American Funds Intl Gr and Inc R6 RIGGX

Portfolio Manager(s)

Andrew Suzman since 10-2008 Steven Watson since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Paul Flynn since 09-2017 Michael Cohen since 07-2018 Lisa Thompson since 09-2018

Quantitative Screens

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

Management: The fund's management has been in place for 14.01 years.

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

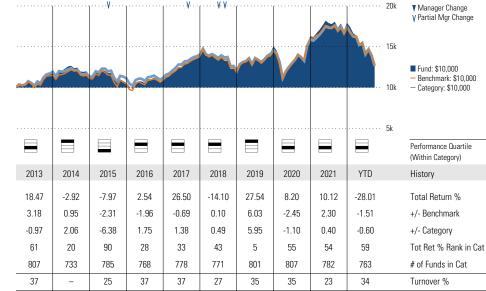
Net Expense: The fund's expense ratio of 0.54 is 41.94% lower than the Foreign Large Blend category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022



Trailing Performance

0.58

0.58

_

4 4 1

3.92

3.43

2.94

2.45

1.96

1.47

0.98

0.49

0.00

Growth of \$10,000



Fund Investment

Category Median

Quartile Rank

Percentile

Peer Group Median

0.58

0.57

0.57

0.54

0.54

0.53

10%

5

0

-5

Total Return % as of 09-30-2022

Benchmark

Fund

Expense Ratio

10 year 3.31 3.01	Since Inception 5.66 3.81	-10 -15 -20 -25 -30	Averag than 1 Fund	ge annual, if gre year Return % :hmark Retur	
3.31	5.01			gory Average	
49	_			ank in Categ	
43	_			Funds in Categ	,
3-Year Risk	Motrico		# UI	i unus in Gat	eyory
J-TEAL NISK	WEU105	F	und	Bmark	Cat
Alpha			0.01	Dinark	0.08
Beta			1.07		1.01
			5.42	_	93.77
R-Squared				-	
Standard Devia	ition).07	18.48	19.26
Sharpe Ratio).02	-0.03	-0.02
Tracking Error		3	3.99	-	4.83
Information Rat	tio	-().07	-	-0.01
Up Capture Rat	io	107	7.28	-	103.08
Down Capture	Ratio	107	7.60	-	103.04
Portfolio M	etrics				
		F	und	Bmark	Cat

	168/796	150/577	Rank
Peer gro	up is a subset of tl	he category and	d includes funds with the
same ma	anagement style (a	ictive vs. passiv	ve) and similar share class
characte	ristics.		

26

Fund vs

Peer Group

Price/Earnings Ratio 11.83 11.06 11.27 Price/Book Ratio 1.58 1.49 1.51 Geom Avg Mkt Cap \$B 39.09 34 91 41.65 ROE 19.35 18.13 20.02

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Fund vs

Category

21

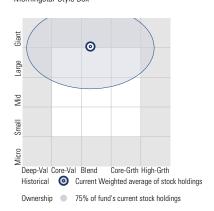


Morningstar Category Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

American Funds Intl Gr and Inc R6 RIGGX

Style Analysis as of 09-30-2022 Morningstar Style Box™





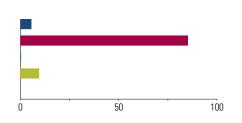


Weight %

<25

>50 25-50 10-25 0-10

World Regions % Equity 09-30-2022



Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

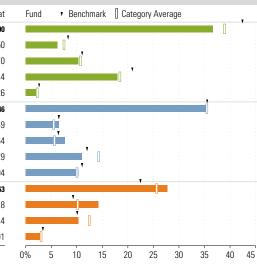
		Fund	Bmark	Cat
Դ	Cyclical	36.70	42.29	38.90
æ.	Basic Materials	6.17	8.16	7.50
	Consumer Cyclical	10.28	10.91	10.70
H	Financial Services	17.94	20.73	18.44
ŵ	Real Estate	2.31	2.49	2.26
V ^{ar}	Sensitive	35.55	35.38	35.46
đ	Communication Services	6.49	6.35	5.49
0	Energy	7.64	6.26	5.64
¢	Industrials	11.05	11.87	14.29
	Technology	10.37	10.90	10.04
-	Defensive	27.75	22.32	25.63
F	Consumer Defensive	14.24	9.14	10.18
٠	Healthcare	10.34	9.95	12.44
9	Utilities	3.17	3.23	3.01

Asset Class Net % Cat% US Stocks 2.94 5.41 Non-US Stocks 85.07 94.78 Bonds 0.16 0.62 Cash 9.36 0.82 Other 0.00 0.83 Total 100.00 100.00

Morningstar Index

MSCI ACWI Ex USA NR USD

Morningstar Category Foreign Large Blend



1	Greater Asia	Fund % 28.28	Cat % 36.02	Americas	Fund % 15.73	Cat % 9.12	Greater Europe	Fund % 55.98	Cat % 54.87	Market Maturity	Fund %
	Japan	7.17	18.20	North America	11.06	7.95	United Kingdom	16.06	13.86	Developed Markets	84.41
	Australasia	0.28	5.40	Central/Latin	4.67	1.17	W euro-ex UK	39.28	39.70	Emerging Markets	15.59
	Asia-4 Tigers	10.32	6.89				Emrgng Europe	0.24	0.06	Not Available	0.00
	Asia-ex 4 Tigers	10.51	5.53				Africa	0.40	1.25		
	Not Classified	0.00	0.00								
>75	5										

Top 10 Holdings as of 09-30-2022

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Đ Capital Group Central Cash M	9.26	9.26	_	_
🕀 AstraZeneca PLC	3.15	12.41	17.14	Healthcare
igodolog British American Tobacco PLC	2.91	15.32	24.01	Consumer Defensive
Taiwan Semiconductor Manufacturing Co Ltd	2.72	18.03	-30.04	Technology
\oplus Philip Morris International Inc	1.78	19.81	-8.65	Consumer Defensive
€ Novo Nordisk A/S Class B	1.68	21.49	4.70	Healthcare
Airbus SE	1.66	23.15	-19.55	Industrials
\ni ASML Holding NV	1.55	24.70	-37.96	Technology
➔ BAE Systems PLC	1.52	26.22	46.42	Industrials
ightarrow Nestle SA	1.33	27.55	-14.55	Consumer Defensive

Total Holdings 241

 \oplus Increase \oplus Decrease R New to Portfolio

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American Funds New World R6 RNWGX

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 Akira Shiraishi since 01-2017 Lisa Thompson since 10-2019 Kirstie Spence since 12-2019 Dawid Justus since 01-2020 Piyada Phanaphat since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 23.3 years.

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

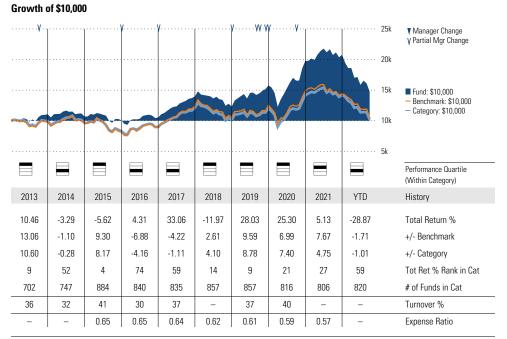
Net Expense: The fund's expense ratio of 0.57 is 50.86% lower than the Diversified Emerging Mkts category average.

Morningstar Investment Management LLC Analysis

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

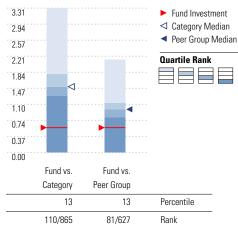
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022



Trailing Performance





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

3-Year Risk Metrics Fund Bmark Cat Alpha 2.85 -0.04 0.93 1 01 Beta **R-Squared** 83.08 89.15 Standard Deviation 19.53 19 18 20.61 Sharpe Ratio 0 10 -0.05 -0.05 Tracking Error 8.15 6.63 Information Ratio 0.34 -0.10 Up Capture Ratio 101.44 101.61 Down Capture Ratio 90.68 102.73

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 15.80 9.97 10.69 Dia (Paulo Paulo)

Thoo, Earningo hatio	10.00	0.07	10.00
Price/Book Ratio	2.67	1.51	1.71
Geom Avg Mkt Cap \$B	49.35	30.78	38.21
ROE	23.44	17.48	18.39

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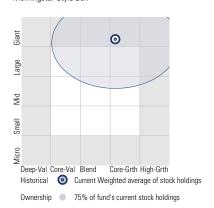


Morningstar Category Morningstar Index

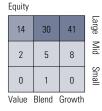
Diversified Emerging Mkts MSCI EM NR USD

American Funds New World R6 RNWGX

Style Analysis as of 09-30-2022 Morningstar Style Box™





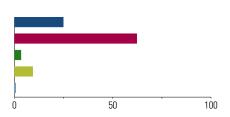


Weight %

<25

>50 25-50 10-25 0-10

World Regions % Equity 09-30-2022



Sector Weighting as of 09-30-2022

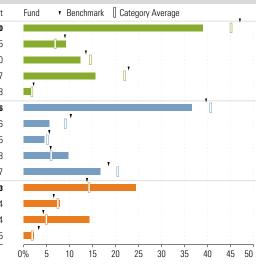
Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat
Դ	Cyclical	38.94	46.87	45.10
æ.	Basic Materials	9.21	8.82	6.85
~	Consumer Cyclical	12.36	13.38	14.50
,	Financial Services	15.63	22.67	21.97
ŵ	Real Estate	1.74	2.00	1.78
w	Sensitive	36.60	39.51	40.66
	Communication Services	5.61	10.09	9.06
0	Energy	4.49	5.41	5.15
¢	Industrials	9.78	5.71	5.98
	Technology	16.72	18.30	20.47
	Defensive	24.45	13.61	14.23
F	Consumer Defensive	7.84	6.38	7.44
٠	Healthcare	14.34	4.11	4.94
9	Utilities	2.27	3.12	1.85
-				



Diversified Emerging Mkts

Asset Class	Net %	Cat%
US Stocks	24.77	3.08
Non-US Stocks	62.17	94.37
Bonds	3.24	0.04
Cash	9.22	2.74
Other	0.61	-0.24
Total	100.00	100.00



	Greater Asia	Fund % 39.96	Cat % 75.82	Americas	Fund % 39.27	Cat % 14.15	Greater Europe	Fund % 20.78	Cat % 10.02	Market Maturity	Fund %
	Japan	2.37	0.09	North America	30.17	3.05	United Kingdom	2.68	0.64	Developed Markets	59.14
	Australasia	0.71	0.04	Central/Latin	9.10	11.10	W euro-ex UK	16.04	1.63	Emerging Markets	40.86
	Asia-4 Tigers	6.72	24.94				Emrgng Europe	0.17	1.13	Not Available	0.00
	Asia-ex 4 Tigers	30.16	50.75				Africa	1.89	6.62		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2022

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash Fund	9.10	9.10	-	_
∋ Microsoft Corp	3.08	12.18	-30.20	Technology
igodolog Kotak Mahindra Bank Ltd	2.15	14.32	1.34	Financial Services
$oldsymbol{eta}$ Taiwan Semiconductor Manufacturing Co Ltd	1.84	16.16	-30.04	Technology
\oplus Kweichow Moutai Co Ltd Class A	1.75	17.91	-7.71	Consumer Defensive
igodolog Reliance Industries Ltd	1.71	19.63	0.71	Energy
€ Novo Nordisk A/S Class B	1.31	20.94	4.70	Healthcare
$oldsymbol{eta}$ Thermo Fisher Scientific Inc	1.27	22.21	-23.85	Healthcare
	1.23	23.44	-14.84	Financial Services
\oplus Eli Lilly and Co	1.20	24.64	18.13	Healthcare

Total Holdings 582

 \oplus Increase \oplus Decrease otin New to Portfolio

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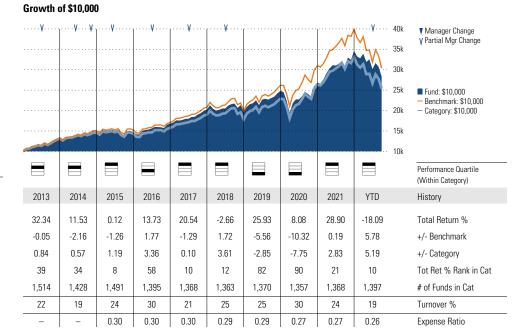


American Funds Washington Mutual R6 RWMGX

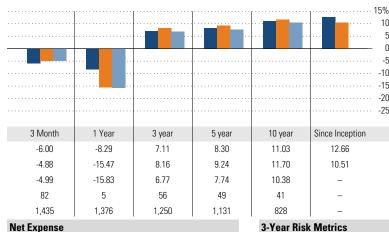
Morningstar Category Large Blend

Morningstar Index

S&P 500 TR USD



Trailing Performance



Fund Investment Category Median

Quartile Rank

Peer Group Median



10

5

0

-5 -10 **Total Return %**

as of 09-30-2022

Benchmark

Category

Fund

	Fund	Bmark	Cat
Alpha	-0.11	-	-1.32
Beta	0.88	-	0.96
R-Squared	93.37	-	95.48
Standard Deviation	18.40	20.30	19.87
Sharpe Ratio	0.43	0.45	0.37
Tracking Error	5.37	-	4.01
Information Ratio	-0.20	-	-0.98
Up Capture Ratio	87.99	-	92.89
Down Capture Ratio	88.72	-	97.59
Dortfolio Motrico			

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.02	17.98	18.23
Price/Book Ratio	2.88	3.38	3.60
Geom Avg Mkt Can \$B	121.35	164 20	210.33

29.82

	Formono metrics	
		Fund
Percentile	Price/Earnings Ratio	15.02
Rank	Price/Book Ratio	2.88
includes funds with the	Geom Avg Mkt Cap \$B	121.35

ROE

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

14

Fund vs

123/883

Peer Group



31.94

32.91

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

Quantitative Screens

Performance: The fund has finished in the Large Blend category's top three quartiles in 8 of the 10 years it's been in existence.

Management: The fund's management has been in place for 25.27 years.

× Style: The fund has landed in its primary style box — Large Blend — 30 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.26 is 67.5% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

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Fund vs

Category

232/1463

16

4.87

2.71 2.16 1.62 1.08 0.54 0.00

American Funds Washington Mutual R6 RWMGX

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

50

Bmark

29.69

2.24

11.44

13 11

2.90

44.73

8.07

4.55

8.32

23.79

25.58

7.33

15.18

3.07

Fund

26.94

2.45

6.58

16.55

1.36

39.96

5.34

6.63

11.70

16.29

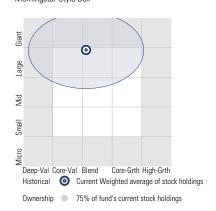
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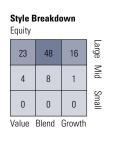
6.40

23.59

3.11

Style Analysis as of 09-30-2022 Morningstar Style Box™





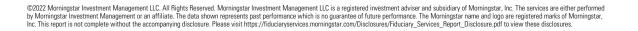


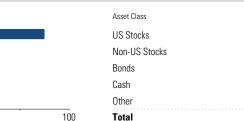
Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.40	5.40		
Microsoft Corp	5.12	5.12	-30.20	Technology
⊖ Broadcom Inc	4.88	10.00	-31.42	Technology
\oplus Capital Group Central Cash Fund	4.66	14.66	-	-
\ominus UnitedHealth Group Inc	4.61	19.27	1.52	Healthcare
⊕ Pfizer Inc	2.49	21.76	-23.86	Healthcare
€ CVS Health Corp	2.33	24.09	-5.95	Healthcare
Marsh & McLennan Companies Inc	2.33	26.42	-13.16	Financial Services
\ni Comcast Corp Class A	2.20	28.62	-40.15	Communication Svc
$oldsymbol{eta}$ Northrop Grumman Corp	1.99	30.61	22.81	Industrials
⊖ Johnson & Johnson	1.93	32.54	-2.57	Healthcare
The Home Depot Inc	1.86	34.39	-32.14	Consumer Cyclical
\ominus CME Group Inc Class A	1.78	36.18	-21.15	Financial Services
	1.65	37.83	18.13	Healthcare
➔ AbbVie Inc	1.33	39.16	2.52	Healthcare
\oplus JPMorgan Chase & Co	1.30	40.46	-32.11	Financial Services

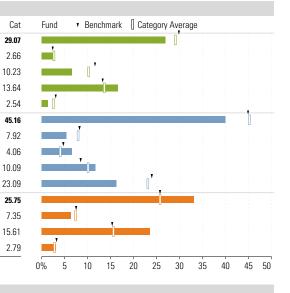
Total Holdings 192

⊕ Increase ⊖ Decrease 🕸 New to Portfolio





Asset Class	Net %	Cat%
US Stocks	87.39	94.84
Non-US Stocks	7.73	2.67
Bonds	0.00	0.87
Cash	4.63	0.53
Other	0.26	1.09
Total	100.00	100.00





Morningstar Category

📕 Large Blend

Morningstar Index S&P 500 TR USD

Baird Aggregate Bond Inst BAGIX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 22.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 49.15% lower than the Intermediate Core Bond category average.

Morningstar Investment Management LLC Analysis

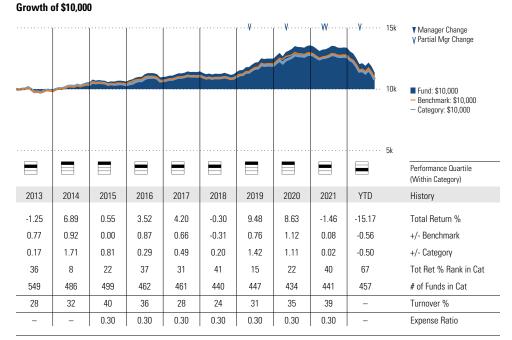
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

ESG Metrics

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

Morningstar Category Intermediate Core Bond Morningstar Index

Bloomberg US Agg Bond TR USD



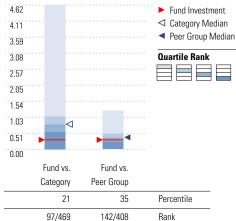
Trailing Performance



Alpha

Beta

R-Squared



Standard Deviation	5.71	5.36
Sharpe Ratio	-0.62	-0.70
Tracking Error	1.18	-
Information Ratio	0.16	-
Up Capture Ratio	113.98	-
Down Capture Ratio	106.21	-
Portfolio Metrics		
	Fund	Bmark

Fund

0.35

1 04

95.90

Bmark

Cat

0.06

1 00

91.94

5.61

-0.67

1.53

-0.06

104.83

102.46

Cat

5 95

8.08

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

Fund Bmark Avg Eff Duration 6.58 4.43 Avg Eff Maturity 8.50 – the

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Baird Aggregate Bond Inst BAGIX

Style Analysis as of 09-30-2022 Style Breakdown Fixed Income Quality High Mid

۲0



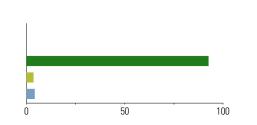
Not Rated

Credit Rating Breakdown Fund Bmark Cat 58.90 3.53 AAA 48.24 AA 3.70 74.59 11.54 12.90 10.82 А 24.71 BBB 23.90 8.32 12.75 BB 0.60 0.28 1.25 В 0.00 0.00 0.50 Below B 0.00 0.00 0.28

0.00

2.46

0.73



Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

	Fund	Bmark	Cat	Fund	۲	Benchma	rk 🛛 C	ategory	Average			
Government	28.46	_	30.91			-	-					
Treasury	28.43	-	24.98				-)			
Inflation – Protected	0.00	-	1.47	i []								
Agency/Quasi Agency	0.03	-	1.12									
Other Government Related	0.00	-	3.34		0							
Corporate	38.86	_	26.16)			
Corporate Bond	34.88	-	24.80]			
Bank Loan	0.00	-	0.05	0								
Convertible	3.98	-	1.27									
Preferred	0.00	-	0.04	0								
Securitized	28.13	-	34.55									
Agency MBS Pass-Through	16.70	-	22.81						[
Agency MBS ARM	0.00	-	0.18									
Agency MBS CMO	2.92	-	2.43									
Non-Agency Residential MBS	0.39	-	0.20	[
Commercial MBS	4.61	-	2.81									
Asset-Backed	3.51	-	6.12									
Covered Bond	0.00	-	0.00	0								
Municipal	1.08	-	0.67	Û								
Cash & Equivalents	3.47	_	5.99									
Other	0.00	-	1.74									
				0%	5	10	15	20	25	30	35	4

Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 2.5%	02-2045	4.09	4.09	-
United States Treasury Bonds 2.88%	05-2043	3.42	7.52	_
⊖ First American Government Obligs U	02-2030	3.16	10.68	_
igodot United States Treasury Notes 0.38%	07-2024	3.02	13.70	_
United States Treasury Notes 1.13%	08-2028	2.96	16.67	-
\odot United States Treasury Notes 2.25%	11-2025	2.81	19.48	-
⊖ United States Treasury Notes 2.25%	11-2027	2.02	21.50	_
\odot United States Treasury Bonds 1.38%	11-2040	1.99	23.48	_
igodot United States Treasury Notes 2%	11-2026	1.65	25.13	-
⊕ United States Treasury Notes 1.25%	08-2031	1.60	26.73	-

Total Holdings 1528

🕀 Increase \ominus Decrease 🕸 New to Portfolio

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Morningstar Category

Intermediate Core Bond

Asset Class

US Stocks

Bonds

Cash

Other

Total

Non-US Stocks

Morningstar Index d TR USD

Net %

0.00

0.00

92.52

3.43

4.05

100.00

Cat%

0.05

0.00

94.93

2.71

2.30

100.00

Bloomberg	US Agg	Boug	IK	ι

BlackRock Global Allocation Instl MALOX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 5.75 years.

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

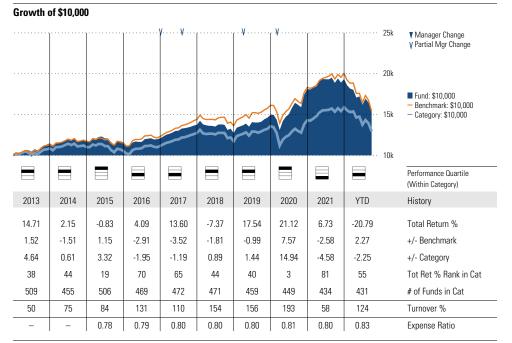
Net Expense: The fund's expense ratio of 0.84 is 26.96% lower than the Global Allocation category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	
Sustainability Rating	3	
Carbon Risk Score	Medium Risk	



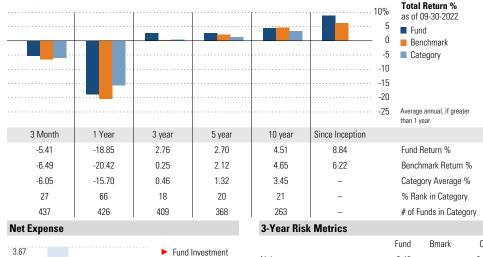
Global Allocation

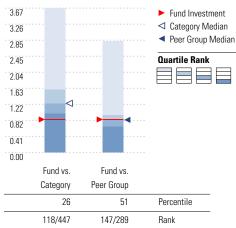
Trailing Performance

Updated

07-31-2022

06-30-2022





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

Cat Alpha 2.48 0.24 1 00 0.99 Beta R-Squared 97.70 87.90 Standard Deviation 13 85 13 72 14 59 Sharpe Ratio 0.22 0 04 0.04 Tracking Error 2.10 5.05 Information Ratio 1.19 -0.02 Up Capture Ratio 105.82 99.99 Down Capture Ratio 92.51 99.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.56	14.02	14.05
Price/Book Ratio	2.84	2.13	1.98
Avg Eff Duration	0.81	-	4.07

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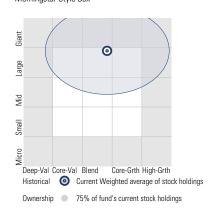


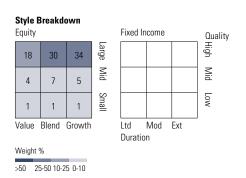
Morningstar Category Morningstar Index

Morningstar Gbl Allocation TR USD

BlackRock Global Allocation Instl MALOX

Style Analysis as of 09-30-2022 Morningstar Style Box™





Bmark

35.42

4.85

11.43

15 70

3.44

41.15

6.86

5.12

10.73

18.44

23.41

7.61

12.66

3.14

Fund

34.01

7.75

14.01

10.58

1.67

45.27

7.98

8.74

9.07

19.48

20.72

4.43

14.01

2.28

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

Total	100.00	100.00
Other	5.12	9.88
Cash	3.80	26.64
Bonds	22.29	11.92
Non-US Stocks	22.42	20.95
US Stocks	46.38	30.62
Asset Class	Net %	Cat%

Morningstar Index

Morningstar Gbl Allocation TR USD

Morningstar Category

Global Allocation

Benchmark [] Category Average Cat Fund 39.75 6.82 8.88 11 58 12.47 37.81 5.40 8.32 10.75 13.34 22.44 5.93 10.54 5.97 5 10 15 20 25 30 35 40 45 0%

Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Microsoft Corp	_	2.70	2.70	-30.20	Technology
🕀 Japan (Government Of) #1062 06/06/2022	06-2022	2.31	5.02	-	-
\ominus Apple Inc	-	2.20	7.22	-21.79	Technology
\ominus Alphabet Inc Class C	-	1.75	8.97	-33.54	Communication Svc
① Amazon.com Inc	-	1.68	10.65	-32.22	Consumer Cyclical
⊖ UnitedHealth Group Inc	-	1.33	11.98	1.52	Healthcare
⊖ ConocoPhillips	-	1.24	13.22	47.02	Energy
⊕ Japan (Government Of) #1073 07/25/2022	07-2022	1.21	14.43	-	-
① Mastercard Inc Class A	-	1.02	15.45	-20.46	Financial Services
	_	0.94	16.39	8.88	Energy

Total Holdings 2062

 \oplus Increase \oplus Decrease otin New to Portfolio

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50

BlackRock Inflation Protected Bond Instl BPRIX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 5.63 years.

Style Consistency is not calculated for Fixed Income funds.

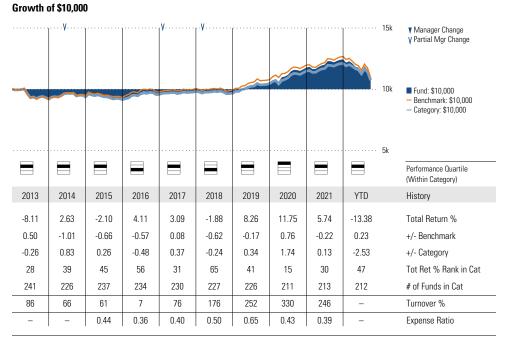
Net Expense: The fund's expense ratio of 0.35 is 40.68% lower than the Inflation-Protected Bond category average.

Morningstar Investment Management LLC Analysis

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

ESG	Metrics	

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022



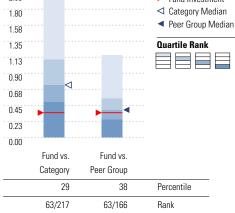
Morningstar Category

Inflation-Protected Bond





Beta



R-Squared 98.80 Standard Deviation 7.13 687 Sharpe Ratio 0.11 0.06 Tracking Error 0.81 Information Ratio 0.48 Up Capture Ratio 103.86 Down Capture Ratio 99.60 **Portfolio Metrics**

	Fund	Bmark	Cat
Avg Eff Duration	6.86	4.52	6.08
Avg Eff Maturity	9.04	-	6.57

1.03

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

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0.91

88.08

6.78

0.10

2.52

-0.20

92.73

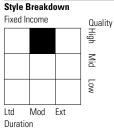
90.87

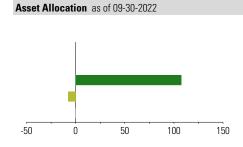
Morningstar Index Bloomberg US Treasury US TIPS TR

USD

BlackRock Inflation Protected Bond Instl BPRIX

Style Analysis as of 09-30-2022





Asset Class Net % Cat% US Stocks 0.15 0.09 Non-US Stocks 0.00 0.00 Bonds 107.38 97.50 Cash -7.54 1.40 Other 0.07 0.95

Sector Weighting as of 09-30-2022

Fund	Bmark	Cat
96.11	0.00	94.89
0.71	99.60	0.55
0.21	0.00	1.01
0.57	0.00	2.40
0.45	0.00	0.41
0.00	0.00	0.24
0.00	0.00	0.11
1.95	0.40	0.39
	96.11 0.71 0.21 0.57 0.45 0.00 0.00	96.11 0.00 0.71 99.60 0.21 0.00 0.57 0.00 0.45 0.00 0.00 0.00 0.00 0.00

Fund	Bmark	Cat	Fund	۲	Ben	chmai	ſk		Cate	egoi	y A	vera	ige					
87.86	-	89.38										-						
2.24	-	0.32																
85.61	-	83.82						-							-			(
0.00	-	0.03																
0.01	-	5.21	0															
1.94	-	2.54																
1.88	-	2.26																
0.00	-	0.18																
0.06	-	0.10	0															
0.00	-	0.00																
2.82	-	4.91																
0.00	-	0.60	0															
0.00	-	0.00																
0.00	-	0.41	0															
0.19	-	0.24																
0.53	-	0.84	0															
2.10	-	2.64																
0.00	-	0.18																
0.00	-	0.02																
7.34	-	2.40																
0.05	-	0.74	0															
	87.86 2.24 85.61 0.00 0.01 1.94 1.88 0.00 0.06 0.00 0.00 0.00 0.00 0.00 0	87.86 - 2.24 - 85.61 - 0.00 - 0.01 - 1.94 - 1.88 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.19 - 0.53 - 2.10 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 -	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.26 0.00 - 0.18 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.41 0.19 - 0.24 0.53 - 0.84 2.10 - 2.64 0.00 - 0.18 0.00 - 0.18	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 0.24 0.53 - 0.84 2.10 - 2.64 0.00 - 0.18 0.00 - 0.18	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.10 0.00 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 0.24 0.53 - 0.84 2.10 - 2.64 0.00 - 0.18 0.00 - 0.18	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.26 1.88 - 2.26 0.00 - 0.10 0.00 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 0.24 0.53 - 0.84 2.10 - 2.64 0.00 - 0.18 0.00 - 0.18	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.84 0.19 - 0.264 0.00 - 0.18 0.00 - 0.18 0.00 - 0.02 1.33 - 0.02 1.34 - 2.40	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.10 0.00 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 0.24 0.53 - 0.84 2.10 - 2.64 0.00 - 0.18 0.00 - 0.02 7.34 - 2.40	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.60 0.00 - 0.84 0.19 - 0.24 0.53 - 0.84 0.00 - 0.18 0.00 - 0.18	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.41 0.19 - 2.64 0.00 - 0.18 0.00 - 0.18 0.00 - 0.18 0.00 - 0.18 0.00 - 0.18 0.00 - 0.18	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.26 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.41 0.19 - 0.24 0.53 - 0.84 2.10 - 2.64 0.00 - 0.18 0.00 - 0.18	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.84 0.19 - 2.64 0.00 - 0.18 0.00 - 0.18 0.00 - 0.18 0.00 - 0.18 0.00 - 0.18 0.00 - 0.02	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 2.64 0.10 - 2.64 0.00 - 0.18 0.00 - 0.18 0.00 - 0.18 0.00 - 0.02	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 2.64 0.19 - 2.64 0.00 - 0.18 0.00 - 0.18 0.00 - 0.18 0.00 - 0.02	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 2.64 0.53 - 0.84 0.00 - 0.18 0.00 - 0.18 0.00 - 0.02 7.34 - 2.40	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 0.24 0.53 - 0.84 0.00 - 0.18 0.00 - 0.02 7.34 - 2.40	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 0.24 0.53 - 0.84 0.00 - 0.18 0.00 - 0.02 7.34 - 2.40	87.86 - 89.38 2.24 - 0.32 85.61 - 83.82 0.00 - 0.03 0.01 - 5.21 1.94 - 2.54 1.88 - 2.26 0.00 - 0.18 0.06 - 0.10 0.06 - 0.10 0.06 - 0.10 0.00 - 0.00 0.00 - 0.00 0.00 - 0.60 0.00 - 0.60 0.00 - 0.41 0.19 - 0.24 0.53 - 0.84 0.00 - 0.18 0.00 - 0.02 0.00 - 0.02 0.00 - 0.02

Total

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 8590$

Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Rrp Treasury (Cpi) Note	_	9.73	9.73	_
\ominus Usd Cash(Alpha Committed)	-	5.92	15.65	-
① United States Treasury Notes 0.125%	01-2030	4.04	19.69	-
⊕ United States Treasury Notes 0.375%	07-2023	3.78	23.47	-
⊕ United States Treasury Notes 0.625%	01-2024	3.61	27.08	-
€ Federal National Mortgage Association 3%	05-2022	3.54	30.62	-
⊕ United States Treasury Notes 0.125%	07-2031	3.42	34.04	-
⊕ United States Treasury Notes 0.625%	04-2023	3.35	37.39	-
⊕ United States Treasury Notes 0.375%	07-2025	3.32	40.71	-
United States Treasury Notes 0.125%	07-2024	3.27	43.98	-

Total Holdings 267

 \oplus Increase \oplus Decrease otin New to Portfolio

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Morningstar Category Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

100.00

100.00

Carillon Eagle Small Cap Growth I HSIIX

Portfolio Manager(s)

Bert Boksen since 05-1993 Eric Mintz since 03-2011 Christopher Sassouni since 03-2015 David Cavanaugh since 06-2022

Quantitative Screens

Performance: The fund has finished in the Small Growth category's top three quartiles in 7 of the 10 years it's been in existence.

Management: The fund's management has been in place for 29.42 years.

Style: The fund has landed in its primary style box — Small Growth - 81.82 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.77 is 35.29% lower than the Small Growth category average.

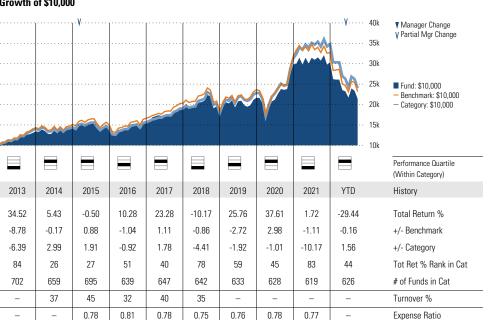
Morningstar Investment Management LLC Analysis

Carillon Eagle Small Cap Growth is being removed from fiduciary coverage. The fund was placed on watch due to weakening performance rankings-its returns for the trailing three- and five-year periods through September 30, 2021, ranked in its category's bottom quartile, a result that was weak even relative to the fund's moderate level of risk. Modestly improved recent performance is consistent with the fund's milder risk characteristics but not strong enough to overcome its longer-term record, which is worse than expected even given the fund's risk attributes. The fund is being removed from coverage

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

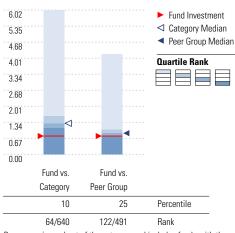




Trailing Performance



Net Expense



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

3-Year Risk Metrics Fund Bmark Cat Alpha 0.41 2.14 0.95 0.95 Reta R-Squared 95.44 91.07 Standard Deviation 25 19 25.97 26.02 Sharpe Ratio 0 22 0 21 0.28 Tracking Error 5 55 7.98 Information Ratio 0.05 0.25 Up Capture Ratio 98.36 99.82 Down Capture Ratio 97.46 94.40

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 20.81 13.92 20.21

3.68	3.41	3.60
3.47	2.37	4.40
14.84	10.03	15.28
	3.47	3.47 2.37

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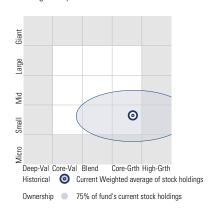
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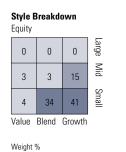
Morningstar Category Small Growth

Morningstar Index Russell 2000 Growth TR USD

Carillon Eagle Small Cap Growth I HSIIX

Style Analysis as of 09-30-2022 Morningstar Style Box™





>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\ominus Viper Energy Partners LP Common Units	3.67	3.67	43.64	Energy
\ominus Quaker Houghton	2.94	6.61	-36.90	Basic Materials
⊖ Everi Holdings Inc	2.93	9.54	-24.03	Consumer Cyclical
⊖ Silicon Laboratories Inc	2.85	12.39	-40.20	Technology
\ominus Ritchie Bros Auctioneers Inc	2.77	15.16	12.77	Industrials
\ominus The Simply Good Foods Co	2.46	17.62	-23.05	Consumer Defensive
\ominus Halozyme Therapeutics Inc	2.39	20.01	-1.67	Healthcare
\ominus Summit Materials Inc A	2.26	22.26	-40.31	Basic Materials
\ominus PJT Partners Inc Class A	2.23	24.50	-8.80	Financial Services
\ominus Landstar System Inc	2.23	26.73	-17.79	Industrials
\ominus Chart Industries Inc	2.17	28.90	15.59	Industrials
\ominus Celsius Holdings Inc	2.03	30.93	21.60	Consumer Defensive
\ominus LPL Financial Holdings Inc	2.03	32.95	36.94	Financial Services
\oplus Evolent Health Inc Class A	1.92	34.87	29.85	Healthcare
\oplus Wingstop Inc	1.91	36.78	-24.80	Consumer Cyclical

Total Holdings 94

 \oplus Increase \oplus Decrease 🕸 New to Portfolio

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

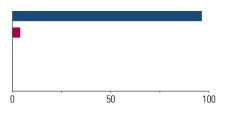
Industrials

Technology

Defensive

Healthcare

Consumer Defensive



Bmark

22.42

4.64

9.56

6.09

2.13

45.97

2.30

6.53

16.49

20.65

31.62

4.53

1.92

25.17

Fund

25.22

5.20

10.85

7.73

1.44

41.61

0.78

4.63

17.67

18.53

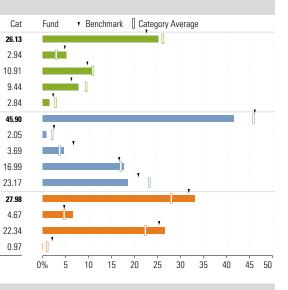
33.16

6.62

26.54

0.00

Asset Class Net % Cat% **US Stocks** 96.20 92.44 Non-US Stocks 3.80 4.23 Bonds 0.00 0.01 Cash 0.00 2.96 0.00 Other 0.37 Total 100.00 100.00





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Morningstar Index

Russell 2000 Growth TR USD

0

Morningstar Category

Small Growth

Delaware Small Cap Value Insti DEVIX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 10.25 years.

Style: The fund has landed in its primary style box — Small Value — 93.94 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.86 is 25.22% lower than the Small Value category average.

Morningstar Investment Management LLC Analysis

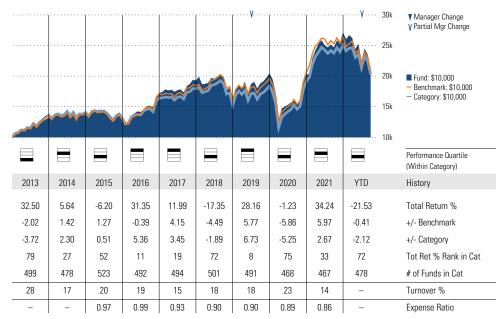
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

Growth of \$10,000

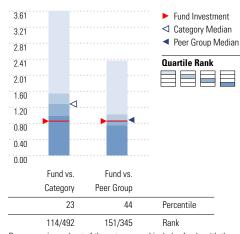
Morningstar Index Russell 2000 Value TR USD



Trailing Performance



ROE



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

Fund Bmark Cat Alpha -0.31 0.96 0.98 Beta 0.99 95.66 **R-Squared** 94.89 Standard Deviation 26.65 26 48 26.98 Sharpe Ratio 0.27 0 28 0.31 Tracking Error 5.57 6.33 Information Ratio -0.09 0.12 Up Capture Ratio 97.26 99.47 Down Capture Ratio 98.52 97.32

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 10.92 8 4 4 9 93 Price/Book Ratio 1.65 1.16 1.45 Geom Avg Mkt Cap \$B 4 26 1 65 3 37

16.45

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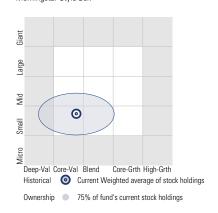


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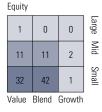
16.19

Delaware Small Cap Value Insti DEVIX

Style Analysis as of 09-30-2022 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
East West Bancorp Inc	2.81	2.81	-13.14	Financial Services
Webster Financial Corp	2.56	5.36	-16.91	Financial Services
Hancock Whitney Corp	2.17	7.54	-6.80	Financial Services
Stifel Financial Corp	2.16	9.70	-25.01	Financial Services
MasTec Inc	2.13	11.82	-31.19	Industrials
WESCO International Inc	2.05	13.87	-9.28	Industrials
Western Alliance Bancorp	1.99	15.87	-37.95	Financial Services
Louisiana-Pacific Corp	1.78	17.65	-33.82	Industrials
F N B Corp	1.68	19.32	-1.40	Financial Services
Umpqua Holdings Corp	1.57	20.89	-7.90	Financial Services
Magnolia Oil & Gas Corp Class A	1.48	22.37	6.57	Energy
Valley National Bancorp	1.47	23.84	-19.05	Financial Services
Berry Global Group Inc	1.45	25.30	-36.93	Consumer Cyclical
Atkore Inc	1.45	26.75	-30.02	Industrials
Black Hills Corp	1.41	28.15	-1.49	Utilities

Total Holdings 105

 \oplus Increase \oplus Decrease otin New to Portfolio

50

Fund

51.41

4.37

10.31

28.67

8.06

37.85

1.30

6.95

18.38

11.22

10.75

2.67

3.90

4.18

Bmark

53.08

3.36

9.92

26 51

13.29

26.23

2.88

5.32

11.49

6.54

20.70

3.44

12.22

5.04

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

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€ Cyclical

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Energy

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Utilities

Asset Class	Net %	Cat%
US Stocks	95.19	94.97
Non-US Stocks	2.61	2.90
Bonds	0.00	0.03
Cash	2.20	2.08
Other	0.00	0.02
Total	100.00	100.00
Total	100.00	100.00

Morningstar Index

Russell 2000 Value TR USD

Morningstar Category

Small Value

100

Cat

50.26

5.71

12.73

24 49

7.33

35.83

1.93

6.56

18.02

9.32

13.92

4.24

6.43

3.25

Benchmark [] Category Average Fund 1 0% 5 10 15 20 25 30 35 40 45 50 55

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Federated Hermes Govt Ultrashort IS FGUSX

Portfolio Manager(s)

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

Quantitative Screens

× *Performance:* The fund has finished in the Ultrashort Bond category's top three quartiles in 6 of the 10 years it's been in existence.

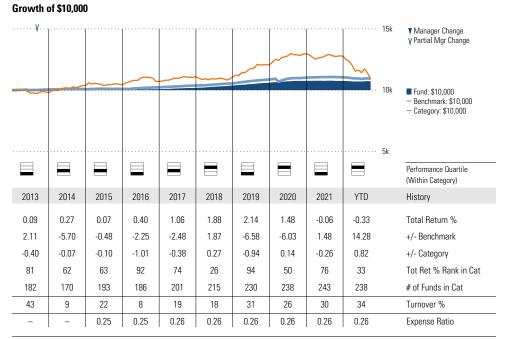
Management: The fund's management has been in place for 25.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is 44.68% lower than the Ultrashort Bond category average.

Morningstar Investment Management LLC Analysis

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

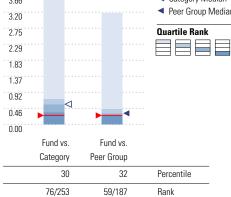


Morningstar Category

Ultrashort Bond







0.12 16.20 Standard Deviation 0.55 5.36 1.88 Sharpe Ratio -0.26 -0.70 -0.23 Tracking Error 5.09 5.17 Information Ratio 0.73 0.69 Up Capture Ratio 12.06 25.28 Down Capture Ratio 1.85 12.13 **Portfolio Metrics** Fund Bmark Cat

Avg Eff Duration	0.36	4.43	0.90
Avg Eff Maturity	2.55	-	2.34

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

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Morningstar Index

Bloomberg US Agg Bond TR USD

Federated Hermes Govt Ultrashort IS FGUSX

Asset Allocation as of 09-30-2022

Style Analysis as of 09-30-2022





Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	43.89
AA	0.00	74.59	6.32
A	0.00	10.82	18.20
BBB	0.00	8.32	21.88
BB	0.00	0.28	1.39
В	0.00	0.00	1.10
Below B	0.00	0.00	0.26
Not Rated	0.00	2.46	6.97

				0%	5	10	15	20	25	30	35 40	45 50
Other	0.00	-	0.09	0								
Cash & Equivalents	38.13	-	26.44									
Municipal	0.00	-	1.00	10								
Covered Bond	0.00	-	0.00	ĺ.								
Asset-Backed	0.00	_	14.82	I.			0					
Commercial MBS	0.00	-	1.26									
Non-Agency Residential MBS	0.00	-	0.40	0								
Agency MBS CMO	45.70	-	3.09									
Agency MBS ARM	0.14	-	0.58	I[]								
Agency MBS Pass-Through	1.68	-	0.50	0								
Securitized	47.52	-	20.65]				
Preferred	0.00	_	0.00	ĺ								
Convertible	0.00	_	4.41	į.	0							
Bank Loan	0.00	_	0.37	0								
Corporate Bond	0.00	_	31.57	i.						[
Corporate	0.00	-	36.35	I								
Other Government Related	0.00	_	4.12	Ì	0							
Agency/Quasi Agency	9.01	-	1.26									
Inflation – Protected	0.00	-	0.00	Ó								
Treasury	5.34	-	9.99			ĺ						
Government	14.35	_	15.37									
	Fund	Bmark	Cat	Fun	d	• Ben	chmark	Ca	ategory	Avera	qe	
Sector Weighting as of 09	3-30-2022											
0 5			100	То							100.00	100.00
				Otł	ner						0.00	2.22

Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Novasc Repo 1 Repo	04-2022	23.03	23.03	_
🕀 Bofam Repo 1 Repo	04-2022	12.06	35.09	-
Government National Mortgage Association 0.74857%	07-2050	6.50	41.59	_
Federal Home Loan Banks 0.4%	06-2024	4.40	45.99	-
\odot Federal National Mortgage Association 0.95657%	08-2059	2.45	48.44	-
⊖ Federal Home Loan Mortgage Corporation 0.90657%	09-2049	2.08	50.52	-
\odot Federal National Mortgage Association 0.90657%	06-2050	2.04	52.55	-
\odot Federal Home Loan Mortgage Corporation 0.90657%	01-2050	1.76	54.31	-
\odot Government National Mortgage Association 2.26188%	03-2067	1.70	56.02	-
igodot Government National Mortgage Association 0.82%	02-2065	1.68	57.70	-

Total Holdings 222

🕀 Increase \ominus Decrease 🕸 New to Portfolio

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Morningstar Category Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

	Asset Class	Net %	Cat%
	US Stocks	0.00	0.00
	Non-US Stocks	0.00	0.00
	Bonds	61.87	70.09
	Cash	38.13	27.70
	Other	0.00	2.22
100	Total	100.00	100.00

Fidelity® Contrafund® FCNTX

Portfolio Manager(s)

William Danoff since 09-1990

Quantitative Screens

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

Management: The fund's management has been in place for 32.06 years.

Style: The fund has landed in its primary style box — Large Growth — 97.06 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.81 is 15.63% lower than the Large Growth category average.

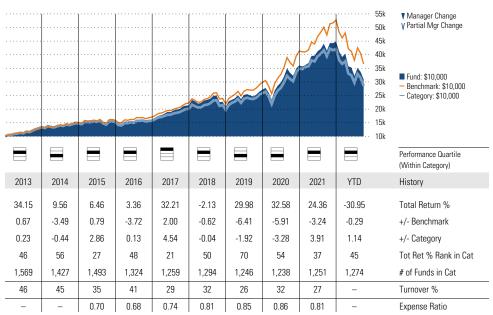
Morningstar Investment Management LLC Analysis

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

ESG Metrics

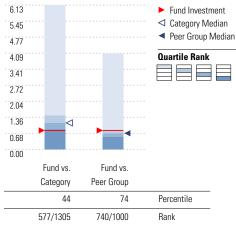
Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022





Trailing Performance





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

of Funds in Category Fund Bmark Cat Alpha -1.88 -3.29 0.92 0.97 Beta 98.08 **R-Squared** 93.15 Standard Deviation 21 47 23 13 23.33 Sharpe Ratio 0.43 0 52 0.37 Tracking Error 3.51 6.09 Information Ratio -0.79 -0.78 Up Capture Ratio 88.01 88.47 Down Capture Ratio 93.24 97.94

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 19.85 23 78 23.27 Price/Book Ratio 3.73 8.32 6.18 Geom Avg Mkt Cap \$B 286.01 240 14 266 70 ROE 30.04 41.06 37.20

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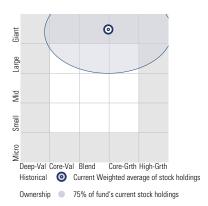
Morningstar Index

Russell 1000 Growth TR USD

Morningstar Category

Fidelity® Contrafund® FCNTX

Style Analysis as of 09-30-2022 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Berkshire Hathaway Inc Class A	8.00	8.00	-9.81	Financial Services
∋ Amazon.com Inc	7.59	15.59	-32.22	Consumer Cyclical
Meta Platforms Inc Class A	6.82	22.41	-59.66	Communication Svc
∋ Microsoft Corp	6.51	28.92	-30.20	Technology
UnitedHealth Group Inc	5.50	34.42	1.52	Healthcare
€ Apple Inc	4.73	39.15	-21.79	Technology
\ni Alphabet Inc Class A	3.30	42.45	-33.97	Communication Svc
\ni Alphabet Inc Class C	2.99	45.44	-33.54	Communication Svc
€ Fidelity Revere Str Tr	2.38	47.83	-	-
Eli Lilly and Co	2.01	49.84	18.13	Healthcare
⊖ NVIDIA Corp	1.98	51.81	-58.69	Technology
Amphenol Corp Class A	1.57	53.38	-22.75	Technology
$oldsymbol{eta}$ Regeneron Pharmaceuticals Inc	1.44	54.82	9.08	Healthcare
ightarrow Costco Wholesale Corp	1.42	56.23	-16.35	Consumer Defensive
\supset Visa Inc Class A	1.34	57.57	-17.50	Financial Services

Total Holdings 332

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Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

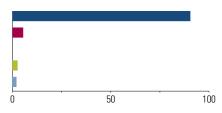
Industrials

Technology

Defensive

Healthcare

Consumer Defensive



Bmark

25.91

1.20

16.68

6 40

1.63

55.67

7.45

1.56

7.55

39.11

18.43

6.26

12.11

0.06

Fund

31.94

2.83

12.60

16.19

0.32

48 49

15.51

5.37

3.92

23 69

19.57

3.73

15.46

0.38

Cat

28.66

1.51

15.69

974

1.72

51.49

9.75

2.32

6.05

33.37

19.86

4.32

14.94

0.60

Asset Class Net % Cat% US Stocks 90.36 93.35 Non-US Stocks 5.30 4.27 Bonds 0.00 0.01 Cash 2.46 2.00 Other 1.89 0.37 Total 100.00 100.00

Morningstar Index

Russell 1000 Growth TR USD

Morningstar Category

Large Growth

Benchmark [] Category Average Fund i î Ì [0% 5 10 15 20 25 30 35 40 45 50 55 60

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PIMCO Income I2 PONPX

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the Multisector Bond category's top three quartiles in 9 of the 10 years it's been in existence.

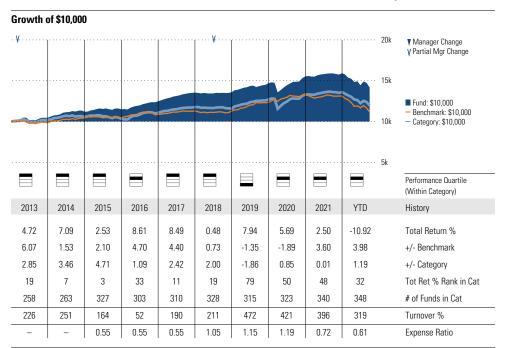
Management: The fund's management has been in place for 15.52 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.61 is 38.38% lower than the Multisector Bond category average.

Morningstar Investment Management LLC Analysis

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



Trailing Performance



Sharpe Ratio

Tracking Error

0.00 Fund vs Fund vs Peer Group Category 21 39 Percentile 74/361 89/230 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.

Information Ratio 0.57 0.32 Up Capture Ratio 115.75 121.01 Down Capture Ratio 78.36 94.57 **Portfolio Metrics** Fund Bmark Cat Avg Eff Duration 2 94 4 55 4.01 Avg Eff Maturity 4.83 7.69 7.95

-0.10

4.87

-0.65

-0.19

6.61

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1.95

1.46

0.98

0.49



Morningstar Category Morningstar Index Multisector Bond

Bloomberg US Universal TR USD

PIMCO Income I2 PONPX

Style Analysis as of 09-30-2022 Style Breakdown Fixed Income Quality High Mid 5

Ltd Mod Ext Duration

А

В

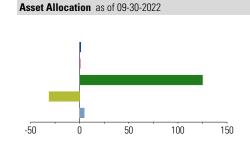
Not Rated

Credit Rating Breakdown Fund Bmark Cat AAA 40.76 67.64 21.84 AA 5.76 3.23 4.26 4.00 10.03 8.50 BBB 16.91 10.89 21.28 BB 18.59 3.19 18.20 4.74 3.64 16.05 Below B 9.24 1.38 5.79

0.00

0.00

4 08



Asset Class Net % Cat% US Stocks 1.12 1.56 Non-US Stocks 0.41 0.18 Bonds 124.99 96.06 Cash -31.14 0.11 Other 4.61 2.08 Total 100.00 100.00

Morningstar Index

Bloomberg US Universal TR USD

Morningstar Category

Multisector Bond

Sector Weighting as of 09-30-2022 Benchmark [] Category Average Fund Bmark Cat Fund Government 26.92 23.86 3.04 8.65 0 Treasurv Inflation - Protected 1.26 0.43 Û 0.21 i I Agency/Quasi Agency 0.96 Other Government Related 22.41 13.82 Corporate 7.38 36.52 _ Corporate Bond 5.00 30.82 Π Bank Loan 1.02 _ 2.84 Convertible 1.08 2.38 Preferred 0 28 ſ. _ 0.48 Securitized 20.33 26.27 _ Agency MBS Pass-Through 8.24 7.83 Agency MBS ARM 0.00 0.00 Agency MBS CMO 0.64 0.61 Non-Agency Residential MBS 3.19 1.59 Commercial MBS 0.20 5.44 Ì 10.80 Asset-Backed 8 06 _ Covered Bond 0.00 0.00 П Municipal 0.04 _ 0.37 **Cash & Equivalents** 24.67 7.42 _ Other 18.58 _ 5.27 0% 5 10 15 20 25 30 35 40

Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
🗱 Cash Offset	_	25.21	25.21	-
🗱 Offset: Unsettled Trades	_	15.76	40.97	-
➔ CDX HY38 5Y ICE	06-2027	9.46	50.44	-
∋ IRO USD 1Y P 1.27000 L 11/02/22 GLM	11-2022	8.85	59.29	-
⇒ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	8.66	67.95	-
⇒ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	8.65	76.60	-
→ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	8.16	84.77	-
→ IRS USD 0.70000 12/14/21-3Y LCH Receive	12-2024	8.16	92.93	-
igodolog 10 Year Treasury Note Future Sept 22	09-2022	7.46	100.38	-
igodologies BRITISH POUND STERLING Sold	08-2022	6.75	107.13	-

Total Holdings 8056

🕀 Increase \ominus Decrease 🗱 New to Portfolio

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Vanguard 500 Index Admiral VFIAX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 6.43 years.

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

Net Expense: The fund's expense ratio of 0.04 is 95% lower than the Large Blend category average.

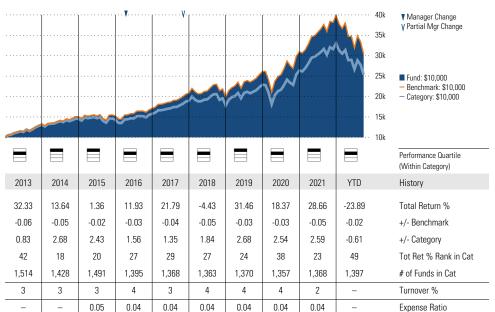
Morningstar Investment Management LLC Analysis

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

ESG Metrics

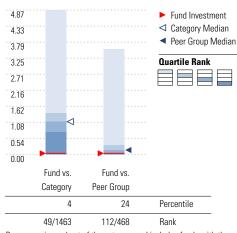
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022





Trailing Performance





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

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha -0.04 -1.32 1 00 0.96 Beta 100.00 **R-Squared** 95.48 Standard Deviation 20.30 20.30 19.87 Sharpe Ratio 0.45 0.45 0.37 Tracking Error 0.01 4.01 Information Ratio -3.65 -0.98 Up Capture Ratio 99.95 92.89 Down Capture Ratio 100.07 97.59

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 19.65 17.98 18.23 Price/Book Ratio 3.73 3.38 3.60 Geom Avg Mkt Cap \$B 182 15 164 20 210.33 ROE 32.18 31.94 32.91

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Morningstar Index

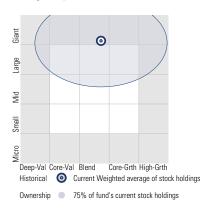
Morningstar Category

Large Blend

S&P 500 TR USD

Vanguard 500 Index Admiral VFIAX

Style Analysis as of 09-30-2022 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.20	7.20	-21.79	Technology
€ Microsoft Corp	5.83	13.03	-30.20	Technology
€ Amazon.com Inc	3.30	16.33	-32.22	Consumer Cyclical
🕀 Tesla Inc	2.07	18.40	-24.70	Consumer Cyclical
	1.93	20.33	-33.97	Communication Svc
🕀 Alphabet Inc Class C	1.80	22.13	-33.54	Communication Svc
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.51	23.64	-10.70	Financial Services
Đ UnitedHealth Group Inc	1.45	25.10	1.52	Healthcare
Đ Johnson & Johnson	1.26	26.36	-2.57	Healthcare
	1.20	27.56	47.00	Energy
➔ NVIDIA Corp	1.13	28.69	-58.69	Technology
Deta Platforms Inc Class A	1.11	29.80	-59.66	Communication Svc
m lacksquare JPMorgan Chase & Co	1.00	30.79	-32.11	Financial Services
Đ Procter & Gamble Co	0.99	31.78	-21.17	Consumer Defensive
m lacksquare Visa Inc Class A	0.97	32.75	-17.50	Financial Services

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

50

Fund

29.27

2.25

11.21

12.96

2.85

46.26

8.42

4.68

8.47

24 69

24.48

7.19

14.16

3.13

Bmark

29.69

2.24

11.44

13 11

2.90

44.73

8.07

4.55

8.32

23.79

25.58

7.33

15.18

3.07

100

Total Holdings 506

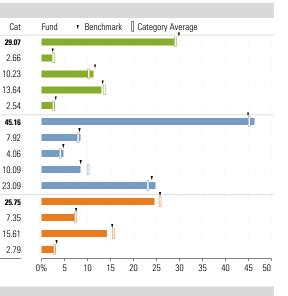
⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Morningstar Category Morningstar Index 📕 Large Blend S&P 500 TR USD

Asset Class	Net %	Cat%
US Stocks	98.23	94.84
Non-US Stocks	0.99	2.67
Bonds	0.00	0.87
Cash	0.77	0.53
Other	0.00	1.09
Total	100.00	100.00



Vanguard Developed Markets Index Admiral VTMGX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 9.61 years.

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

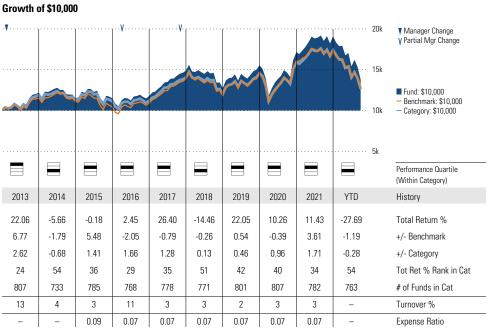
Net Expense: The fund's expense ratio of 0.07 is 92.47% lower than the Foreign Large Blend category average.

Morningstar Investment Management LLC Analysis

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

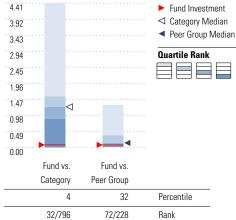
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022



Trailing Performance





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

20	-	% Ra	ink in Catego	ory
425	-	# of F	unds in Cate	egory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		0.53	-	0.08
Beta		1.06	-	1.01
R-Squared		96.96	-	93.77
Standard Devia	ition	19.95	18.48	19.26
Sharpe Ratio		0.00	-0.03	-0.02
Tracking Error		3.67	-	4.83
Information Ra	tio	0.07	-	-0.01
Up Capture Rat	io	108.74	-	103.08
Down Capture	Ratio	106.85	-	103.04

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.82	11.06	11.27
Price/Book Ratio	1.46	1.49	1.51
Geom Avg Mkt Cap \$B	25.35	34.91	41.65
ROE	17.20	18.13	20.02

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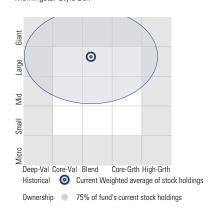


Morningstar Category Morningstar Index Foreign Large Blend

MSCI ACWI Ex USA NR USD

Vanguard Developed Markets Index Admiral VTMGX

Style Analysis as of 09-30-2022 Morningstar Style Box™





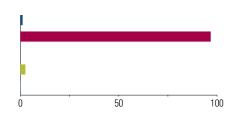


Weight %

<25

>50 25-50 10-25 0-10

World Regions % Equity 09-30-2022

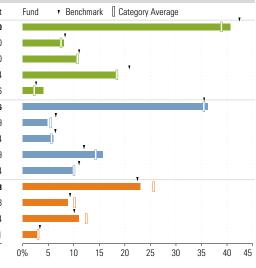


Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat
Դ	Cyclical	40.66	42.29	38.90
æ.	Basic Materials	8.06	8.16	7.50
	Consumer Cyclical	10.40	10.91	10.70
ц.	Financial Services	18.18	20.73	18.44
ŵ	Real Estate	4.02	2.49	2.26
V.	Sensitive	36.25	35.38	35.46
	Communication Services	4.84	6.35	5.49
0	Energy	5.99	6.26	5.64
¢	Industrials	15.66	11.87	14.29
	Technology	9.76	10.90	10.04
	Defensive	23.08	22.32	25.63
F	Consumer Defensive	8.85	9.14	10.18
٠	Healthcare	11.02	9.95	12.44
9	Utilities	3.21	3.23	3.01

Asset Class Net % Cat% US Stocks 0.94 2.94 Non-US Stocks 96.65 94.78 Bonds 0.00 0.62 Cash 2.32 0.82 Other 0.08 0.83	Total	100.00	100.00
US Stocks 0.94 2.94 Non-US Stocks 96.65 94.78 Bonds 0.00 0.62	Other	0.08	0.83
US Stocks 0.94 2.94 Non-US Stocks 96.65 94.78	Cash	2.32	0.82
US Stocks 0.94 2.94	Bonds	0.00	0.62
	Non-US Stocks	96.65	94.78
Asset Class Net % Cat%	US Stocks	0.94	2.94
	Asset Class	Net %	Cat%



	Greater Asia	Fund % 37.33	Cat % 36.02	Americas	Fund % 11.52	Cat % 9.12	Greater Europe	Fund % 51.16	Cat % 54.87	Market Maturity	Fund %
	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	21.06 7.63 8.36 0.28	18.20 5.40 6.89 5.53	North America Central/Latin	11.42 0.10	7.95 1.17	United Kingdom W euro-ex UK Emrgng Europe Africa	12.33 37.80 0.23 0.80	13.86 39.70 0.06 1.25	Developed Markets Emerging Markets Not Available	99.38 0.62 0.00
>75	Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2022

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.69	1.69	-14.55	Consumer Defensive
∋ Slcmt1142	1.31	3.00	_	-
$oldsymbol{eta}$ Roche Holding AG	1.16	4.16	-13.08	Healthcare
\oplus Samsung Electronics Co Ltd	1.09	5.25	_	Technology
€ Shell PLC	1.04	6.29	42.21	Energy
🕀 AstraZeneca PLC	1.00	7.30	17.14	Healthcare
\oplus ASML Holding NV	0.98	8.27	-37.96	Technology
Đ Toyota Motor Corp	0.95	9.23	-9.84	Consumer Cyclical
€ Novartis AG	0.88	10.10	-3.41	Healthcare
Đ Novo Nordisk A/S Class B	0.87	10.98	4.70	Healthcare

Total Holdings 4132

 \oplus Increase \oplus Decrease R New to Portfolio

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Morningstar Category

Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

Vanguard Mid Cap Index Admiral VIMAX

Portfolio Manager(s)

Donald Butler since 05-1998 Awais Khan since 07-2021

Quantitative Screens

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

Management: The fund's management has been in place for 24.38 years.

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

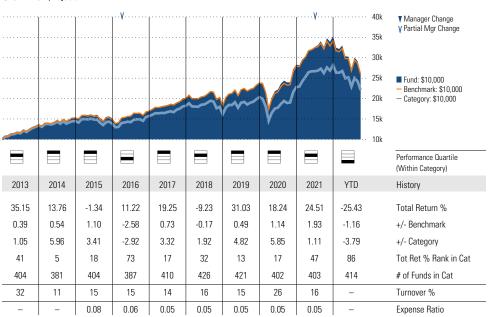
Net Expense: The fund's expense ratio of 0.05 is 94.68% lower than the Mid-Cap Blend category average.

Morningstar Investment Management LLC Analysis

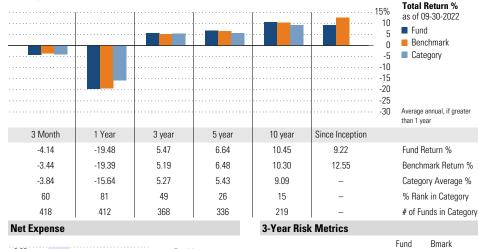
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

ESG Metrics

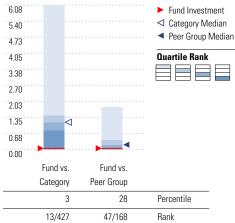
Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022



Trailing Performance



ROE



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

Cat Alpha 0.31 0.15 Beta 0.97 0.98 99.56 **R-Squared** 94.20 Standard Deviation 22 73 23 07 22.99 Sharpe Ratio 0.32 0.31 0.30 Tracking Error 1.55 5.52 Information Ratio 0.18 -0.08 Up Capture Ratio 99.01 96.48 Down Capture Ratio 97.92 96.46

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 18 56 14 93 13 39 Price/Book Ratio 2.96 2.43 2.27 Geom Avg Mkt Cap \$B 23 27 15 74 8 75

19.69

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19.06

19.31

Morningstar Index

Morningstar Category

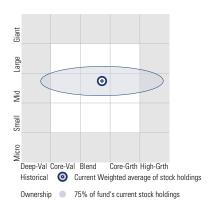
Mid-Cap Blend

Russell Mid Cap TR USD

Growth of \$10,000

Vanguard Mid Cap Index Admiral VIMAX

Style Analysis as of 09-30-2022 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

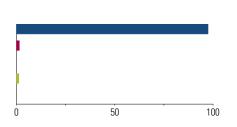
Top 15 Holdings as of 09-30-2022

Top 13 Holdings as of 03-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Synopsys Inc	0.89	0.89	-17.09	Technology
\ominus Centene Corp	0.86	1.75	-5.57	Healthcare
eq Cadence Design Systems Inc	0.81	2.57	-12.30	Technology
\ominus Amphenol Corp Class A	0.73	3.30	-22.75	Technology
⇒ IQVIA Holdings Inc	0.72	4.02	-35.80	Healthcare
\ominus Realty Income Corp	0.71	4.73	-15.60	Real Estate
ightarrow Corteva Inc	0.66	5.39	21.79	Basic Materials
∋ Devon Energy Corp	0.66	6.04	45.18	Energy
\ni Motorola Solutions Inc	0.63	6.68	-16.69	Technology
⇒ Welltower OP LLC	0.62	7.30	-22.88	Real Estate
⊖ Enphase Energy Inc	0.61	7.91	51.67	Technology
\ni Microchip Technology Inc	0.61	8.51	-28.95	Technology
\ominus Digital Realty Trust Inc	0.60	9.11	-41.86	Real Estate
€ Slcmt1142	0.60	9.71	-	-
∋ Arthur J. Gallagher & Co	0.60	10.30	1.82	Financial Services

Total Holdings 367

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Bmark

38.83

4.80

12.03

13 46

8.54

40.85

4.04

5.05

14.89

16.87

20.31

4.00

10.49

5.82

Fund

36.14

4.84

9.65

11.40

10.25

40.97

4.28

5.31

12.09

19.29

22.91

4.16

12.15

6.60

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

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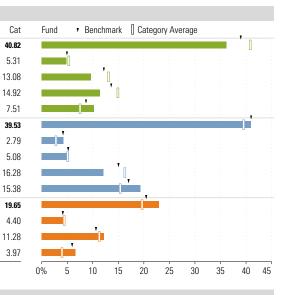
Energy

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F

Utilities

Asset Class Net % Cat% **US Stocks** 97.44 95.83 Non-US Stocks 1.41 1.74 Bonds 0.00 0.00 Cash 1.15 1.84 0.00 Other 0.60 Total 100.00 100.00





Morningstar Category Morningstar Index Mid-Cap Blend

Russell Mid Cap TR USD

Vanguard Real Estate Index Admiral VGSLX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 26.4 years.

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

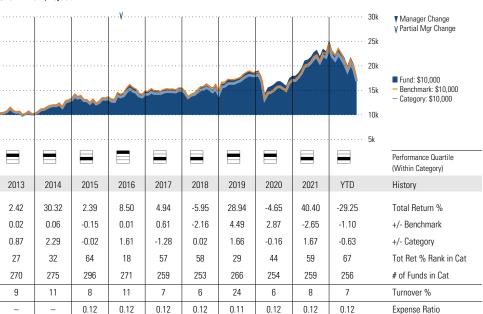
Net Expense: The fund's expense ratio of 0.12 is 88.35% lower than the Real Estate category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

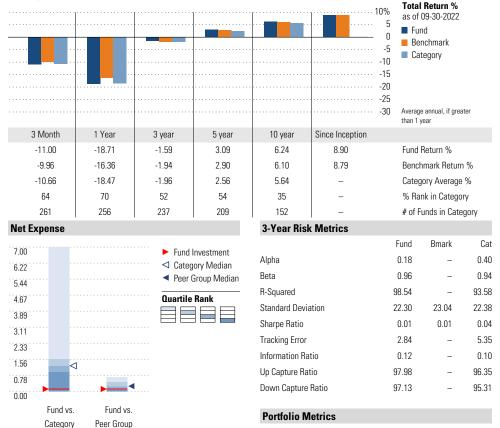
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Real Estate

Trailing Performance



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

19/49

40

Percentile

Rank

Fund Bmark Cat Price/Earnings Ratio 27.45 38 46 26.25 Price/Book Ratio 2.48 2.42 2.16 Geom Avg Mkt Cap \$B 21 81 935 25.36 ROE 15.56 9.56 17.30

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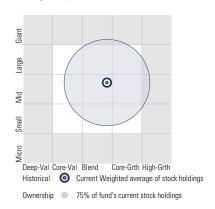
Morningstar Index

S&P United States REIT TR USD

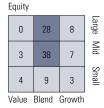


Vanguard Real Estate Index Admiral VGSLX

Style Analysis as of 09-30-2022 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2022

0	50	100

0.00 0.79 0.00	4.15 2.36 8.16
0.00	4.15
0.04	1.44
99.17	83.90
Net %	Cat%
	99.17 0.04

Morningstar Index

S&P United States REIT TR USD

Morningstar Category

Real Estate

Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

	Fund	Bmark	Cat	Fund	,	Be	nchma	rk	[] C	ateg	ory a	Ave	rage	9		
Cyclical	99.41	99.13	99.29													
Basic Materials	0.00	0.00	0.06	ĺ												
Consumer Cyclical	0.00	0.13	0.92	0												
Financial Services	0.00	0.00	0.25	Ó												
Real Estate	99.41	99.00	98.06				<u> </u>									
Sensitive	0.59	0.87	0.68	[
Communication Services	0.54	0.00	0.13													
Energy	0.00	0.00	0.02													
Industrials	0.00	0.87	0.24	I												
Technology	0.05	0.00	0.29													
Defensive	0.00	0.00	0.03													
Consumer Defensive	0.00	0.00	0.00													
Healthcare	0.00	0.00	0.01													
Utilities	0.00	0.00	0.02	Í.												

 $^{0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9{\}color{red}500}$

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	11.71	11.71	_	_
\oplus American Tower Corp	7.39	19.09	-25.63	Real Estate
\oplus Prologis Inc	5.87	24.96	-38.25	Real Estate
\oplus Crown Castle Inc	4.71	29.68	-28.64	Real Estate
① Equinix Inc	3.81	33.49	-31.65	Real Estate
\oplus Public Storage	3.33	36.82	-16.71	Real Estate
\oplus Realty Income Corp	2.62	39.43	-15.60	Real Estate
\ominus SBA Communications Corp	2.23	41.67	-26.28	Real Estate
⊕ Welltower OP LLC	2.14	43.81	-22.88	Real Estate
\oplus Digital Realty Trust Inc	2.13	45.94	-41.86	Real Estate
🕀 Simon Property Group Inc	2.08	48.02	-40.63	Real Estate
\oplus AvalonBay Communities Inc	1.79	49.81	-25.19	Real Estate
\oplus VICI Properties Inc Ordinary Shares	1.78	51.59	2.82	Real Estate
\oplus Extra Space Storage Inc	1.70	53.29	-21.84	Real Estate
	1.64	54.93	-37.78	Real Estate

Total Holdings 171

 \oplus Increase \ominus Decrease R New to Portfolio



Vanguard Target Retirement 2020 Fund VTWNX

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 9.61 years.

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

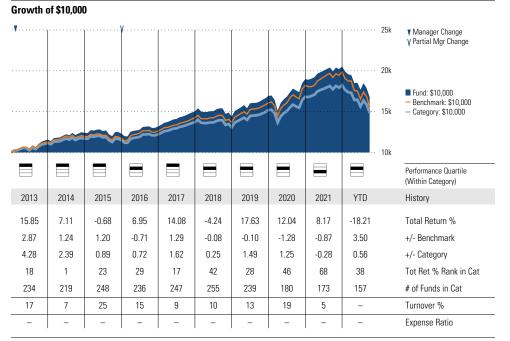
Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2020 category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

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

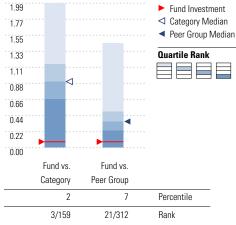


Morningstar Category

Target-Date 2020

Trailing Performance





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

Cat Alpha 0.94 0.49 0.90 0.91 Beta 98.34 **R-Squared** 96.55 Standard Deviation 10.98 12.06 11.16 Sharpe Ratio 0.10 0.02 0.06 Tracking Error 1.83 2.40 Information Ratio 0.54 0.26 Up Capture Ratio 92.96 91.63 Down Capture Ratio 87.00 88.58

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.53	14.18	14.40
Price/Book Ratio	2.29	2.10	2.20
Avg Eff Duration	6.19	-	5.74

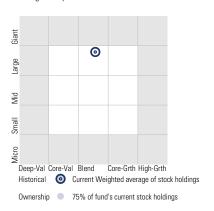
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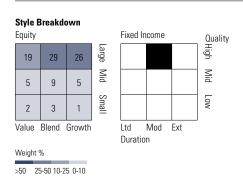


Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Vanguard Target Retirement 2020 Fund VTWNX

Style Analysis as of 09-30-2022 Morningstar Style Box™





Other		
Other	0.50	8.25
Cash	3.13	2.84
Bonds	53.01	49.67
Non-US Stocks	16.96	14.05
US Stocks	26.39	25.18
Asset Class	Net %	Cat%

Morningstar Category

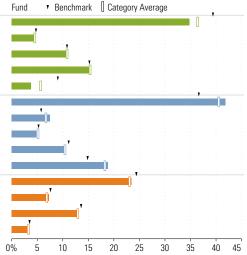
Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fund
Դ	Cyclical	34.77	39.26	36.39	
æ.	Basic Materials	4.74	4.61	4.53	
A	Consumer Cyclical	10.77	10.69	10.84	
"	Financial Services	15.47	15.07	15.35	
ŵ	Real Estate	3.79	8.89	5.67	
w	Sensitive	41.83	36.49	40.53	
d	Communication Services	7.47	5.63	6.70	
0	Energy	4.86	5.12	5.15	
Ø	Industrials	10.66	11.02	10.43	
	Technology	18.84	14.72	18.25	
	Defensive	23.40	24.26	23.08	
F	Consumer Defensive	7.31	7.45	6.88	
٠	Healthcare	12.95	13.45	12.94	
9	Utilities	3.14	3.36	3.26	



Top 7 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	30.43	30.43	-	_
\oplus Vanguard Total Stock Mkt ldx Instl PIs	-	26.82	57.25	_	-
\oplus Vanguard Total Intl Stock Index Inv	-	17.38	74.63	-	-
⊖ Vanguard Total Intl Bd II Idx Insl	-	13.73	88.36	-	-
igodot Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	10.29	98.65	-	-
⊕ Mktliq 12/31/2049	-	1.28	99.93	-	-
🕀 Us Dollar	-	0.07	100.00	_	-

Total Holdings 7

 \oplus Increase \ominus Decrease R New to Portfolio



Vanguard Target Retirement 2025 Fund VTTVX

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 9.61 years.

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

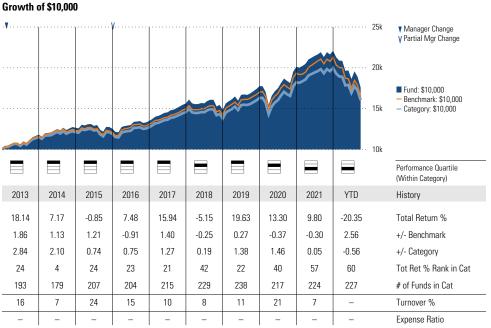
Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2025 category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

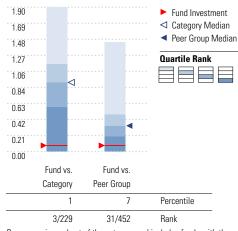


Morningstar Category

Target-Date 2025

Trailing Performance





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

Fund Bmark Cat Alpha 0.75 1.11 0.91 Beta 0.96 98.69 **R-Squared** 97.24 Standard Deviation 12 78 13 21 12 18 Sharpe Ratio 0.12 0.04 0.09 Tracking Error 1.55 2.51 Information Ratio 0.73 0.39 Up Capture Ratio 100.04 93.65 Down Capture Ratio 93.74 89.36

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 15 52 14 04 14.57 Price/Book Ratio 2.29 2.08 2.25 Avg Eff Duration 671 6 68

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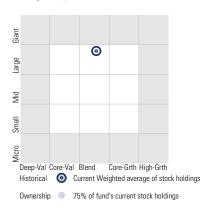


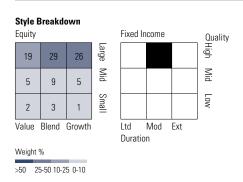
Morningstar Index Morningstar Lifetime Mod 2025 TR

USD

Vanguard Target Retirement 2025 Fund VTTVX

Style Analysis as of 09-30-2022 Morningstar Style Box™





0.45	11.77
2.74	3.36
42.02	38.70
21.49	15.10
33.30	31.08
Net %	Cat%
	33.30 21.49 42.02

Morningstar Category

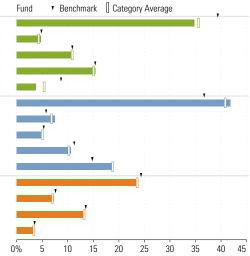
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat
Դ	Cyclical	34.81	39.22	35.59
æ.	Basic Materials	4.76	4.70	4.30
	Consumer Cyclical	10.78	10.75	10.86
ц.	Financial Services	15.46	15.23	15.05
ŵ	Real Estate	3.81	8.54	5.38
w	Sensitive	41.80	36.56	40.84
g	Communication Services	7.47	5.62	6.82
0	Energy	4.85	5.15	5.02
¢	Industrials	10.65	11.13	10.22
	Technology	18.83	14.66	18.78
	Defensive	23.39	24.21	23.57
F	Consumer Defensive	7.30	7.46	7.02
٠	Healthcare	12.94	13.38	13.19
Ç	Utilities	3.15	3.37	3.36
-				



Top 7 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Vanguard Total Stock Mkt ldx Instl PIs	_	33.84	33.84	_	-
\ni Vanguard Total Bond Market II Idx Inv	-	27.56	61.40	-	-
\oplus Vanguard Total Intl Stock Index Inv	-	22.02	83.42	-	-
\ominus Vanguard Total Intl Bd II Idx Insl	-	12.32	95.74	-	-
\oplus Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	3.08	98.82	-	-
€ Mktliq 12/31/2049	_	1.16	99.99	-	-
🕀 Us Dollar	_	0.01	100.00	_	_

Total Holdings 7

 \oplus Increase \oplus Decrease R New to Portfolio



Vanguard Target Retirement 2030 Fund VTHRX

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 9.61 years.

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

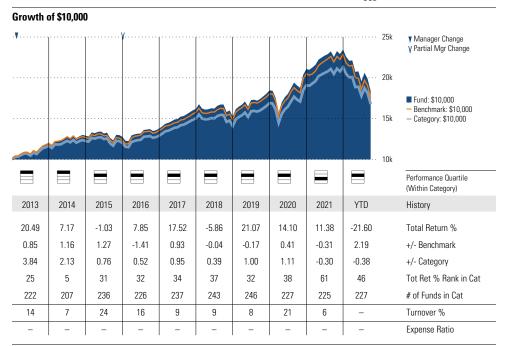
Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2030 category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

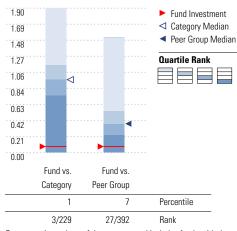


Morningstar Category

Target-Date 2030

Trailing Performance





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

Fund Bmark Cat Alpha 1.16 1.01 0.96 0.94 Beta **R-Squared** 99.18 98.16 Standard Deviation 14 11 14 65 13.83 Sharpe Ratio 0.15 0.07 0.14 Tracking Error 1.41 2.26 Information Ratio 0.84 0.53 Up Capture Ratio 100.00 97.46 94.04 92.27 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.50	13.89	14.73
Price/Book Ratio	2.29	2.05	2.30
Avg Eff Duration	7.02	_	6.88

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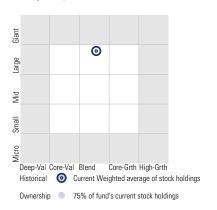


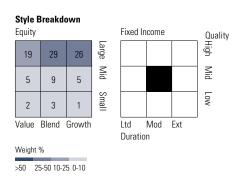
Morningstar Index Morningstar Lifetime Mod 2030 TR USD

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Vanguard Target Retirement 2030 Fund VTHRX

Style Analysis as of 09-30-2022 Morningstar Style Box™





Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

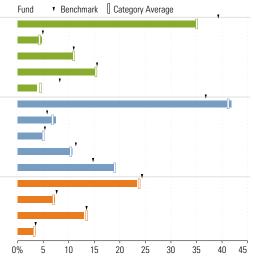
Total	100.00	100.00
Other	0.39	10.37
Cash	2.69	2.22
Bonds	34.01	30.40
Non-US Stocks	24.81	18.16
US Stocks	38.10	38.85
Asset Class	Net %	Cat%

Morningstar Category

Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

Fund Bmark Cat Դ Cyclical 34.82 35.03 39.12 ÷. Basic Materials 4.77 4.79 4.27 A **Consumer Cyclical** 10.78 10.83 10.97 **L Financial Services** 15.48 15.40 15.31 ŵ Real Estate 3.79 8.10 4.48 Sensitive ~ 41.79 36.68 41.20 đ **Communication Services** 7.46 5.62 6.83 Energy 4.86 5.19 5.00 ¢ Industrials 10.67 11.25 10.38 18.80 14.62 Technology 18.99 23.39 24.20 23.77 Defensive **Consumer Defensive** 7.32 7.49 7.01 Healthcare 12.93 13.34 13.51 Utilities 3.14 3.37 3.25



Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Vanguard Total Stock Mkt Idx Instl PIs	_	38.71	38.71	_	_
\oplus Vanguard Total Intl Stock Index Inv	-	25.43	64.13	_	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	23.97	88.10	_	-
⊖ Vanguard Total Intl Bd II Idx Insl	-	10.71	98.81	_	-
① Mktliq 12/31/2049	-	1.18	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	-	-

Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Vanguard Target Retirement 2035 Fund VTTHX

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 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 9.61 years.

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

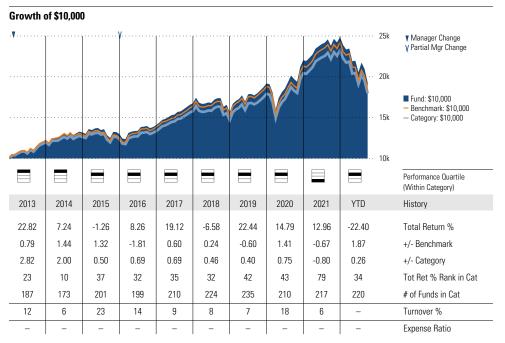
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2035 category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

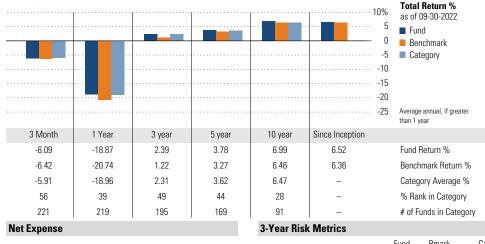
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

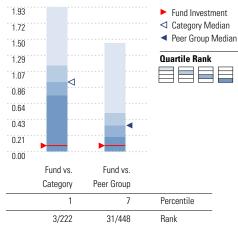


Morningstar Category

Target-Date 2035

Trailing Performance





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	1.15	-	1.12
Beta	0.94	-	0.96
R-Squared	99.42	-	98.55
Standard Deviation	15.35	16.24	15.63
Sharpe Ratio	0.19	0.12	0.18
Tracking Error	1.50	-	2.15
Information Ratio	0.78	-	0.61
Up Capture Ratio	97.84	-	99.42
Down Capture Ratio	92.49	-	94.36

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.49	13.74	14.52
Price/Book Ratio	2.28	2.03	2.26
Avg Eff Duration	7.02	-	7.30

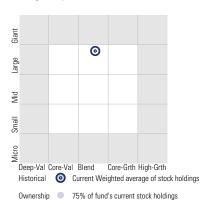
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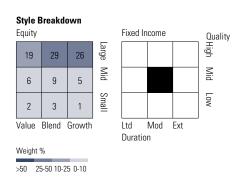


Morningstar Index Morningstar Lifetime Mod 2035 TR USD

Vanguard Target Retirement 2035 Fund VTTHX

Style Analysis as of 09-30-2022 Morningstar Style Box™





2.82 0.32	2.49 10.99
2.82	2.49
26.89	20.13
27.73	22.05
42.24	44.34
Net %	Cat%
	42.24 27.73

Morningstar Category

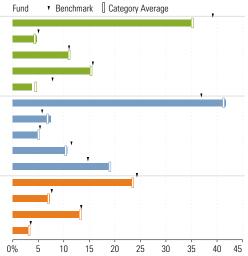
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat
Դ	Cyclical	34.85	39.03	35.22
æ.	Basic Materials	4.77	4.91	4.32
A	Consumer Cyclical	10.78	10.90	11.05
a	Financial Services	15.50	15.56	15.35
ħ	Real Estate	3.80	7.66	4.50
w,	Sensitive	41.78	36.79	41.27
	Communication Services	7.46	5.63	6.82
•	Energy	4.86	5.21	5.05
¢	Industrials	10.68	11.36	10.38
	Technology	18.78	14.59	19.02
-	Defensive	23.37	24.18	23.51
F	Consumer Defensive	7.31	7.51	7.01
٠	Healthcare	12.92	13.28	13.28
2	Utilities	3.14	3.39	3.22



Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Vanguard Total Stock Mkt Idx Instl PIs	_	42.92	42.92	_	_
\oplus Vanguard Total Intl Stock Index Inv	-	28.42	71.33	-	-
\ominus Vanguard Total Bond Market II ldx Inv	-	18.94	90.27	-	-
\ominus Vanguard Total Intl Bd II Idx Insl	-	8.48	98.75	-	-
⊕ Mktliq 12/31/2049	-	1.24	99.98	-	-
🕀 Us Dollar	_	0.02	100.00	_	_

Total Holdings 6



Vanguard Target Retirement 2040 Fund VFORX

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 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 9.61 years.

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

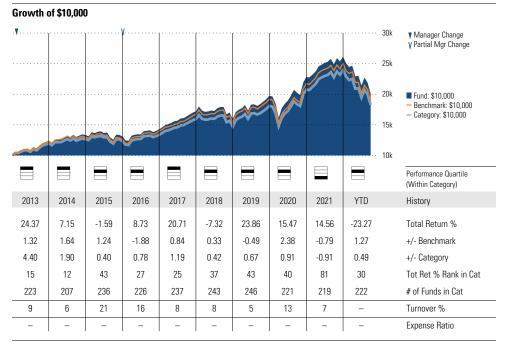
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2040 category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

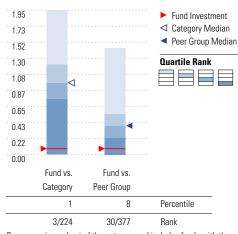


Morningstar Category

Target-Date 2040

Trailing Performance





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

Fund Bmark Cat Alpha 1.13 0.99 0.94 0.96 Beta _ 99.37 **R-Squared** 98.62 Standard Deviation 16 61 17 64 16.98 Sharpe Ratio 0.22 0 15 0.21 Tracking Error 1.70 2.22 Information Ratio 0.66 0.52 Up Capture Ratio 97.42 99.30 92.61 95.19 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.49	13.60	14.46
Price/Book Ratio	2.28	2.01	2.23
Avg Eff Duration	7.02	-	7.75

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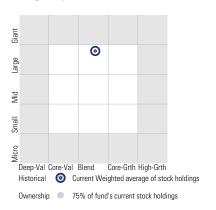


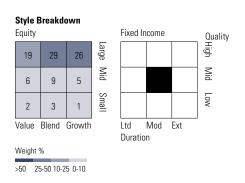
Morningstar Index Morningstar Lifetime Mod 2040 TR



Vanguard Target Retirement 2040 Fund VFORX

Style Analysis as of 09-30-2022 Morningstar Style Box™





Outor		
Other	0.24	9.14
Cash	2.92	1.94
Bonds	19.72	12.64
Non-US Stocks	30.55	25.79
US Stocks	46.57	50.48
Asset Class	Net %	Cat%

Morningstar Category

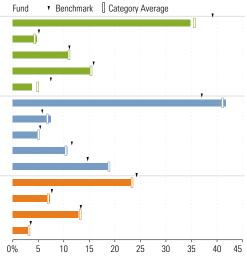
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fu
Դ	Cyclical	34.84	38.99	35.56	
æ.	Basic Materials	4.77	5.00	4.31	
	Consumer Cyclical	10.78	10.96	11.01	
ц.	Financial Services	15.49	15.70	15.33	
ŵ	Real Estate	3.80	7.33	4.91	
w	Sensitive	41.78	36.87	41.07	
	Communication Services	7.46	5.65	6.79	
0	Energy	4.86	5.24	5.03	
¢	Industrials	10.68	11.44	10.41	
	Technology	18.78	14.54	18.84	
	Defensive	23.38	24.12	23.36	
F	Consumer Defensive	7.32	7.53	6.96	
٠	Healthcare	12.91	13.20	13.22	
9	Utilities	3.15	3.39	3.18	
					~~~



### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl Pls	_	47.32	47.32	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	31.31	78.62	-	-
$\ominus$ Vanguard Total Bond Market II ldx Inv	-	13.91	92.53	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	6.19	98.72	-	-
① Mktliq 12/31/2049	-	1.28	100.00	-	-
🕀 Us Dollar	-	0.00	100.00	-	_

### Total Holdings 6



### Vanguard Target Retirement 2045 Fund VTIVX

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 9.61 years.

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

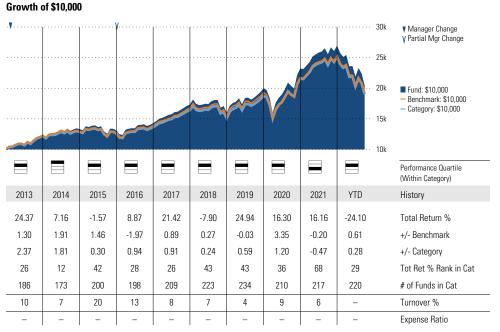
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2045 category average.

### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

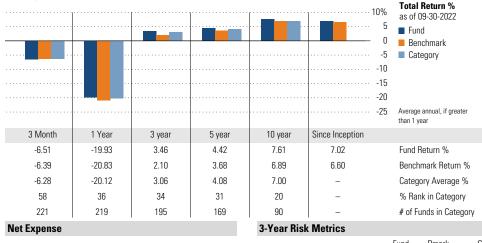
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

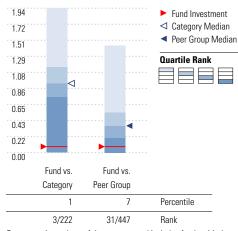


Morningstar Category

Target-Date 2045

### **Trailing Performance**





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

Fund Bmark Cat Alpha 1.34 0.94 0.96 0.96 Beta 99.29 **R-Squared** 98.56 Standard Deviation 17 88 18 49 17 85 Sharpe Ratio 0.24 0 17 0.22 Tracking Error 1.65 2.27 Information Ratio 0.82 0.46 Up Capture Ratio 100.58 99.60 Down Capture Ratio 95.21 95.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.50	13.48	14.46
Price/Book Ratio	2.29	1.98	2.22
Avg Eff Duration	7.03	-	8.50

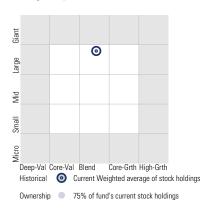
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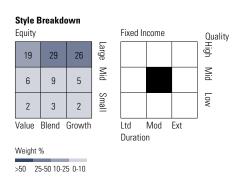


Morningstar Index Morningstar Lifetime Mod 2045 TR USD

# Vanguard Target Retirement 2045 Fund VTIVX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





# 

Other	0.16	9.50
Cash	3.05	2.06
Bonds	12.46	7.20
Non-US Stocks	33.31	27.82
US Stocks	51.01	53.41
Asset Class	Net %	Cat%

Morningstar Category

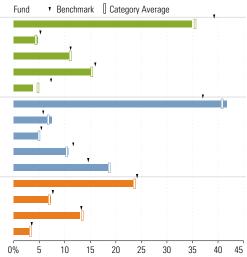
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Func
Դ	Cyclical	34.86	39.10	35.50	
Å.	Basic Materials	4.77	5.09	4.35	
A	Consumer Cyclical	10.79	11.00	11.10	
ц <u>ф</u>	Financial Services	15.49	15.83	15.29	
ŵ	Real Estate	3.81	7.18	4.76	
w,	Sensitive	41.78	36.89	40.81	
d	Communication Services	7.46	5.64	6.77	
0	Energy	4.86	5.27	4.95	
¢	Industrials	10.67	11.52	10.38	
	Technology	18.79	14.46	18.71	
-	Defensive	23.37	24.02	23.68	
F	Consumer Defensive	7.31	7.53	6.98	
٠	Healthcare	12.92	13.10	13.43	
9	Utilities	3.14	3.39	3.27	



### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	-	51.83	51.83	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	34.14	85.97	_	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	8.72	94.69	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	3.98	98.67	_	-
⊕ Mktliq 12/31/2049	-	1.30	99.97	-	-
🕀 Us Dollar	_	0.03	100.00	-	_

### Total Holdings 6



### Vanguard Target Retirement 2050 Fund VFIFX

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 9.61 years.

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

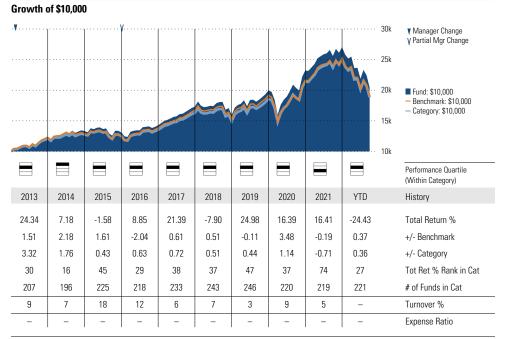
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2050 category average.

### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

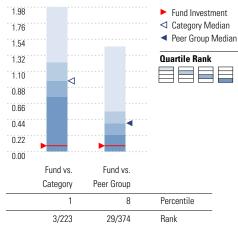


Morningstar Category

Target-Date 2050

### **Trailing Performance**





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

Fund Bmark Cat Alpha 1.24 0.88 0.95 0.96 Beta 99.21 **R-Squared** 98.48 Standard Deviation 18 01 18 81 18 21 Sharpe Ratio 0.24 0 17 0.22 Tracking Error 1.82 2.30 Information Ratio 0.68 0.40 Up Capture Ratio 99.71 99.91 Down Capture Ratio 94.84 96.52

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.49	13.38	14.44
Price/Book Ratio	2.28	1.96	2.21
Avg Eff Duration	7.03	-	8.14

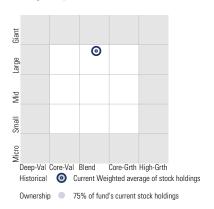
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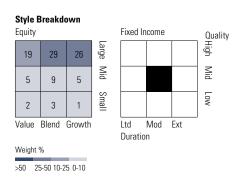


Morningstar Index Morningstar Lifetime Mod 2050 TR USD

# Vanguard Target Retirement 2050 Fund VFIFX

Style Analysis as of 09-30-2022 Morningstar Style Box™





# 

3.03 0.13	2.07 8.36
3.03	2.07
9.51	4.93
34.61	28.97
52.72	55.67
Net %	Cat%
	52.72 34.61

Morningstar Category

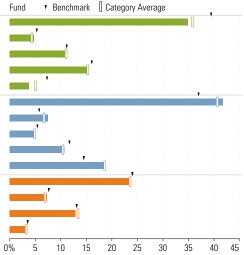
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fund	۲	Ben
Դ	Cyclical	34.85	39.29	35.76			
æ.	Basic Materials	4.78	5.17	4.35			
A	Consumer Cyclical	10.78	11.02	11.04			
цů	Financial Services	15.49	15.93	15.30			
ŵ	Real Estate	3.80	7.17	5.07		0	
w,	Sensitive	41.77	36.83	40.66			
	Communication Services	7.45	5.63	6.72			
0	Energy	4.86	5.28	4.92		]	
¢	Industrials	10.68	11.56	10.41			]
	Technology	18.78	14.36	18.61			
<b>→</b>	Defensive	23.38	23.88	23.56			_
1	Consumer Defensive	7.32	7.52	6.95			
٠	Healthcare	12.91	12.98	13.37			
9	Utilities	3.15	3.38	3.24			
						i	



### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	-	53.56	53.56	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.47	89.03	_	-
$\ominus$ Vanguard Total Bond Market II ldx Inv	-	6.64	95.67	_	-
$\ominus$ Vanguard Total Intl Bd II ldx Insl	-	3.06	98.73	-	-
① Mktliq 12/31/2049	-	1.25	99.97	-	-
🕀 Us Dollar	-	0.03	100.00	-	-

### Total Holdings 6



### Vanguard Target Retirement 2055 Fund VFFVX

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 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 9.61 years.

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

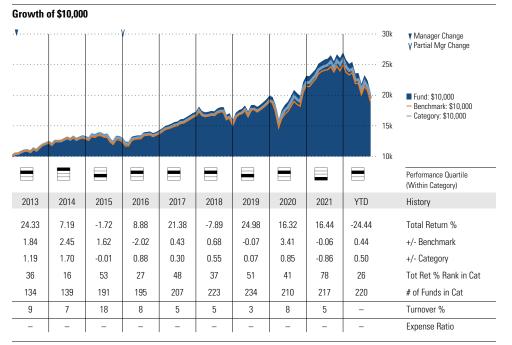
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2055 category average.

### **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.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

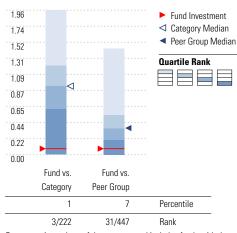


Morningstar Category

Target-Date 2055

### **Trailing Performance**





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

Fund Bmark Cat Alpha 1.28 0.99 0.95 0.96 Beta _ **R-Squared** 99.16 98.42 Standard Deviation 18 02 18 89 18.35 Sharpe Ratio 0.24 0 17 0.22 Tracking Error 1.91 2.32 Information Ratio 0.67 0.45 Up Capture Ratio 99.50 100.59 Down Capture Ratio 94.48 96.81

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.48	13.28	14.32
Price/Book Ratio	2.28	1.94	2.18
Avg Eff Duration	7.03	-	9.37

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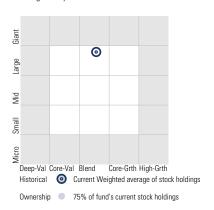


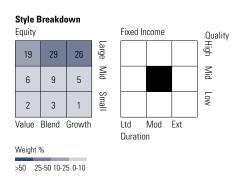
Morningstar Index Morningstar Lifetime Mod 2055 TR

USD

# Vanguard Target Retirement 2055 Fund VFFVX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





# 

Other	0.13	6.72
Cash	3.01	1.44
Bonds	9.45	4.46
Non-US Stocks	34.74	31.43
US Stocks	52.66	55.94
Asset Class	Net %	Cat%

Morningstar Category

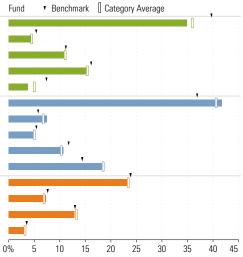
Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fund	۲	Ben
Դ	Cyclical	34.86	39.55	35.99			
æ.	Basic Materials	4.78	5.25	4.52			
4	Consumer Cyclical	10.78	11.04	11.05			
<b>N</b>	Financial Services	15.50	16.01	15.39			
ŵ	Real Estate	3.80	7.25	5.03		0	
w,	Sensitive	41.76	36.75	40.60			
	Communication Services	7.46	5.63	6.77			
0	Energy	4.86	5.28	5.02		0	
¢	Industrials	10.68	11.59	10.32			-0
	Technology	18.76	14.25	18.49			
<b>→</b>	Defensive	23.37	23.72	23.40			
F	Consumer Defensive	7.32	7.50	6.93			
٠	Healthcare	12.91	12.84	13.27	_		
9	Utilities	3.14	3.38	3.20			
						-	



### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	53.50	53.50	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.61	89.11	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.60	95.71	-	-
$\ominus$ Vanguard Total Intl Bd II ldx Insl	-	3.03	98.74	-	-
⊕ Mktliq 12/31/2049	-	1.24	99.99	-	-
⊖ Us Dollar	_	0.01	100.00	-	_

### Total Holdings 6



### Vanguard Target Retirement 2060 Fund VTTSX

### 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 9 of the 10 years it's been in existence.

*Management:* The fund's management has been in place for 9.61 years.

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

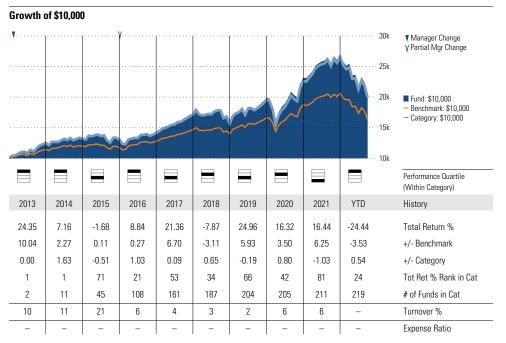
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2060 category average.

### 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.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

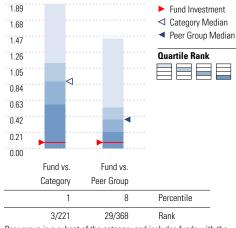


Morningstar Category

Target-Date 2060

### **Trailing Performance**





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

Cat Alpha 2.25 1.99 1 36 1 39 Beta 98.80 **R-Squared** 97.78 Standard Deviation 17 99 13 18 18 48 Sharpe Ratio 0.24 0 10 0.22 Tracking Error 5.10 5.82 Information Ratio 0.44 0.34 Up Capture Ratio 145.56 148.24 Down Capture Ratio 133.96 138.30

# Fund Bmark Cat Price/Earnings Ratio 15.47 13.15 14.41 Price/Book Ratio 2.28 1.92 2.22 Avg Eff Duration 7.02 — 7.31

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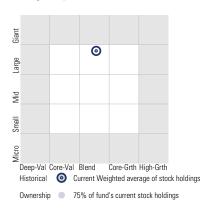


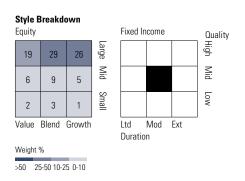
Morningstar Index

Morningstar Mod Tgt Risk TR USD

# Vanguard Target Retirement 2060 Fund VTTSX

Style Analysis as of 09-30-2022 Morningstar Style Box™





# 50 100 0

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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Utilities

Cyclical

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

	0.15	4.03
Other	0.13	4.89
Cash	3.15	2.21
Bonds	9.32	4.49
Non-US Stocks	34.87	31.93
US Stocks	52.53	56.48
Asset Class	Net %	Cat%

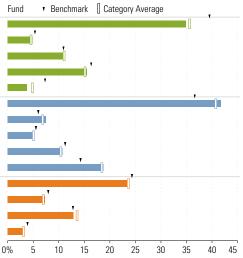
**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2060

#### Bmark Cat Fund 34.89 39.36 35.61 Basic Materials 4.80 5.20 4.57 Consumer Cyclical 10.78 10.78 11.04 Financial Services 15.51 16 20 15.14 3.80 7.18 4.86 41.75 36.47 40.72 **Communication Services** 7.46 5.85 6.85 5.04 4.86 5.39 10.68 11.11 10.40 18.75 14.12 18.43 23.36 24.18 23.66 **Consumer Defensive** 7.32 7.80 6.98 12.90 12.64 13.58 3.14 3.74 3.10 10 0% 5



### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	53.37	53.37	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.74	89.11	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.54	95.65	-	-
$\ominus$ Vanguard Total Intl Bd II Idx Insl	-	2.96	98.62	-	-
⊕ Mktliq 12/31/2049	-	1.36	99.97	-	-
🕀 Us Dollar	_	0.03	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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## Vanguard Target Retirement 2065 Fund VLXVX

### Portfolio Manager(s)

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

### Quantitative Screens

× *Performance:* The fund has finished in the Target-Date 2065+ category's top three quartiles in 3 of the 5 years it's been in existence.

*Management:* The fund's management has been in place for 5.22 years.

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

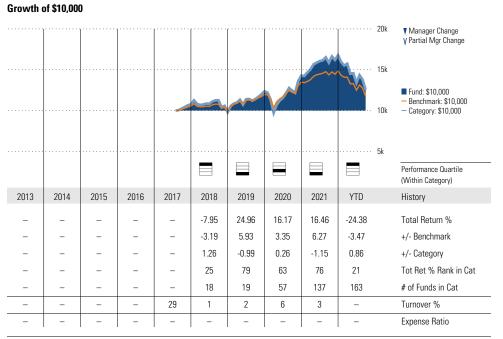
Net Expense: The fund's expense ratio of 0.08 is 88.41% lower than the Target-Date 2065+ category average.

### Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen but we maintain our long-term conviction in this target-date series and continue to be comfortable recommending it for retirement plans. This fund also fails our style screen, but because it is a target-date fund we do not consider this a concern.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

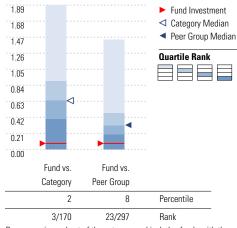


**Morningstar Category** 

Target-Date 2065+

### **Trailing Performance**





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

Cat Alpha 2.23 2.06 Beta 1.36 1 4 1 **R-Squared** 98.78 98.01 Standard Deviation 18 01 13 18 18 72 Sharpe Ratio 0.24 0 10 0.22 Tracking Error 5.12 5.97 Information Ratio 0.44 0.34 Up Capture Ratio 145.61 149.85 Down Capture Ratio 134.11 139.56

# Fund Bmark Cat Price/Earnings Ratio 15.47 13.15 13.99 Price/Book Ratio 2.28 1.92 2.14 Avg Eff Duration 7.03 8.22

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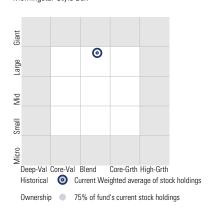


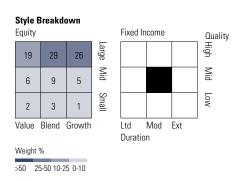
Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2065 Fund VLXVX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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3

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Energy

¢

Utilities



Bmark

39.36

5.20

10.78

16 20

7.18

36.47

5.85

5.39

11.11

14.12

24.18

7.80

12.64

3.74

Fund

34.88

4.79

10.79

15.51

3.79

41.75

7.45

4.87

10.68

18.75

23.36

7.31

12.91

3.14

#### Asset Class Net % Cat% US Stocks 52.64 53.41 Non-US Stocks 34.86 32.54 Bonds 9.23 7.00 Cash 3.14 2.40 Other 0.13 4.65 Total 100.00 100.00

Morningstar Index

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2065+

#### Benchmark [] Category Average Cat Fund 35.55 4.71 11.15 15.31 4.38 41.47 6.96 5.14 10.65 18.72 22.97 7.13 12.79 3.05 10 15 20 25 30 35 40 45 0% 5

### Top 6 Holdings as of 09-30-2022

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	53.48	53.48	_	_
-	35.73	89.21	_	-
-	6.40	95.62	_	-
-	3.00	98.62	-	-
-	1.35	99.97	-	-
-	0.03	100.00	-	-
	- - - - -	- 53.48 - 35.73 - 6.40 - 3.00 - 1.35	- 53.48 53.48 - 35.73 89.21 - 6.40 95.62 - 3.00 98.62 - 1.35 99.97	- 53.48 53.48 - - 35.73 89.21 - - 6.40 95.62 - - 3.00 98.62 - - 1.35 99.97 -

### Total Holdings 6



## Vanguard Target Retirement Income Fund VTINX

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 9.61 years.

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

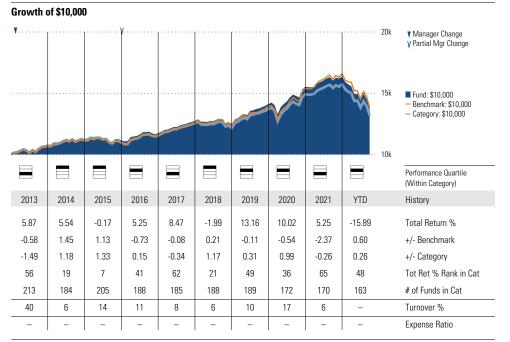
Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date Retirement category average.

### 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.

### **ESG Metrics**

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



Morningstar Category

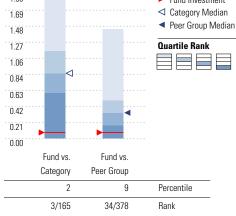
Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR

USD

### **Trailing Performance**





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

Cat -1.17 0.92 Beta 0.87 _ **R-Squared** 98.14 95.87 Standard Deviation 8 10 9 24 8.70 Sharpe Ratio -0.04 0.07 -0.09 Tracking Error 1.65 2.29 Information Ratio -0.53 -0.57 Up Capture Ratio 83.99 86.73 Down Capture Ratio 90.35 96.23

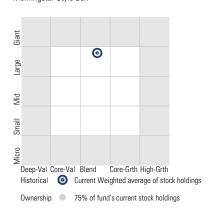
# Fund Bmark Cat Price/Earnings Ratio 15.47 14.54 14.00 Price/Book Ratio 2.28 2.17 2.09 Avg Eff Duration 5.96 6.58

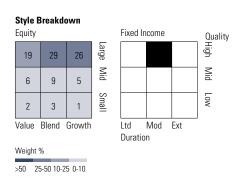
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# Vanguard Target Retirement Income Fund VTINX

Style Analysis as of 09-30-2022 Morningstar Style Box™





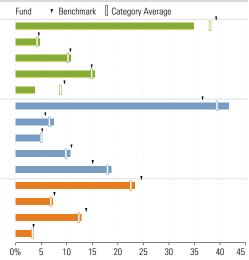
# 50 100 0

66.83 3.23 0.57	51.17 5.20 16.18
66.83	51.17
11.69	9.45
17.67	18.01
Net %	Cat%
	17.67

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fund
Դ	Cyclical	34.88	39.10	38.05	
÷.	Basic Materials	4.78	4.38	4.19	
4	Consumer Cyclical	10.80	10.57	10.24	
<b>L</b>	Financial Services	15.51	14.74	14.87	
ŵ	Real Estate	3.79	9.41	8.75	
w,	Sensitive	41.75	36.44	39.40	
	Communication Services	7.45	5.66	6.60	
•	Energy	4.85	5.06	4.99	
¢	Industrials	10.69	10.78	9.84	
	Technology	18.76	14.94	17.97	
-	Defensive	23.36	24.46	22.53	
F	Consumer Defensive	7.31	7.44	6.89	
٠	Healthcare	12.91	13.66	12.36	
	Utilities	3.14	3.36	3.28	



### Top 7 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	36.25	36.25	_	_
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	-	17.95	54.20	-	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.53	70.73	-	-
🕀 Vanguard Total Intl Bd II Idx Insl	-	16.02	86.74	-	-
Vanguard Total Intl Stock Index Inv	-	11.98	98.73	-	-
⊕ Mktliq 12/31/2049	-	1.28	100.01	-	-
⊖ Us Dollar	_	0.01	100.01	_	-

### Total Holdings 7

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



**Morningstar Category** Target-Date Retirement Morningstar Index Morningstar Lifetime Mod Incm TR USD