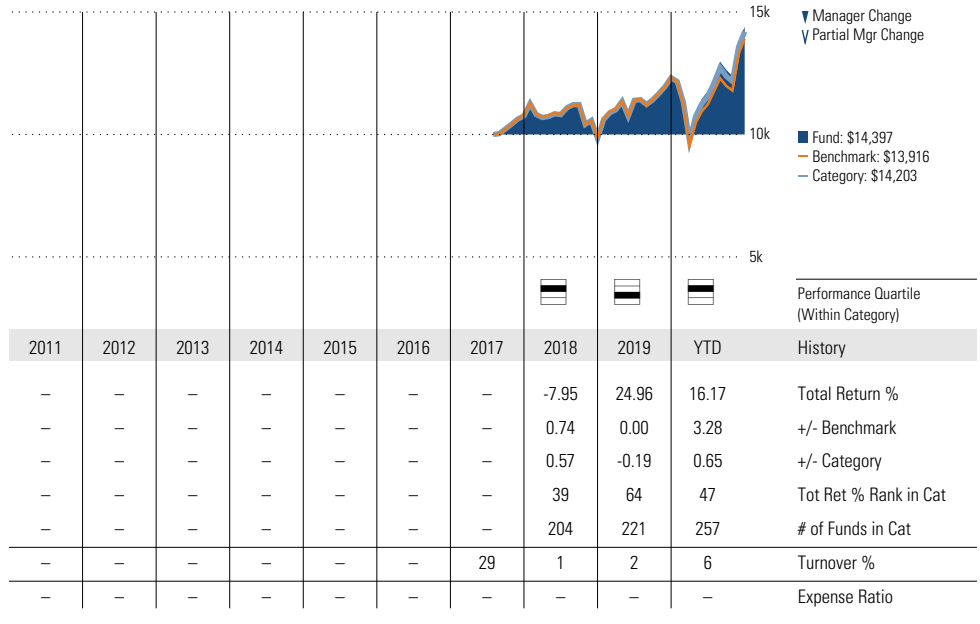
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.15 is 79.73% lower than the Target-Date 2060+ category average.

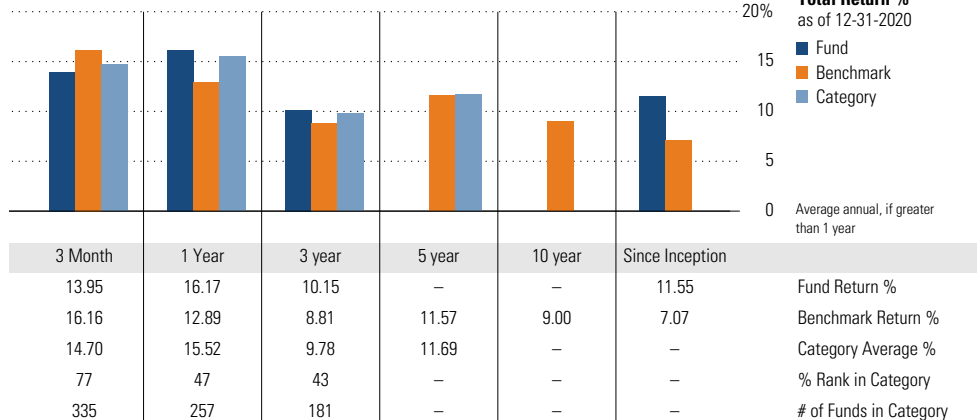
Morningstar Investment Management LLC Analysis

This fund fails our management tenure screen due to the inception of the new 2065 target date fund. This fund is managed by the same team as the full target date series, so we are comfortable with this screen failure.

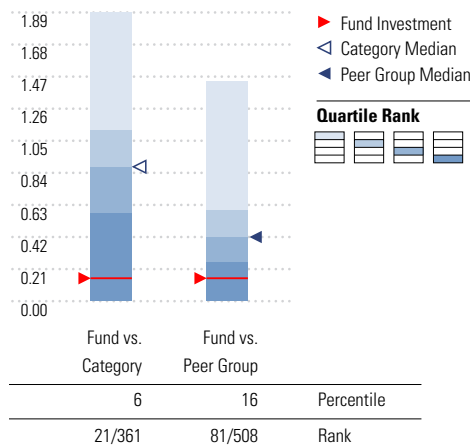
Growth of \$10,000



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	1.59	-	1.03
Beta	0.95	-	0.97
R-Squared	99.31	-	98.65
Standard Deviation	16.99	17.82	17.41
Sharpe Ratio	0.56	0.48	0.53
Tracking Error	1.68	-	2.06
Information Ratio	0.80	-	0.43
Up Capture Ratio	100.36	-	100.76
Down Capture Ratio	94.17	-	96.92

Portfolio Metrics

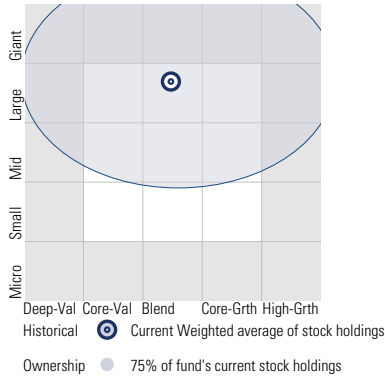
	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.12	-
Price/Book Ratio	-	1.99	-
Avg Eff Duration	6.78	-	5.93

Vanguard Target Retirement 2065 Inv VLXVX

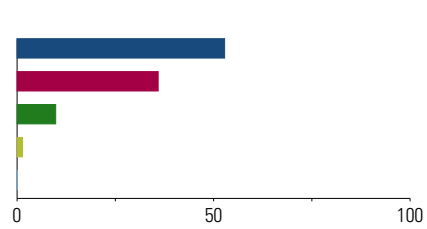
Morningstar Category
Target-Date 2060+

Morningstar Index
Morningstar Lifetime Mod 2060 TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™



Asset Allocation as of 12-31-2020



Asset Class	Net %	Cat%
US Stocks	52.80	53.21
Non-US Stocks	35.89	33.71
Bonds	9.82	7.63
Cash	1.39	2.83
Other	0.10	2.61
Total	100.00	100.00

Sector Weighting as of 12-31-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	35.88	38.47	34.13			
Basic Materials	4.29	4.76	4.05			
Consumer Cyclical	10.42	9.37	10.00			
Financial Services	16.87	16.04	15.41			
Real Estate	4.30	8.30	4.67			
Sensitive	40.65	35.97	40.31			
Communication Services	8.89	7.06	9.20			
Energy	4.29	3.80	3.56			
Industrials	11.12	11.54	10.22			
Technology	16.35	13.57	17.33			
Defensive	23.49	25.55	25.56			
Consumer Defensive	7.76	8.75	7.95			
Healthcare	12.30	12.52	14.19			
Utilities	3.43	4.28	3.42			

Style Breakdown



Top 5 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	53.73	53.73	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	36.25	89.98	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	7.02	97.00	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	3.00	100.00	-	-
⊖ Cmt Market Liquidity Rate	-	0.00	100.00	-	-

Total Holdings 5

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Target Retirement Income Inv VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR USD

Portfolio Manager(s)

Walter Nejman since 02-2013
William Coleman since 02-2013

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.86 years.

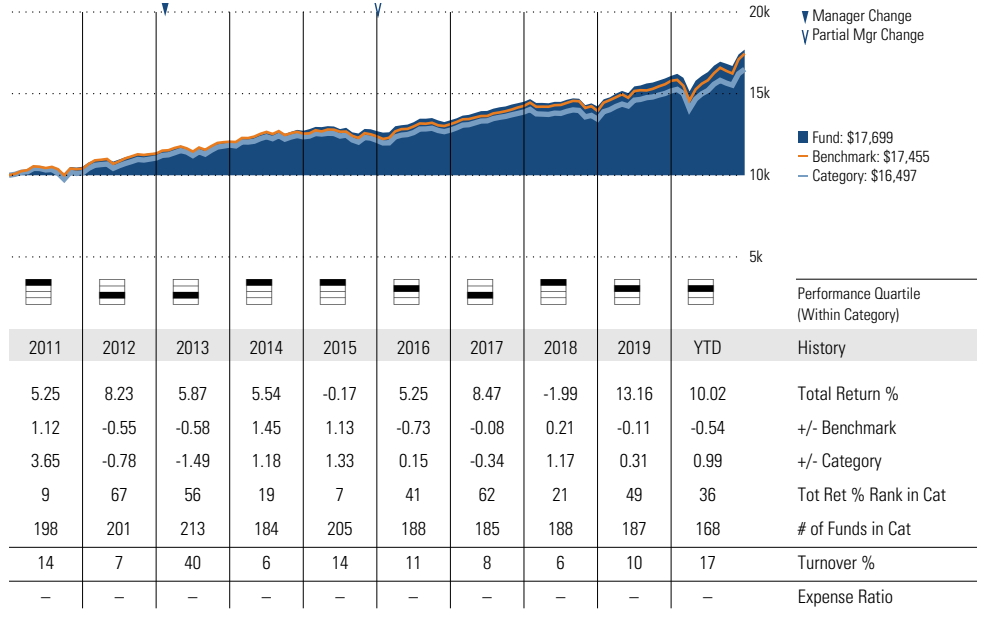
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 83.56% lower than the Target-Date Retirement 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.

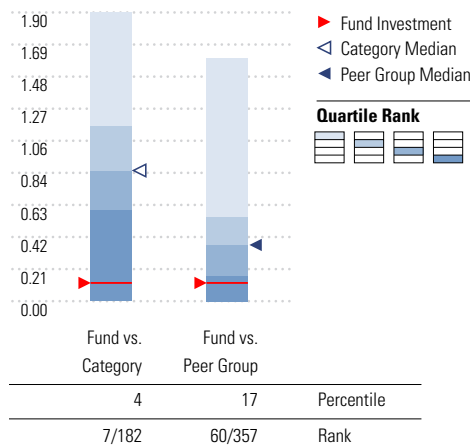
Growth of \$10,000



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	0.90	-	-0.64
Beta	0.84	-	0.95
R-Squared	97.80	-	94.09
Standard Deviation	6.22	7.29	7.09
Sharpe Ratio	0.85	0.75	0.64
Tracking Error	1.47	-	2.12
Information Ratio	-0.09	-	-0.44
Up Capture Ratio	87.60	-	88.28
Down Capture Ratio	76.64	-	91.88

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.76	18.03	17.72
Price/Book Ratio	2.19	2.24	2.19
Avg Eff Duration	5.79	4.99	5.35

Vanguard Target Retirement Income Inv VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index
Morningstar Lifetime Mod Incm TR USD

Style Analysis as of 12-31-2020
Morningstar Style Box™

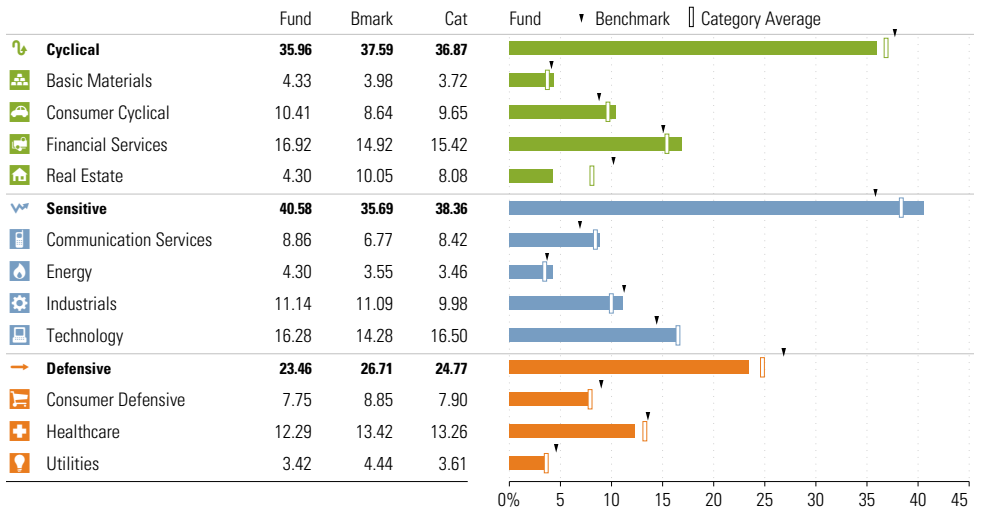


Asset Allocation as of 12-31-2020

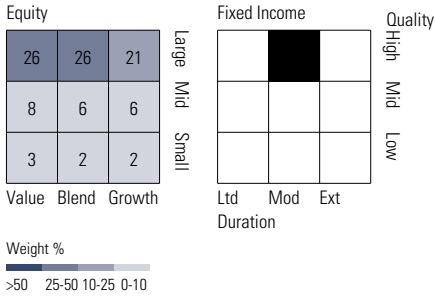


Asset Class	Net %	Cat%
US Stocks	17.59	19.28
Non-US Stocks	12.29	9.68
Bonds	67.31	56.08
Cash	2.48	5.53
Other	0.31	9.43
Total	100.00	100.00

Sector Weighting as of 12-31-2020



Style Breakdown



Top 6 Holdings as of 12-31-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	37.55	37.55	-	-
⊕ Vanguard Total Stock Mkt Idx Inv	-	17.90	55.45	-	-
⊖ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	16.51	71.96	-	-
⊖ Vanguard Total Intl Bd Idx Investor	-	15.55	87.50	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	12.42	99.93	-	-
⊕ Cmt Market Liquidity Rate	-	0.07	100.00	-	-

Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio