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
Michael Cohen since 07-2018
Lisa Thompson since 09-2018

Quantitative Screens

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

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

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

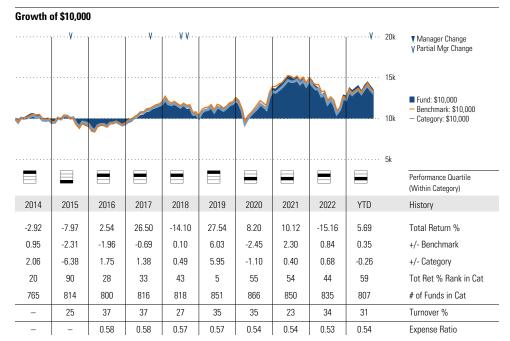
Net Expense: The fund's expense ratio of 0.54 is 37.93% lower than the Foreign Large Blend category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

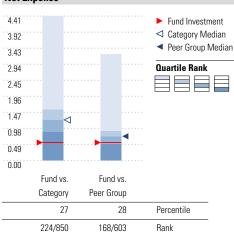
Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Foreign Large Blend





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

3-Year Risk Metrics Fund Bmark Cat Alpha 1.75 0.38 1 03 Beta 1 06 _ 95.95 **R-Squared** 93.49 Standard Deviation 18 67 17 19 18.35 Sharpe Ratio 0.28 0 18 0.20 Tracking Error 3.91 4.70 Information Ratio 0.49 0.11 Up Capture Ratio 110.29 106.23 Down Capture Ratio 103.03 105.46

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 13.60 13 48 14 20 Price/Book Ratio 1.74 1.67 1.88 Geom Avg Mkt Cap \$B 49 84 42 75 56.55

20.60

ROE

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17.72

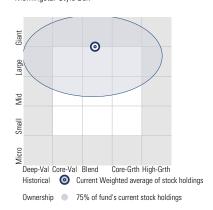
20.14

Morningstar Index

MSCI ACWI Ex USA NR USD

American Funds Intl Gr and Inc R6 RIGGX

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





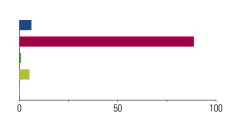


Weight %

<25

>50 25-50 10-25 0-10

World Regions % Equity 09-30-2023

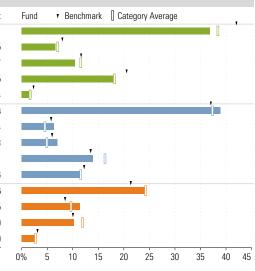


Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	36.85	41.89	38.41
. #.	Basic Materials	6.64	7.82	7.05
	Consumer Cyclical	10.39	11.49	11.57
H	Financial Services	17.94	20.40	18.15
ŵ	Real Estate	1.88	2.18	1.64
V ^{ar}	Sensitive	38.91	36.89	37.34
đ	Communication Services	6.35	5.62	4.54
0	Energy	6.98	5.82	4.93
¢	Industrials	13.95	13.36	16.31
	Technology	11.63	12.09	11.56
-	Defensive	24.25	21.21	24.25
E	Consumer Defensive	11.39	8.36	9.65
٠	Healthcare	10.19	9.90	11.90
9	Utilities	2.67	2.95	2.70

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



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

Top 10 Holdings as of 09-30-2023

25-50

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

Total Holdings 273

 \oplus Increase \oplus Decrease 3 New to Portfolio

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Morningstar Category Foreign Large Blend

Total

Morningstar Index MSCI ACWI Ex USA NR USD

100.00

100.00

American Funds New World R6 RNWGX

Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Winnie Kwan since 01-2009
Christopher Thomsen since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2016
Akira Shiraishi since 01-2017
Bradford Freer 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 24.3 years.

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

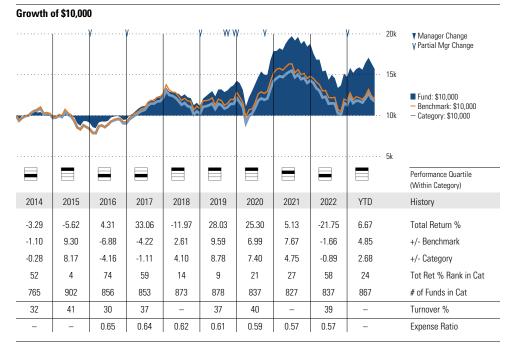
Net Expense: The fund's expense ratio of 0.57 is 50% lower than the Diversified Emerging Mkts category average.

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.

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

ESG Metrics





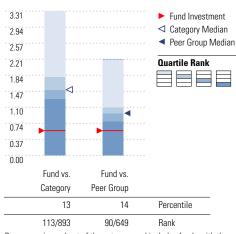
Alpha

Beta

R-Squared

Sharpe Ratio

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.

Benchmark Category Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat 3.12 0.13 0.96 0.85 78.76 87.58 Standard Deviation 17 07 17 90 18 47 0.05 -0 12 -0.10 Tracking Error 8.33 6.34 Information Ratio 0.39 -0.02 Up Capture Ratio 93.06 98.68 Down Capture Ratio 80.37 98.67 Portfolio Metrics

		Fund	Bmark	Cat
Pr	ice/Earnings Ratio	18.17	12.44	13.62
Pr	ice/Book Ratio	2.98	1.57	1.94
G	eom Avg Mkt Cap \$B	59.03	34.93	45.85
R	DE	22.42	16.48	18.37

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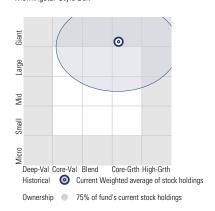


Morningstar Index **Morningstar Category**

Diversified Emerging Mkts MSCI EM NR USD

American Funds New World R6 RNWGX

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





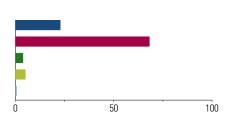


Weight %

<25

>50 25-50 10-25 0-10

World Regions % Equity 09-30-2023



Sector Weighting as of 09-30-2023

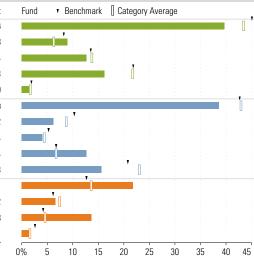
Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	39.70	44.93	43.44
æ.	Basic Materials	8.92	8.10	6.28
	Consumer Cyclical	12.70	13.38	13.74
ц.	Financial Services	16.15	21.69	21.73
ŵ	Real Estate	1.93	1.76	1.69
w.	Sensitive	38.58	42.53	42.93
	Communication Services	6.20	10.16	8.72
0	Energy	4.09	5.13	4.44
¢	Industrials	12.70	6.60	6.74
	Technology	15.59	20.64	23.03
	Defensive	21.73	12.54	13.61
F	Consumer Defensive	6.59	6.01	7.42
٠	Healthcare	13.61	4.06	4.58
9	Utilities	1.53	2.47	1.61
-				

Morningstar Index **Morningstar Category** MSCI EM NR USD

Diversified Emerging Mkts

Asset Class	Net %	Cat%
US Stocks	22.73	3.39
Non-US Stocks	68.10	94.61
Bonds	3.75	0.00
Cash	4.99	1.75
Other	0.43	0.24
Total	100.00	100.00



	Greater Asia	Fund % 38.48	Cat % 74.43	Americas	Fund % 36.40	Cat % 15.31	Greater Europe	Fund % 25.12	Cat % 10.24	Market Maturity	Fund %
	Japan	2.51	0.08	North America	26.68	2.89	United Kingdom	2.38	0.58	Developed Markets	59.04
	Australasia	0.46	0.00	Central/Latin	9.72	12.42	W euro-ex UK	20.00	1.92	Emerging Markets	40.96
	Asia-4 Tigers	6.81	27.40				Emrgng Europe	0.59	1.50	Not Available	0.00
	Asia-ex 4 Tigers	28.70	46.95				Africa	2.15	6.24		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Capital Group Central Cash Fund	4.81	4.81	_	_
⊖ Microsoft Corp	2.91	7.72	32.51	Technology
\ominus Novo Nordisk A/S Class B	2.17	9.89	-	Healthcare
\ominus Taiwan Semiconductor Manufacturing Co Ltd	2.02	11.91	-	Technology
\oplus LVMH Moet Hennessy Louis Vuitton SE	1.82	13.72	-	Consumer Cyclical
Kotak Mahindra Bank Ltd	1.61	15.33	-	Financial Services
Airbus SE	1.55	16.88	-	Industrials
\ominus Eli Lilly and Co	1.26	18.13	47.75	Healthcare
Reliance Industries Ltd	1.16	19.30	-	Energy
⊖ AIA Group Ltd	1.12	20.42	-	Financial Services

Total Holdings 590

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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 6.75 years.

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

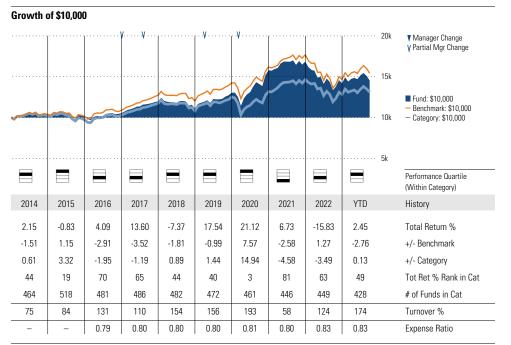
Net Expense: The fund's expense ratio of 0.84 is 24.32% lower than the Global Allocation category average.

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

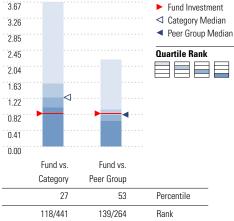
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	09-30-2022



Morningstar Category

Global Allocation





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

Bmark Cat Alpha -0.65 1.73 0.96 0.94 Beta R-Squared 97.44 88.07 Standard Deviation 12 51 12.83 12 87 Sharpe Ratio -0.02 0 04 0.15 Tracking Error 2.06 4.32 Information Ratio -0.35 0.24 Up Capture Ratio 94.42 101.88 Down Capture Ratio 98.11 92.82

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	18.10	17.40	16.13				
Price/Book Ratio	2.76	2.44	2.10				
Avg Eff Duration	4.70	-	5.49				

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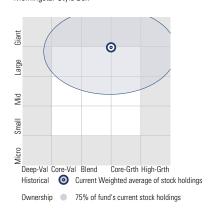


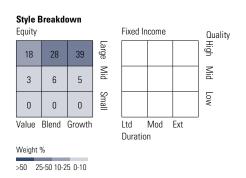
Morningstar Index

Morningstar Gbl Allocation TR USD

BlackRock Global Allocation Instl MALOX

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





Top 10 Holdings as of 09-30-2023

()	50

Fund

29.68

3.78

11.69

12.50

1.71

45.92

6.19

5.52

11.40

22.81

24.39

6.84

15.13

2.42

Bmark

33.87

4.75

11.24

15.00

2.88

45.11

7.04

4.68

11.52

21.87

21.03

6.89

11.49

2.65

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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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	4.43	5.56
Cash	3.10	9.40
Bonds	31.43	26.57
Non-US Stocks	20.90	24.70
US Stocks	40.14	33.77
Asset Class	Net %	Cat%

Fund • Benchmark [] Category Average

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Us Ultra 10Yr Note Sep 23	_	13.36	13.36	_	_
⊖ JPY/USD Purchased	09-2023	6.68	20.04	-	-
⊕ JPY/USD Purchased	09-2023	6.43	26.47	-	-
⊕ Us 5Yr Note Sep 23	-	5.15	31.62	-	-
Euro Bund Future Sept 23	09-2023	4.83	36.45	-	_
\oplus Three Month SONIA Index Future June 23	09-2023	4.76	41.21	_	-
$igodoldsymbol{ m egin{array}{c} arphi} & arphi & a$	09-2023	4.12	45.34	-	-
BlackRock Liquidity T-Fund Instl	-	4.06	49.39	-	-
⊕ EUR/USD Purchased	09-2023	3.00	52.39	-	-
	09-2023	2.96	55.35	-	-

Total Holdings 2577

 \oplus Increase \oplus Decrease New to Portfolio



Morningstar Category Morningstar Index

Global Allocation Mor

Cat

39.83

8.11

8.75

11 45

11.52

38.85

4.93

8.39

11.26

14.27

21.32

5.88

9.77

5.67

Morningstar Gbl Allocation TR USD

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 6.63 years.

Style Consistency is not calculated for Fixed Income funds.

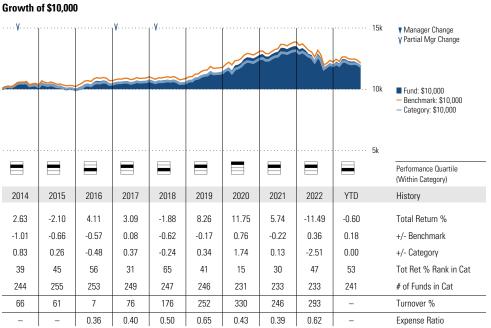
Net Expense: The fund's expense ratio of 0.56 is 9.68% lower than the Inflation-Protected Bond category average.

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	08-31-2023

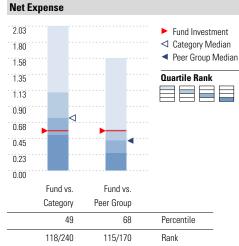


Morningstar Category

Inflation-Protected Bond



220



241

224

158 –	# of	Funds in Cat	egory
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.22	-	0.39
Beta	1.02	-	0.89
R-Squared	99.25	-	93.36
Standard Deviation	7.04	6.86	6.33
Sharpe Ratio	-0.51	-0.55	-0.44
Tracking Error	0.63	-	1.95
Information Ratio	0.27	-	-0.07
Up Capture Ratio	101.36	-	90.18
Down Capture Ratio	99.35	-	86.17

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.93	4.52	5.88
Avg Eff Maturity	8.01	-	6.75

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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244



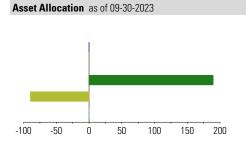
Morningstar Index Bloomberg US Treasury US TIPS TR

USD

BlackRock Inflation Protected Bond Instl BPRIX

Style Analysis as of 09-30-2023





Sector Weighting as of 09-30-2023

Total	100.00	100.00
Other	-0.09	0.36
Cash	-89.56	-0.10
Bonds	189.49	99.64
Non-US Stocks	0.00	0.00
US Stocks	0.14	0.11
Asset Class	Net %	Cat%

Credit Rating Breakdown Fund Bmark Cat AAA 96.22 0.00 88.72 AA 0.14 99.60 3.39 0.00 А 0.73 1.89 BBB 0.39 0.00 2.59 BB 0.02 0.00 1.01 В 0.05 0.00 0.58 Below B 0.02 0.00 0.20 Not Rated 2.43 0.40 1.62

	Fund	Bmark	Cat	Fund	 Benchmark 	Category Average
Government	92.90	-	90.29			
Treasury	0.37	-	0.28	0		
Inflation – Protected	44.54	-	80.77			
Agency/Quasi Agency	0.00	-	0.09	0		
Other Government Related	47.99	-	9.15	0		
Corporate	0.04	-	1.40	10		
Corporate Bond	0.04	_	1.37	1		
Bank Loan	0.00	-	0.03	0		
Convertible	0.00	-	0.00	0		
Preferred	0.00	-	0.00	0		
Securitized	5.51	-	4.02			
Agency MBS Pass-Through	3.43	_	1.19	0		
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.03	-	0.27	[
Non-Agency Residential MBS	0.17	-	0.06	0		
Commercial MBS	0.37	-	0.20	0		
Asset-Backed	1.51	-	2.04			
Covered Bond	0.00	_	0.26	[
Municipal	0.00	-	0.00]		
Cash & Equivalents	0.62	-	4.18			
Other	0.95	-	0.10	0		

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 9095

Top 10 Holdings as of 09-30-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector 巻 Cash Offset 75.35 75.35 _ ⊖ Three-Month Sofr Future Mar 24 73.38 148.73 _ + Oct23 Sfrz3 P @ 95.625 175.07 26.34 _ Oct23 Sfrz3 P @ 95.375 25.99 201.07 _ € Fed Fund 30 Day Mar 24 220.85 19.78 _ ⊖ Fed Fund 30 Day Oct 23 19.78 240.63 _ _ Oct23 Sfrz3 P @ 95.25 15.38 256.01 _ ① Oct23 Sfrz3 P @ 95 14.45 270.46 _ Three-Month Sofr Future Jun 24 10.67 281.13 _ ⊖ Oct23 Sfrz3 P @ 95.125 9.98 291.11 _

Total Holdings 303

⊕ Increase ⊕ Decrease ☎ New to Portfolio

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Morningstar Index Bloomberg US Treasury US TIPS TR USD

Morningstar Category Inflation-Protected Bond

Total	100.00	100.0
Other	-0.09	0.3
Cash	-89.56	-0.1
Bonds	189.49	99.6
Non-US Stocks	0.00	0.0
US Stocks	0.14	0.1
Asset Class	Net %	Cat

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.

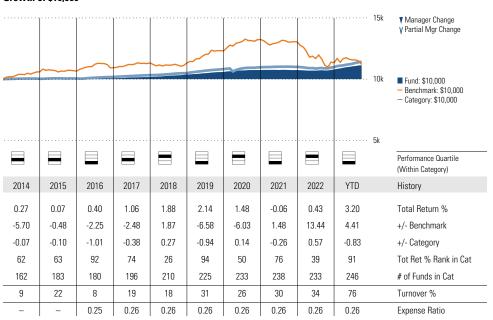
Management: The fund's management has been in place for 26.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is 38.1% 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.

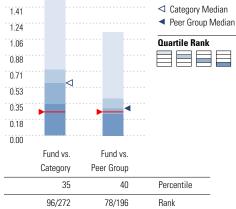


Morningstar Category

Ultrashort Bond







1.36	-	Categ	Category Average %		
70	-	% Rar	% Rank in Category		
107	-	# of F	unds in Cate	gory	
3-Year Risk	Metrics				
		Fund	Bmark	Cat	
Alpha		1.46	-	1.85	
Beta		0.05	-	0.08	
R-Squared		22.06	-	21.31	
Standard Deviation		0.67	6.20	1.08	
Sharpe Ratio		-2.00	-1.16	-0.98	
Tracking Error		5.92	-	5.82	
Information Rat	io	1.08	-	1.15	
Up Capture Rat	io	11.65	-	15.49	
Down Capture I	Ratio	-4.76	-	-5.01	
Portfolio M	etrics				
		Fund	Bmark	Cat	

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

 Avg Eff Duration
 0.48
 4.43
 0.70

 Avg Eff Maturity
 5.22
 1.94

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Morningstar Index

Bloomberg US Agg Bond TR USD



Federated Hermes Govt Ultrashort IS FGUSX

Style Analysis as of 09-30-2023



Duration

Asset Allocati	on as of 09-30-2023		
			A
			ι
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			(
			(
0	50	100	1

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

Morningstar Index

Bloomberg US Agg Bond TR USD

Morningstar Category

Ultrashort Bond

Sector Weighting as of 09-30-2023

Fund	Bmark	Cat
100.00	3.53	47.87
0.00	74.59	8.37
0.00	10.82	21.90
0.00	8.32	16.09
0.00	0.28	0.89
0.00	0.00	0.42
0.00	0.00	0.09
0.00	2.46	4.38
	100.00 0.00 0.00 0.00 0.00 0.00 0.00	100.00 3.53 0.00 74.59 0.00 10.82 0.00 8.32 0.00 0.28 0.00 0.00 0.00 0.00

	Fund	Bmark	Cat	Fund • Benchmark Category Average
Government	2.72	-	24.91	
Treasury	1.48	-	19.27	
Inflation – Protected	0.00	-	0.00	Ú I I I I I I I I I I I I I I I I I I I
Agency/Quasi Agency	1.24	-	3.26	
Other Government Related	0.00	-	2.38	10
Corporate	0.00	-	33.27	
Corporate Bond	0.00	-	32.65	
Bank Loan	0.00	-	0.59	0
Convertible	0.00	-	0.03	Ū į
Preferred	0.00	-	0.00	Ū III III III III III III III III III I
Securitized	69.59	-	20.86	
Agency MBS Pass-Through	6.77	-	0.17	
Agency MBS ARM	0.09	-	0.24	
Agency MBS CMO	62.73	-	1.72	
Non-Agency Residential MBS	0.00	-	0.06	
Commercial MBS	0.00	-	2.46	10
Asset-Backed	0.00	-	16.21	
Covered Bond	0.00	-	0.00	
Municipal	0.00	_	0.53	0
Cash & Equivalents	27.69	-	18.81	
Other	0.00	-	1.61	10
				0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70

Top 10 Holdings as of 09-30-2023

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

Total Holdings 193

🕀 Increase \ominus Decrease 🕸 New to Portfolio

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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 16.52 years.

Style Consistency is not calculated for Fixed Income funds.

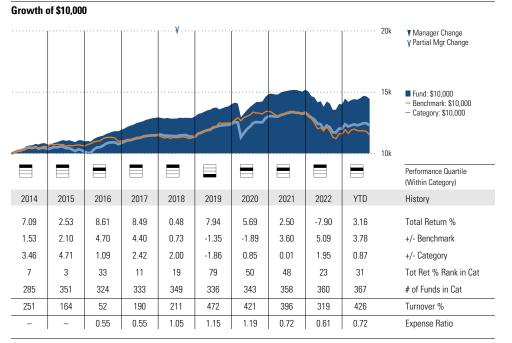
Net Expense: The fund's expense ratio of 0.72 is 26.53% lower than the Multisector Bond category average.

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.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023



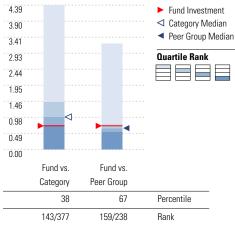
Morningstar Category

Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD





1.43	5.21	Bencl	hmark Returr	n %			
2.41	-	Category Average %					
2	-	% Rank in Category					
178	-	# of F	unds in Cate	gory			
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		4.57	-	3.21			
Beta		0.84	-	0.78			
R-Squared		80.17	-	68.44			
Standard Devia	ition	5.77	6.17	5.81			
Sharpe Ratio		-0.23	-1.08	-0.40			
Tracking Error		2.76	-	3.69			
Information Ra	tio	1.90	_	1.16			

Down Capture Ratio	54.75	-	55.86
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.01	4.55	4.43
Avg Eff Maturity	5.78	7.69	7.23

109.14

Up Capture Ratio

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

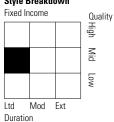
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92.20

PIMCO Income I2 PONPX

Style Analysis as of 09-30-2023 Style Breakdown



-150 -100 -50 0 50 100 150 200 250

Asset Class	Net %	Cat%
US Stocks	1.48	1.20
Non-US Stocks	-1.39	0.16
Bonds	221.73	89.79
Cash	-122.08	6.58
Other	0.26	2.27
Total	100.00	100.00

Morningstar Index

Bloomberg US Universal TR USD

Morningstar Category

Multisector Bond

Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	58.86	67.64	22.57
AA	5.30	3.23	3.57
А	3.36	10.03	8.60
BBB	11.99	10.89	21.91
BB	8.89	3.19	19.49
В	3.98	3.64	12.39
Below B	7.62	1.38	4.32
Not Rated	0.00	0.00	7.16

	Fund	Bmark	Cat	Fund		 Bench 	mark	Cate	gory Ave	erage			
Government	42.66	-	27.98							0	-	-	
Treasury	1.66	-	9.52			0							
Inflation – Protected	1.97	-	0.74	(
Agency/Quasi Agency	0.02	-	0.61	10									
Other Government Related	39.01	-	17.11					0					
Corporate	2.83	_	34.47								0		
Corporate Bond	2.20	-	28.76							0			
Bank Loan	0.62	-	3.29										
Convertible	0.01	-	0.78										
Preferred	0.00	-	1.64										
Securitized	18.73	_	22.98										
Agency MBS Pass-Through	10.30	-	6.64										
Agency MBS ARM	0.00	-	0.02	ļ									
Agency MBS CMO	0.14	-	1.98										
Non-Agency Residential MBS	3.14	-	1.76										
Commercial MBS	0.20	-	2.15										
Asset-Backed	4.95	-	10.43]							
Covered Bond	0.00	-	0.00	0									
Municipal	0.01	-	0.34	[]									
Cash & Equivalents	27.60	-	6.96]							
Other	7.99	-	7.27			0							
				0%	5	10	15	20	25	30	35	40	4

Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
な Offset: Unsettled Trades	-	40.63	40.63	_
€ RFR USD SOFR/5.10000 05/22/23-1Y LCH Pay	05-2024	33.49	74.12	-
RFR USD SOFR/5.10000 05/22/23-1Y LCH Receive	05-2024	33.40	107.52	-
RFR USD SOFR/5.40000 06/06/23-1Y LCH Receive	06-2024	19.71	127.23	-
⊕ RFR USD SOFR/5.40000 06/06/23-1Y LCH Pay	06-2024	19.71	146.94	-
€ RFR USD SOFR/4.50000 05/22/23-2Y LCH Pay	05-2025	17.27	164.21	_
RFR USD SOFR/4.50000 05/22/23-2Y LCH Receive	05-2025	17.16	181.37	-
🗱 Cash Offset	_	13.42	194.79	-
RFRF USD SF+26.161/0.00 11/04/22-1Y* LCH Pay	08-2023	12.63	207.42	-
IRSF USD 0.00000 11/04/22-1Y* (WHT) LCH Pay	08-2023	12.63	220.06	-

Total Holdings 8508

 \oplus Increase \oplus Decrease otin 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 Nick Birkett since 08-2023 Aaron Choi since 08-2023

Quantitative Screens

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

Management: The fund's management has been in place for 7.43 years.

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

Net Expense: The fund's expense ratio of 0.04 is 94.67% lower than the Large Blend category average.

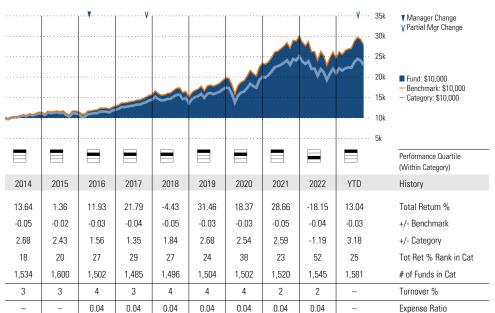
Morningstar Investment Management LLC Analysis

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

ESG Metrics

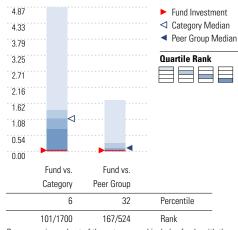
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Large Blend





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

984 – # of Funds in Category					
3-Year Risk Metrics					
	Fund	Bmark	Cat		
Alpha	-0.04	-	-0.66		
Beta	1.00	-	0.95		
R-Squared	100.00	-	94.61		
Standard Deviation	17.85	17.85	17.40		
Sharpe Ratio	0.51	0.52	0.45		
Tracking Error	0.01	-	3.74		
Information Ratio	-4.76	-	-1.15		
Up Capture Ratio	99.93	-	93.16		
Down Capture Ratio	100.07	-	95.77		

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

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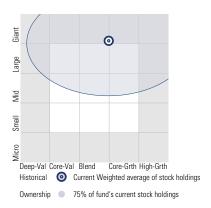


Morningstar Category Morningstar Index

S&P 500 TR USD

Vanguard 500 Index Admiral VFIAX

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







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2023

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

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

50

Fund

27.43

2.24

10.78

11.97

2.44

50.40

8.81

4.43

8.28

28 88

22.17

6.52

13.22

2.43

Bmark

27.45

2.23

10.77

12 01

2.44

50.38

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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 Holdings 510

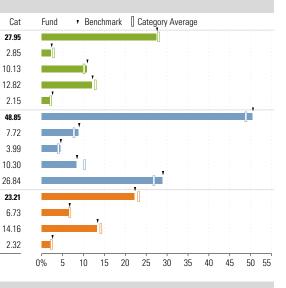
 \oplus Increase \oplus Decrease R New to Portfolio



 Morningstar Category
 Morningstar Index

 Large Blend
 S&P 500 TR USD

Asset Class	Net %	Cat%
US Stocks	99.09	95.33
Non-US Stocks	0.54	2.48
Bonds	0.00	0.15
Cash	0.37	0.71
Other	0.00	1.34
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 10.61 years.

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

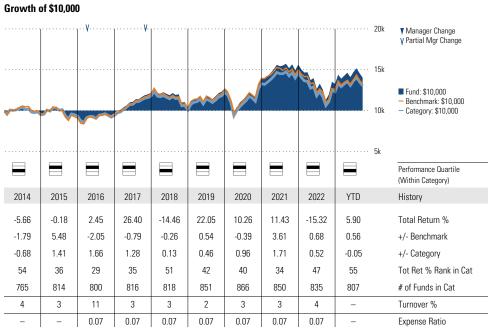
Net Expense: The fund's expense ratio of 0.07 is 91.95% lower than the Foreign Large Blend category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

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



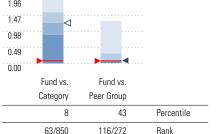
Morningstar Category

Foreign Large Blend





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.

Information Ratio 0.43 0.11 Up Capture Ratio 115.04 106.23 Down Capture Ratio 109.87 105.46 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 13 60 13 48 14 20 Price/Book Ratio 1.56 1.67 1.88 Geom Avg Mkt Cap \$B 29.59 42 75 56.55

16.69

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17.72

20.14

Morningstar Index

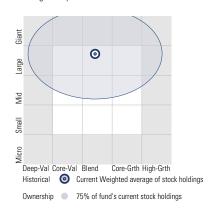
MSCI ACWI Ex USA NR USD

J4	30
765	814

Trailing Performance

Vanguard Developed Markets Index Admiral VTMGX

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





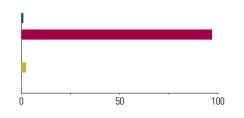


Weight %

<25

>50 25-50 10-25 0-10

World Regions % Equity 09-30-2023

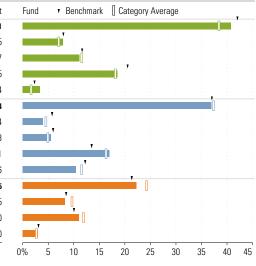


Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	40.81	41.89	38.41
æ.	Basic Materials	7.87	7.82	7.05
	Consumer Cyclical	11.06	11.49	11.57
ц.	Financial Services	18.53	20.40	18.15
ŵ	Real Estate	3.35	2.18	1.64
w	Sensitive	36.94	36.89	37.34
	Communication Services	3.93	5.62	4.54
0	Energy	5.56	5.82	4.93
¢	Industrials	17.02	13.36	16.31
	Technology	10.43	12.09	11.56
	Defensive	22.25	21.21	24.25
F	Consumer Defensive	8.23	8.36	9.65
٠	Healthcare	11.05	9.90	11.90
9	Utilities	2.97	2.95	2.70

Asset Class	Net %	Cat%
US Stocks	0.79	3.46
Non-US Stocks	96.81	93.89
Bonds	0.00	0.22
Cash	2.23	0.97
Other	0.16	1.45
Total	100.00	100.00



	Greater Asia	Fund % 36.29	Cat % 35.08	Americas	Fund % 10.36	Cat % 8.51	Greater Europe	Fund % 53.35	Cat % 56.41	Market Maturity	Fund %
	Japan	21.44	18.59	North America	10.34	7.23	United Kingdom	12.17	13.72	Developed Markets	99.45
	Australasia	6.85	4.86	Central/Latin	0.02	1.28	W euro-ex UK	40.28	41.70	Emerging Markets	0.55
	Asia-4 Tigers	7.81	6.61				Emrgng Europe	0.32	0.07	Not Available	0.00
	Asia-ex 4 Tigers	0.19	5.02				Africa	0.58	0.92		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ SIcmt1142	1.62	1.62	_	_
€ Nestle SA	1.52	3.13	-	Consumer Defensive
€ Novo Nordisk A/S Class B	1.36	4.50	-	Healthcare
$oldsymbol{eta}$ ASML Holding NV	1.22	5.72	_	Technology
\oplus Samsung Electronics Co Ltd	1.13	6.85	-	Technology
€ LVMH Moet Hennessy Louis Vuitton SE	0.99	7.84	-	Consumer Cyclical
	0.99	8.82	-	Energy
Đ Toyota Motor Corp	0.97	9.80	-	Consumer Cyclical
$oldsymbol{eta}$ Roche Holding AG	0.96	10.76	-	Healthcare
$oldsymbol{\oplus}$ Novartis AG Registered Shares	0.96	11.71	_	Healthcare

Total Holdings 4073

 \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 Interm-Term Bond Index Adm VBILX

Portfolio Manager(s)

Joshua Barrickman since 04-2008

Quantitative Screens

Performance: The fund has finished in the Intermediate Core 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 15.44 years.

Style Consistency is not calculated for Fixed Income funds.

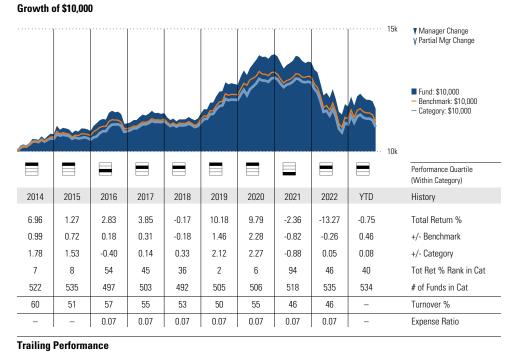
Net Expense: The fund's expense ratio of 0.07 is 87.04% lower than the Intermediate Core Bond category average.

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	08-31-2023
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Intermediate Core Bond



71/566 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

91/161

Avg Eff Duration 6 26 4 43 6 10 Avg Eff Maturity 7.20 8.47

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Morningstar Index

Bloomberg US Agg Bond TR USD

Vanguard Interm-Term Bond Index Adm VBILX

Style Analysis as of 09-30-2023



AAA AA А BBB

BB

В

Below B

Not Rated

Ltd Mod Ext Duration				0
				Sector Weig
Credit Rating Breakdown	Fund	Bmark	Cat	Government
AAA	58.76	3.53	56.04	Treasury Inflation – Prote
AA	2.49	74.59	8.35	Agency/Quasi A
A	17.64	10.82	17.35	J

8.32

0.28

0.00

0.00

2.46

15.53

1.06

0.38

0.18

1.11

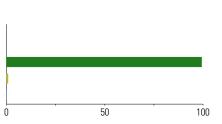
21.12

0.00

0.00

0.00

-0.01



ighting as of 09-30-2023

Asset Allocation as of 09-30-2023

	Fund	Bmark	Cat	Fund	 Benchmark 	Category Average
Government	60.23	-	35.96			
Treasury	56.59	-	27.66			
Inflation – Protected	0.00	-	2.08			
Agency/Quasi Agency	1.73	-	1.08	0		
Other Government Related	1.91	-	5.14			
Corporate	38.45	-	25.61			
Corporate Bond	38.40	-	25.53			
Bank Loan	0.00	-	0.02	0		
Convertible	0.05	-	0.00	0		
Preferred	0.00	-	0.06	0		
Securitized	0.09	-	35.02			
Agency MBS Pass-Through	0.00	-	27.29			
Agency MBS ARM	0.00	-	0.20			
Agency MBS CMO	0.00	-	1.31			
Non-Agency Residential MBS	0.00	-	0.49	0		
Commercial MBS	0.00	-	0.57	0		
Asset-Backed	0.09	-	5.16			
Covered Bond	0.00	-	0.00	0		
Municipal	0.50	-	0.83	l)		
Cash & Equivalents	0.73	-	1.99			
Other	0.00	-	0.57	0		

Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
\oplus United States Treasury Notes	_	2.26	2.26	-
\oplus United States Treasury Notes	-	2.19	4.45	-
\odot United States Treasury Notes	-	2.09	6.54	-
\odot United States Treasury Notes	-	2.08	8.61	-
United States Treasury Notes	-	2.05	10.66	-
United States Treasury Notes	_	2.04	12.70	-
\odot United States Treasury Notes	-	2.02	14.72	-
\oplus United States Treasury Notes	-	2.01	16.74	-
United States Treasury Notes	-	1.96	18.69	-
United States Treasury Notes	-	1.87	20.56	-

Total Holdings 2153

🕀 Increase \ominus Decrease 🕸 New to Portfolio

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

Total	100.00	100.00
Other	0.03	1.78
Cash	0.73	2.17
Bonds	99.23	95.99
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.07
Asset Class	Net %	Cat%

Vanguard Mid Cap Index Admiral VIMAX

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

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

Morningstar Investment Management LLC Analysis

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

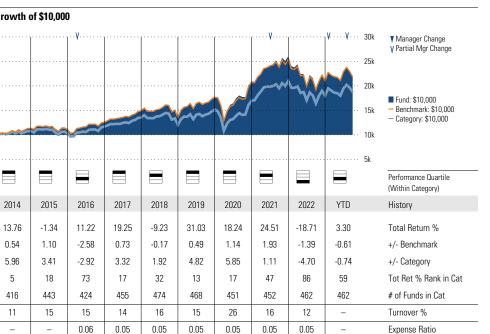
ESG Metrics

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





Mid-Cap Blend





2.70 2.03 1.35 0.68 Fund vs Fund vs Peer Group Category 8 38 Percentile 39/485 77/203 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.

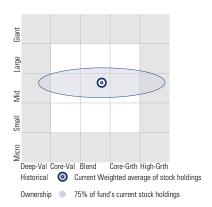
onarpo natio	0.00	0.00	0
Tracking Error	1.36	-	5.13
Information Ratio	-0.61	-	0.17
Up Capture Ratio	97.67	-	97.68
Down Capture Ratio	100.29	-	93.45
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.56	17.61	17.52
Price/Book Ratio	2.85	2.67	2.82
Geom Avg Mkt Cap \$B	24.83	18.26	11.63
ROE	17.22	16.11	20.65

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Vanguard Mid Cap Index Admiral VIMAX

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





Weight %

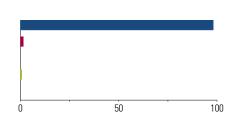
>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Amphenol Corp Class A	0.83	0.83	11.14	Technology
€ Arthur J. Gallagher & Co	0.78	1.61	21.77	Financial Services
$oldsymbol{\oplus}$ Carrier Global Corp Ordinary Shares	0.76	2.37	34.72	Industrials
\oplus Motorola Solutions Inc	0.75	3.12	6.66	Technology
\oplus TransDigm Group Inc	0.74	3.86	33.90	Industrials
⊕ Arista Networks Inc	0.71	4.57	51.57	Technology
① Microchip Technology Inc	0.71	5.28	12.74	Technology
🕀 Cintas Corp	0.69	5.97	7.32	Industrials
€ Nucor Corp	0.68	6.65	19.78	Basic Materials
PACCAR Inc	0.68	7.33	30.02	Industrials
⊕ Hess Corp	0.67	8.01	8.81	Energy
\oplus ON Semiconductor Corp	0.67	8.68	49.03	Technology
onumber onumber Old Dominion Freight Line Inc Ordinary Shares	0.67	9.34	44.60	Industrials
€ MSCI Inc	0.65	9.99	11.19	Financial Services
\oplus IQVIA Holdings Inc	0.65	10.65	-3.97	Healthcare

Total Holdings 344

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



Bmark

36.38

4.72

10.85

12 84

7.97

43.48

3.58

5.22

18.24

16.44

20.13

3.58

11.34

5.21

42.90

18.63

Fund

34.91

4.82

9.43

12.07

8.59

43.01

3.85

4.91

15.76

18.49

22.08

3.97

11.61

6.50

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

Դ Cyclical

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Energy

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Utilities

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

Morningstar Index

Russell Mid Cap TR USD

Morningstar Category

Mid-Cap Blend

Benchmark [] Category Average Cat Fund 38.46 5.27 14.14 12.87 6.18 2.63 4.43 19.25 16.59 4.48 10.81 3.34 10 15 20 25 30 35 40 45 0% 5

Asset Allocation as of 09-30-2023

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

Management: The fund's management has been in place for 27.4 years.

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

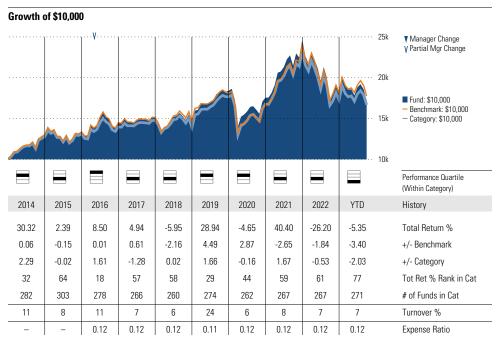
Net Expense: The fund's expense ratio of 0.12 is 88.79% lower than the Real Estate category average.

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

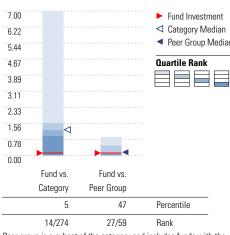
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Real Estate





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 -2.17 0.96 94.42 20.13 0.16 4.33 Information Ratio -1.53 -0.70 Up Capture Ratio 95.82 92.28 Down Capture Ratio 106.86 99.74 **Portfolio Metrics**

	Fund	Bmark	Cat
Price/Earnings Ratio	29.65	38.46	31.64
Price/Book Ratio	2.23	2.42	2.27
Geom Avg Mkt Cap \$B	21.33	9.35	31.22
ROE	12.99	9.56	14.92

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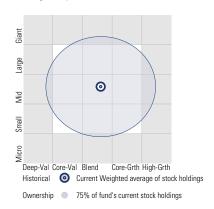


Morningstar Index

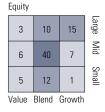
S&P United States REIT TR USD

Vanguard Real Estate Index Admiral VGSLX

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







We >50

Т

Weight %	🕂 Healthcare	0.00 0.00	0.01		
>50 25-50 10-25 0-10	U tilities	0.00 0.00	0.06		
			0% 5 1	0 15 20 25 30 35 4	0 45 50 55 60 65 70 75 80 85 90 9500
Top 15 Holdings as of 09-30-2023					
Name		% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index		12.67	12.67	_	_
igodot Prologis Inc		7.75	20.42	1.85	Real Estate
igodot American Tower Corp		5.71	26.13	-20.90	Real Estate
igodot Equinix Inc		4.94	31.06	12.44	Real Estate
igodot Public Storage		2.95	34.02	-2.74	Real Estate
⊖ Crown Castle Inc		2.94	36.96	-28.69	Real Estate
⊖ Welltower Inc		2.68	39.64	27.77	Real Estate
⊕ Realty Income Corp		2.55	42.19	-17.66	Real Estate
igodot Digital Realty Trust Inc		2.46	44.65	24.34	Real Estate
\ominus Simon Property Group Inc		2.43	47.08	-3.32	Real Estate
		2.26	49.35	-0.50	Real Estate
igodot Extra Space Storage Inc		1.84	51.18	-14.09	Real Estate
igodot VICI Properties Inc Ordinary Shares		1.82	53.01	-6.50	Real Estate
igodot CBRE Group Inc Class A		1.79	54.79	-4.03	Real Estate
AvalonBay Communities Inc		1.76	56.56	9.39	Real Estate

Total Holdings 165

🕀 Increase 👄 Decrease 🕸 New to Portfolio

Morningstar Category **Morningstar Index** Real Estate S&P United States REIT TR USD Asset Allocation as of 09-30-2023

100

US Stocks	98.96	84.46
Non-US Stocks	0.02	1.18
Bonds	0.00	3.40
Cash	1.02	0.51
Other	0.00	10.42
Total	100.00	100.00

Sector Weighting as of 09-30-2023

0

50

		Fund	Bmark	Cat	Fund	۲	Be	nchn	nark		Cate	gor	y Av	/era	age				
Դ	Cyclical	99.14	99.13	99.22															
æ.	Basic Materials	0.00	0.00	0.05	Í.														
A	Consumer Cyclical	0.00	0.13	1.55	1														
цů	Financial Services	0.00	0.00	0.29															
ŵ	Real Estate	99.14	99.00	97.33												-			
w	Sensitive	0.86	0.87	0.71	0														
	Communication Services	0.86	0.00	0.20															
•	Energy	0.00	0.00	0.04															
Ф	Industrials	0.00	0.87	0.26	ľ														
	Technology	0.00	0.00	0.21															
-	Defensive	0.00	0.00	0.07															
E	Consumer Defensive	0.00	0.00	0.00															
٠	Healthcare	0.00	0.00	0.01															
2	Utilities	0.00	0.00	0.06															
					0% F 1	0 15	20	25.2	0 25	10	15	50 1	55.0		65 -	707	5 0		0 0

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Vanguard Small Cap Growth Index Admiral VSGAX

Portfolio Manager(s)

Gerard O'Reilly since 12-2004 William Coleman since 04-2016

Quantitative Screens

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

Management: The fund's management has been in place for 18.76 years.

Style: The fund has landed in its primary style box — Small Growth - 81.25 % of the time over the past three years.

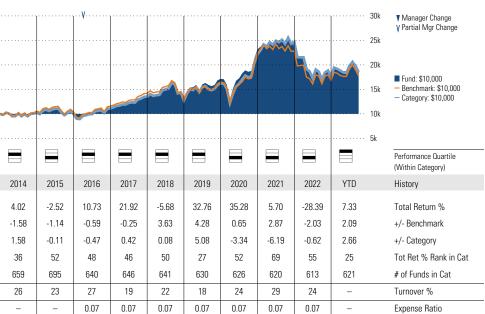
Net Expense: The fund's expense ratio of 0.07 is 93.97% lower than the Small Growth category average.

Morningstar Investment Management LLC Analysis

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

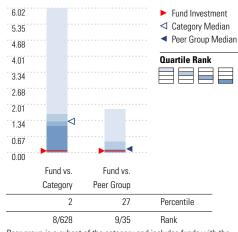
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022









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

Fund Bmark Cat Alpha -0.66 0.22 Beta 0.93 0.92 96.29 **R-Squared** 89.86 Standard Deviation 21 75 22.93 22 32 Sharpe Ratio 0.03 0.07 0.07 Tracking Error 4.48 7.45 Information Ratio -0.15 -0.01 Up Capture Ratio 96.49 94.65 Down Capture Ratio 98.74 94.64 Deutfelie Metuiee

Formotio metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	24.33	20.11	24.88
Price/Book Ratio	3.65	3.83	3.93
Geom Avg Mkt Cap \$B	5.91	2.75	5.46
ROE	9.62	9.52	14.27

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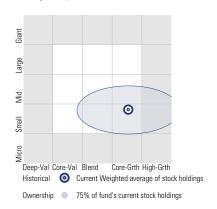


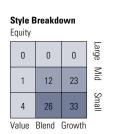
Morningstar Category Morningstar Index Small Growth

Russell 2000 Growth TR USD

Vanguard Small Cap Growth Index Admiral VSGAX

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







>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\ominus Slcmt1142	2.42	2.42	_	-
€ Fair Isaac Corp	1.02	3.44	45.10	Technology
🕀 Targa Resources Corp	0.93	4.37	18.46	Energy
➔ PTC Inc	0.83	5.20	18.03	Technology
\oplus Entegris Inc	0.72	5.92	43.63	Technology
€ Exact Sciences Corp	0.72	6.64	37.79	Healthcare
	0.71	7.35	19.92	Industrials
➔ Deckers Outdoor Corp	0.66	8.02	28.79	Consumer Cyclical
€ Vertiv Holdings Co Class A	0.64	8.66	172.33	Industrials
\oplus Liberty Formula One Group Registered Shs Series -C- Formula One	0.64	9.30	6.23	Communication Svc
€ Lattice Semiconductor Corp	0.64	9.94	32.44	Technology
€ Graco Inc	0.60	10.54	9.40	Industrials
🕀 Nordson Corp	0.60	11.14	-5.29	Industrials
€ Manhattan Associates Inc	0.60	11.73	62.82	Technology
🕀 Bio-Techne Corp	0.59	12.32	-17.58	Healthcare

Total Holdings 652

 \oplus Increase \oplus Decrease R New to Portfolio

0 50 100

Fund

24.12

2.30

12.40

3.72

5.70

53.05

2.74

5.43

17.34

27 54

22.84

3.94

18.20

0.70

Bmark

21.85

4.54

10.51

5 1 9

1.61

49.92

1.93

5.13

18.17

24 69

28.21

4.71

21.89

1.61

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

Industrials

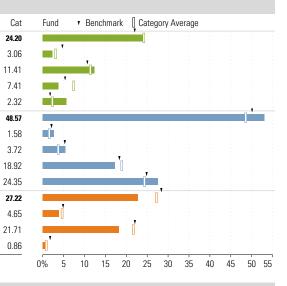
Technology

Defensive

Healthcare

Consumer Defensive

Asset Class Net % Cat% **US Stocks** 96.94 91.66 Non-US Stocks 0.62 4.65 Bonds 0.00 0.02 Cash 2.43 2.44 Other 0.00 1.21 Total 100.00 100.00





Morningstar Category

Morningstar Index Russell 2000 Growth TR USD

Asset Allocation as of 09-30-2023

Vanguard Small Cap Value Index Admiral VSIAX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 7.43 years.

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

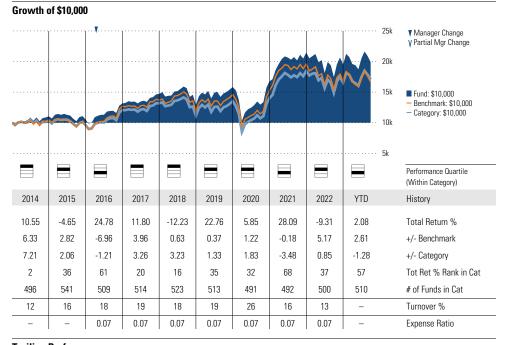
Net Expense: The fund's expense ratio of 0.07 is 93.75% lower than the Small Value category average.

Morningstar Investment Management LLC Analysis

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

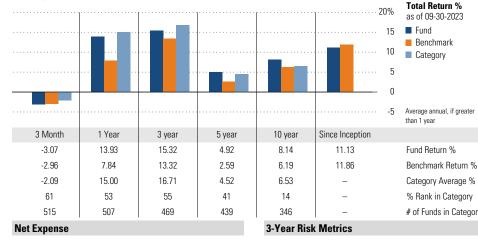
ESG Metrics

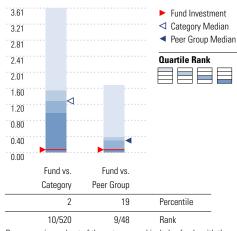
Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Small Value







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

346 -	# of Funds in Category			
3-Year Risk Metrics				
	Fund	Bmark	Cat	
Alpha	2.66	-	3.37	
Beta	0.92	-	0.94	
R-Squared	96.77	_	93.31	
Standard Deviation	21.67	23.16	22.57	
Sharpe Ratio	0.67	0.56	0.69	
Tracking Error	4.31	-	5.97	
Information Ratio	0.46	-	0.51	
Up Capture Ratio	96.56	-	98.85	
Down Capture Ratio	88.72	-	88.84	

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.42	9.46	11.18
Price/Book Ratio	1.67	1.23	1.61
Geom Avg Mkt Cap \$B	5.23	1.89	4.32
ROE	15.32	7.74	15.96

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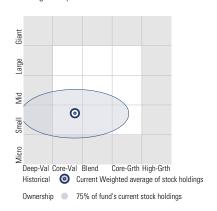


Morningstar Category Morningstar Index

Russell 2000 Value TR USD

Vanguard Small Cap Value Index Admiral VSIAX

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







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	0.78	0.78	_	_
igodolog Builders FirstSource Inc	0.68	1.46	91.88	Industrials
igodolog Bunge Ltd	0.63	2.09	10.42	Consumer Defensive
⊖ IDEX Corp	0.63	2.71	-8.07	Industrials
igap Reliance Steel & Aluminum Co	0.61	3.33	31.02	Basic Materials
∋ Atmos Energy Corp	0.57	3.89	-3.50	Utilities
igodolog Booz Allen Hamilton Holding Corp Class A	0.55	4.44	5.89	Industrials
∋ Jabil Inc	0.53	4.97	86.41	Technology
igodolog First Citizens BancShares Inc Class A	0.50	5.47	82.28	Financial Services
∋ APA Corp	0.49	5.97	-10.35	Energy
igap Carlisle Companies Inc	0.49	6.46	11.02	Industrials
\ni Owens-Corning Inc	0.47	6.93	61.75	Industrials
ightarrow RPM International Inc	0.47	7.40	-1.42	Basic Materials
∋ AECOM	0.45	7.85	-1.59	Industrials
igodolog Gaming and Leisure Properties Inc	0.43	8.28	-7.91	Real Estate

Total Holdings 855

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

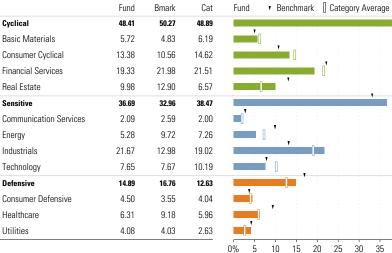
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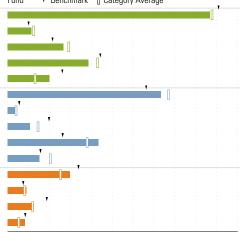
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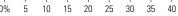
50 55

Asset Class Net % Cat% **US Stocks** 98.26 93.12 Non-US Stocks 0.79 3.32 Bonds 0.00 0.04 Cash 0.95 3.43 0.00 Other 0.09 Total 100.00 100.00



100





Russell 2000 Value TR USD

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

0

Դ Cyclical

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A

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3

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Energy

¢

F

Utilities 50

Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

ESG Metrics

Sustainability Rating

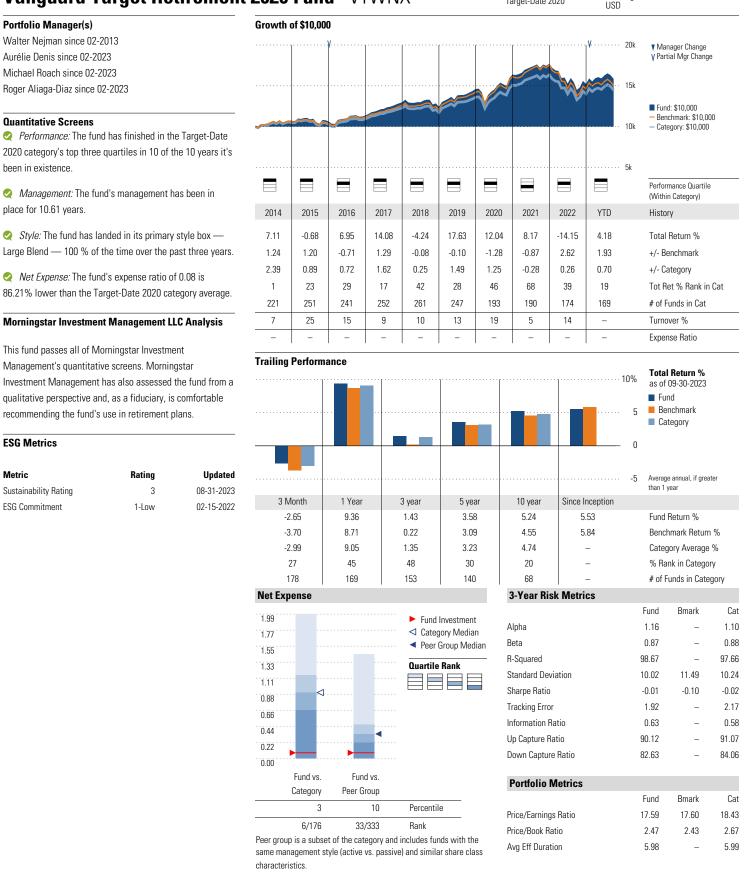
ESG Commitment

Metric

Aurélie Denis since 02-2023

Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category Target-Date 2020



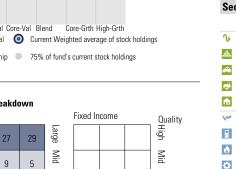
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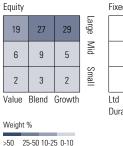
Vanguard Target Retirement 2020 Fund VTWNX

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

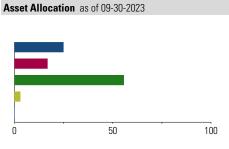




Style Breakdown



Low Mod Ext Duration



Asset Class Net % Cat% US Stocks 24.84 26.35 Non-US Stocks 16.72 14.08 Bonds 55.55 49.41 Cash 2.86 2.01 Other 0.03 8.15 100.00 Total 100.00

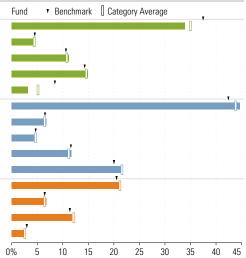
Morningstar Category

Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Sector Weighting as of 09-30-2023 Fund

		Fund	Bmark	Cat	Fund • Be
Դ	Cyclical	33.91	37.33	34.97	
ŵ.	Basic Materials	4.66	4.38	4.41	
A	Consumer Cyclical	11.20	10.48	10.80	
¢,	Financial Services	14.91	14.15	14.61	
ŵ	Real Estate	3.14	8.32	5.15	
w	Sensitive	44.71	42.27	43.84	
đ	Communication Services	6.78	6.38	6.45)
0	Energy	4.58	4.56	4.63	
٥	Industrials	11.66	11.45	11.18	
	Technology	21.69	19.88	21.58	
→	Defensive	21.38	20.39	21.18	
F	Consumer Defensive	6.81	6.32	6.45]
٠	Healthcare	11.82	11.25	12.17	
2	Utilities	2.75	2.82	2.56	



Top 7 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Vanguard Total Bond Market II Idx Inv	_	31.67	31.67	_	_
\ni Vanguard Total Stock Mkt Idx Instl PIs	-	25.00	56.68	_	-
\ni Vanguard Total Intl Stock Index Inv	-	17.18	73.86	_	-
\oplus Vanguard Total Intl Bd II Idx Insl	-	14.20	88.06	_	-
\oplus Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	11.09	99.15	-	_
⊖ Mktliq 12/31/2049	-	0.87	100.02	-	-
\ominus Us Dollar	-	0.02	100.03	_	-

Total Holdings 7

 \oplus Increase \oplus Decrease New to Portfolio



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

ESG Metrics

Sustainability Rating

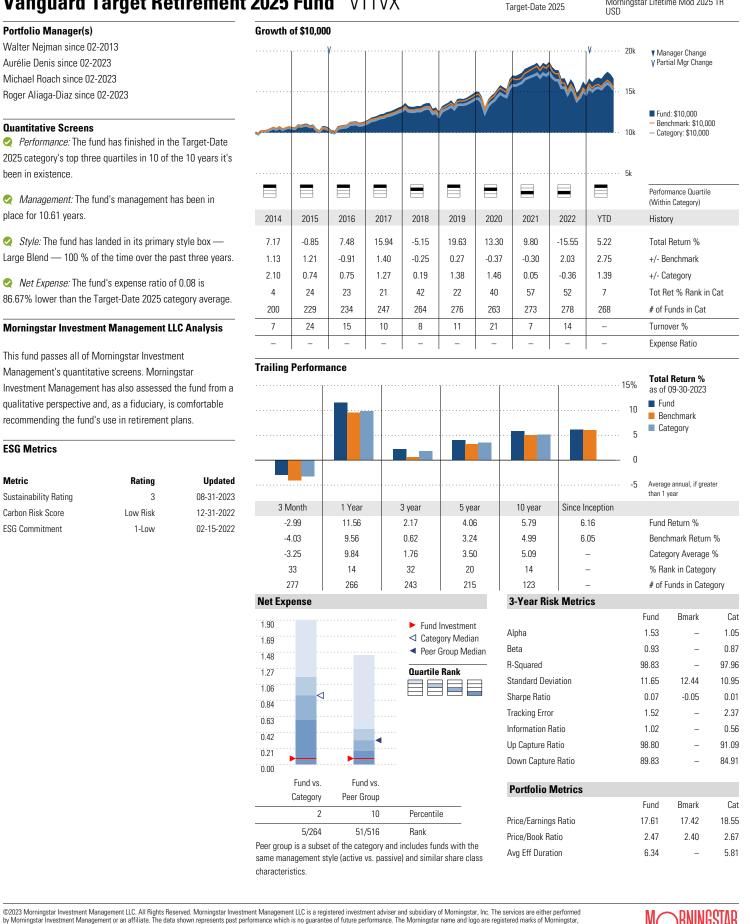
Carbon Risk Score

ESG Commitment

Metric

Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category

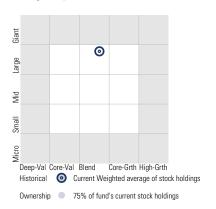


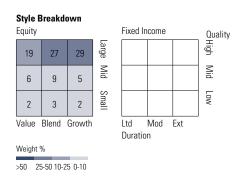
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Vanguard Target Retirement 2025 Fund VTTVX

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





Other	0.04	
	0.04	10.74
Cash	2.78	2.65
Bonds	43.07	42.50
Non-US Stocks	21.66	14.63
US Stocks	32.45	29.48
Asset Class	Net %	Cat%

Morningstar Category

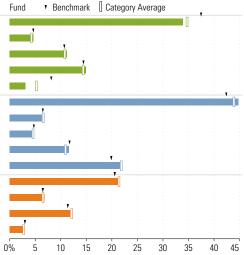
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fu
Դ	Cyclical	33.87	37.32	34.72	
æ.	Basic Materials	4.65	4.48	4.27	
	Consumer Cyclical	11.20	10.55	10.80	
ц.	Financial Services	14.89	14.30	14.40	
ŵ	Real Estate	3.13	7.99	5.25	
w	Sensitive	44.74	42.26	43.89	
	Communication Services	6.79	6.35	6.55	
0	Energy	4.58	4.59	4.57	
¢	Industrials	11.64	11.58	10.93	
	Technology	21.73	19.74	21.84	
-	Defensive	21.38	20.43	21.39	
F	Consumer Defensive	6.81	6.35	6.51	
٠	Healthcare	11.83	11.24	12.14	
9	Utilities	2.74	2.84	2.74	
					~~~



#### Top 7 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	32.66	32.66	_	_
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	27.46	60.13	_	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	22.26	82.39	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	11.98	94.37	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	4.46	98.83	-	_
⊖ Mktliq 12/31/2049	-	1.17	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
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Diaz since 02-2023

#### 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 10.61 years.

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

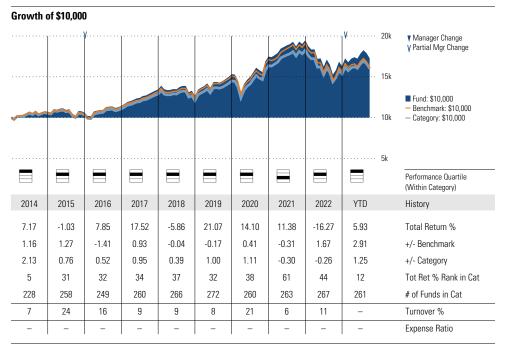
Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

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

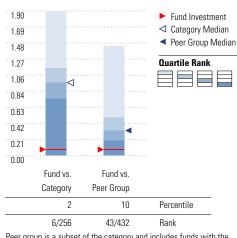


Morningstar Category

Target-Date 2030







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 **3-Year Risk Metrics** Fund Bmark Cat Alpha 1.39 1.18 0.94 0.91 Beta _ 99.00 **R-Squared** 98.28 13.50 Standard Deviation 12 77 12 37 Sharpe Ratio 0.13 0.03 0.11 Tracking Error 1.51 2.14 Information Ratio 0.91 0.62 Up Capture Ratio 98.80 95.10 Down Capture Ratio 91.39 88.80

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.68	17.24	18.53
Price/Book Ratio	2.49	2.37	2.75
Avg Eff Duration	6.73	-	5.85

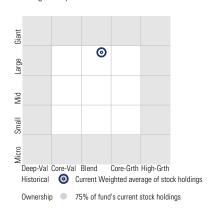
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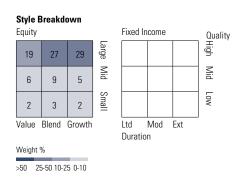


Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Vanguard Target Retirement 2030 Fund VTHRX

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





# 

Other	0.03	11.85
Cash	2.48	1.01
Bonds	34.52	33.26
Non-US Stocks	24.70	18.47
US Stocks	38.27	35.41
Asset Class	Net %	Cat%

Morningstar Category

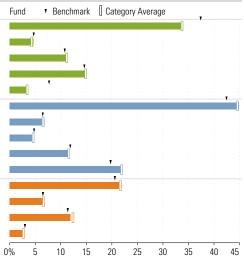
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund 🔻	B
Դ	Cyclical	33.77	37.24	33.74		
<i>.</i> #.	Basic Materials	4.60	4.56	4.31		
4	Consumer Cyclical	11.20	10.64	11.15		
<b>L</b>	Financial Services	14.83	14.47	14.87		
ŵ	Real Estate	3.14	7.57	3.41		
w,	Sensitive	44.84	42.30	44.59		
	Communication Services	6.82	6.34	6.53	]	
0	Energy	4.57	4.63	4.59		
¢	Industrials	11.60	11.72	11.57		
	Technology	21.85	19.61	21.90		
-	Defensive	21.40	20.45	21.68		
F	Consumer Defensive	6.79	6.37	6.62		
٠	Healthcare	11.87	11.23	12.39	-	
2	Utilities	2.74	2.85	2.67		
						_



#### Top 6 Holdings as of 09-30-2023

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	38.53	38.53	_	_
-	25.37	63.90	-	-
-	24.41	88.31	-	-
-	10.56	98.87	-	-
-	1.11	99.98	-	_
-	0.02	100.00	-	_
	- - - - -	- 38.53 - 25.37 - 24.41 - 10.56 - 1.11	- 38.53 38.53 - 25.37 63.90 - 24.41 88.31 - 10.56 98.87 - 1.11 99.98	- 38.53 38.53 - - 25.37 63.90 - - 24.41 88.31 - - 10.56 98.87 - - 1.11 99.98 -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## Vanguard Target Retirement 2035 Fund VTTHX

Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### 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 10.61 years.

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

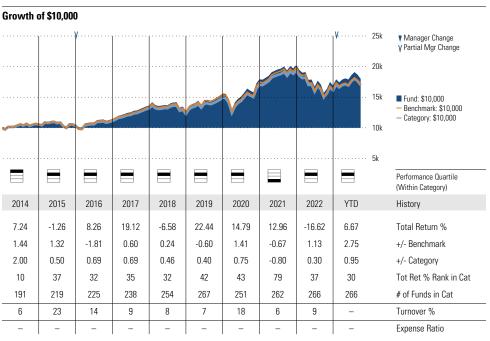
Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2035 category average.

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

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

#### **ESG Metrics**

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



Morningstar Category

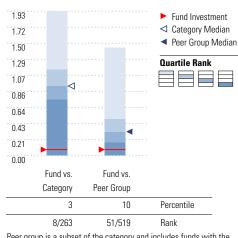
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 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.	

Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.91 0.97 0.93 0.94 Beta _ 99.07 **R-Squared** 98.48 Standard Deviation 13 72 14 62 13.83 Sharpe Ratio 0.20 0.14 0.20 Tracking Error 1.63 2.06 Information Ratio 0.48 0.51 Up Capture Ratio 96.61 97.43 Down Capture Ratio 92.20 92.79

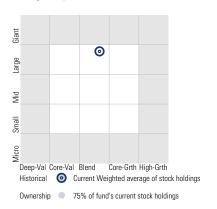
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.70	17.07	18.50
Price/Book Ratio	2.50	2.34	2.71
Avg Eff Duration	6.73	-	6.11

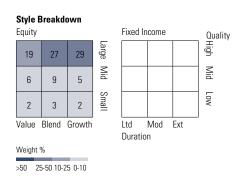
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## Vanguard Target Retirement 2035 Fund VTTHX

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





# 

Other		12.02
0.1	0.03	12 02
Cash	2.60	1.63
Bonds	27.17	22.52
Non-US Stocks	27.35	21.09
US Stocks	42.84	42.75
Asset Class	Net %	Cat%

Morningstar Category

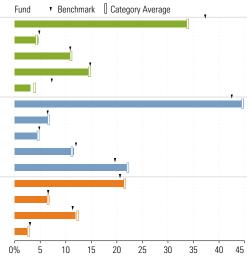
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.74	37.16	33.85
æ.	Basic Materials	4.60	4.67	4.29
<b>A</b>	Consumer Cyclical	11.19	10.73	11.02
цů	Financial Services	14.82	14.64	14.63
ŵ	Real Estate	3.13	7.12	3.91
w	Sensitive	44.87	42.35	44.61
	Communication Services	6.82	6.32	6.65
0	Energy	4.57	4.67	4.60
٥	Industrials	11.59	11.86	11.21
	Technology	21.89	19.50	22.15
<b>→</b>	Defensive	21.38	20.48	21.55
F	Consumer Defensive	6.77	6.41	6.53
٠	Healthcare	11.87	11.21	12.34
9	Utilities	2.74	2.86	2.68



#### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	-	43.13	43.13	_	_
$\ni$ Vanguard Total Intl Stock Index Inv	-	28.10	71.22	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	19.21	90.43	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	8.31	98.74	_	-
⊕ Mktliq 12/31/2049	-	1.24	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## Vanguard Target Retirement 2040 Fund VFORX

.....

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### 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 10.61 years.

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

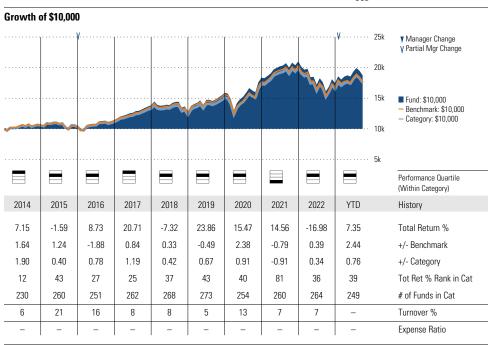
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2040 category average.

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



Morningstar Category

Target-Date 2040

#### **Trailing Performance**



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation

1.95 Fund Investment Category Median 1.73 Peer Group Median 1.52 1.30 Quartile Rank 1.08 0.87 0.65 0.43 0.22 Fund vs Fund vs Peer Group Category 3 10 Percentile 6/244 42/429 Rank

	Portfolio Metrics		
		Fund	Bmark
	Price/Earnings Ratio	17.75	16.90
	Price/Book Ratio	2.51	2.31
9 55	Avg Eff Duration	6.72	_

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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Fund

0.44

0.94

99.00

14 68

0.25

1.79

0.12

95.53

93.64

Bmark

15.62

0.23

Cat

0.45

0.95

98.40

14 97

0.25

2.19

0.20

97.38

95.57

Cat

18.51

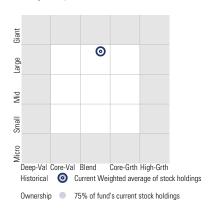
2.74

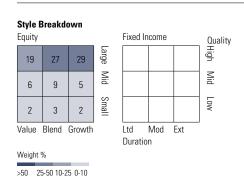
611

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

## Vanguard Target Retirement 2040 Fund VFORX

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





# 

Other	0.01	
	0.04	12 62
Cash	2.43	1.13
Bonds	20.50	12.60
Non-US Stocks	29.64	24.30
US Stocks	47.39	49.37
Asset Class	Net %	Cat%

Morningstar Category

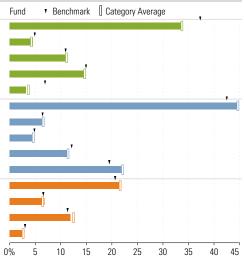
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	۷B
Դ	Cyclical	33.67	37.16	33.71		
æ.	Basic Materials	4.57	4.77	4.27		
A	Consumer Cyclical	11.18	10.81	11.12		
цф	Financial Services	14.78	14.80	14.67		,
ŵ	Real Estate	3.14	6.78	3.65		,
w,	Sensitive	44.92	42.35	44.68		
	Communication Services	6.82	6.30	6.55	-	Ú
•	Energy	4.58	4.70	4.62		
¢	Industrials	11.56	11.99	11.42		
	Technology	21.96	19.36	22.09		
-	Defensive	21.40	20.50	21.62		
F	Consumer Defensive	6.77	6.44	6.47		Ú.
٠	Healthcare	11.90	11.19	12.51	_	
9	Utilities	2.73	2.87	2.64		



#### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	47.71	47.71	_	_
$\ominus$ Vanguard Total Intl Stock Index Inv	-	30.44	78.16	-	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	14.69	92.85	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	6.07	98.92	-	-
⊖ Mktliq 12/31/2049	-	1.07	99.99	-	-
🕀 Us Dollar	_	0.01	100.00	-	_

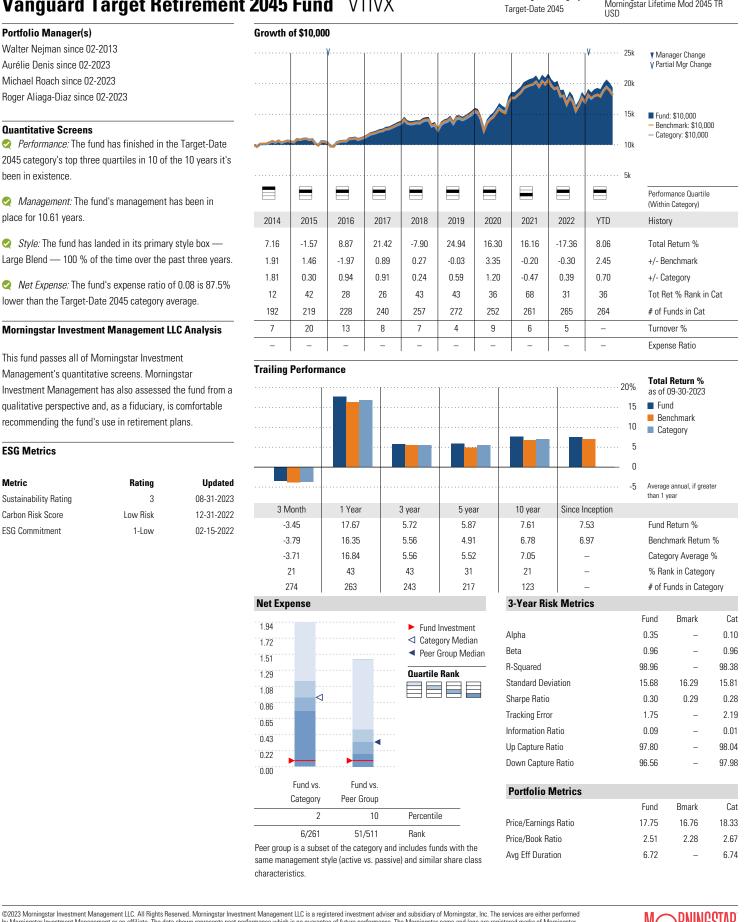
#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category



Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### Quantitative Screens

Portfolio Manager(s)

*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 10.61 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 87.5% 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**

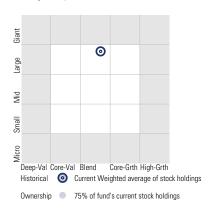
Metric	Rating	Update
Sustainability Rating	3	08-31-20
Carbon Risk Score	Low Risk	12-31-20
ESG Commitment	1-Low	02-15-20

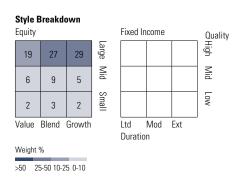
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## Vanguard Target Retirement 2045 Fund VTIVX

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





# 

32.25 13.47 2.61 0.05	7.95 1.22 10.87
13.47	7.95
32.20	Z7.Z1
32.25	27.21
51.62	52.76
Net %	Cat%
	51.62

Morningstar Category

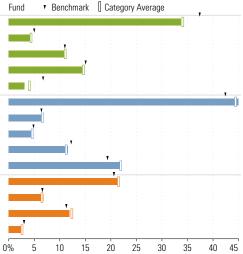
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund • Benchmark
Դ	Cyclical	33.67	37.25	34.09	
ŵ.	Basic Materials	4.57	4.86	4.37	
A	Consumer Cyclical	11.19	10.86	11.06	
¢,	Financial Services	14.78	14.93	14.62	
æ	Real Estate	3.13	6.60	4.04	
~	Sensitive	44.93	42.27	44.41	
	Communication Services	6.83	6.27	6.61	
	Energy	4.57	4.71	4.60	
\$	Industrials	11.56	12.09	11.27	(
	Technology	21.97	19.20	21.93	
-	Defensive	21.41	20.46	21.49	
F	Consumer Defensive	6.77	6.45	6.51	
٠	Healthcare	11.90	11.14	12.37	
	Utilities	2.74	2.87	2.61	



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt ldx Instl PIs	_	51.98	51.98	_	_
$\ominus$ Vanguard Total Intl Stock Index Inv	-	33.12	85.10	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	9.77	94.87	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	3.88	98.75	_	-
⊖ Mktliq 12/31/2049	-	1.24	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	-	_

### Total Holdings 6



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

Carbon Risk Score

ESG Commitment

Metric

Walter Nejman since 02-2013

Roger Aliaga-Diaz since 02-2023

Aurélie Denis since 02-2023 Michael Roach since 02-2023

## Vanguard Target Retirement 2050 Fund VFIFX



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

Avg Eff Duration

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671

Cat

-0.06

0.97

98.24

16 20

0.29

2.24

-0.09

98.54

99.27

Cat

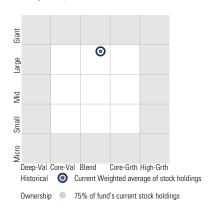
18.33

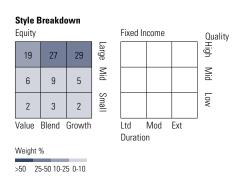
2.67

6.59

## Vanguard Target Retirement 2050 Fund VFIFX

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





# 

Other		
	0.05	9.76
Cash	2.47	1.16
Bonds	9.40	5.60
Non-US Stocks	34.38	28.24
US Stocks	53.71	55.24
Asset Class	Net %	Cat%

Morningstar Category

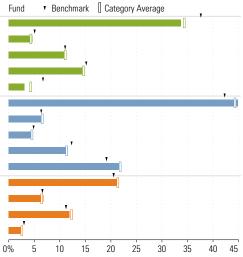
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	۲
Դ	Cyclical	33.74	37.47	34.36		-
ŵ.	Basic Materials	4.60	4.94	4.34		
4	Consumer Cyclical	11.19	10.91	11.07		
¢,	Financial Services	14.82	15.04	14.63		
ŵ	Real Estate	3.13	6.58	4.32		
<b>N</b>	Sensitive	44.85	42.13	44.29		
	Communication Services	6.81	6.23	6.57		
0	Energy	4.58	4.73	4.55		
\$	Industrials	11.59	12.17	11.35		
	Technology	21.87	19.00	21.82		
<b>→</b>	Defensive	21.41	20.40	21.36		
F	Consumer Defensive	6.79	6.46	6.47		
٠	Healthcare	11.88	11.08	12.32	_	
<b>?</b>	Utilities	2.74	2.86	2.57		
						i



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	54.07	54.07	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.31	89.38	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.88	96.26	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.64	98.90	_	-
① Mktliq 12/31/2049	-	1.08	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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## Vanguard Target Retirement 2055 Fund VFFVX

Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### 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 10.61 years.

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

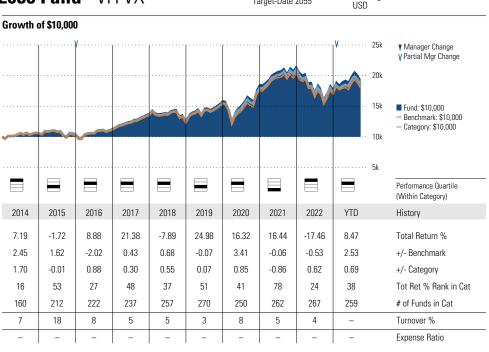
Net Expense: The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2055 category average.

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

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

### **ESG Metrics**

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

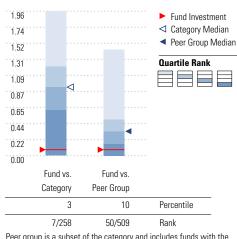


Morningstar Category

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.

3-Tear Kisk Weurics			
	Fund	Bmark	Cat
Alpha	0.18	-	0.03
Beta	0.95	-	0.97
R-Squared	98.79	-	98.19
Standard Deviation	15.99	16.66	16.37
Sharpe Ratio	0.31	0.31	0.30
Tracking Error	1.92	-	2.24
Information Ratio	-0.02	-	-0.04
Up Capture Ratio	97.64	-	99.47
Down Capture Ratio	97.27	-	99.88

Morningstar Index Morningstar Lifetime Mod 2055 TR

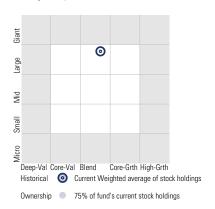
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.65	16.51	18.11
Price/Book Ratio	2.48	2.22	2.65
Avg Eff Duration	6.71	-	7.49

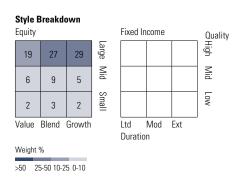
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## Vanguard Target Retirement 2055 Fund VFFVX

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





# 

Other	0.05	10.20
		40.00
Cash	2.39	1.06
Bonds	9.48	5.90
Non-US Stocks	34.83	28.85
US Stocks	53.25	54.00
Asset Class	Net %	Cat%

Morningstar Category

Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

30 35 40 45

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	T	Bench	mark	Categ	jory Ave	erage
Դ	Cyclical	33.81	37.74	34.34		-		-			
k.	Basic Materials	4.62	5.02	4.49			_				
3	Consumer Cyclical	11.20	10.93	11.13							
цů.	Financial Services	14.86	15.13	14.92							
ŵ	Real Estate	3.13	6.66	3.80							
M	Sensitive	44.80	41.95	44.61							
	Communication Services	6.80	6.19	6.64		]					
•	Energy	4.58	4.74	4.72							
<b>\$</b>	Industrials	11.62	12.23	11.36					_		
	Technology	21.80	18.79	21.89							
-	Defensive	21.39	20.31	21.05		_			)		
1	Consumer Defensive	6.79	6.45	6.40		0	_				
٠	Healthcare	11.86	11.00	12.12			]				
<b>9</b>	Utilities	2.74	2.86	2.53							
-					0%	5	10	15	20	25	30

### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodot Vanguard Total Stock Mkt Idx Instl PIs	_	53.61	53.61	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.79	89.40	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.96	96.35	_	-
🕀 Vanguard Total Intl Bd II Idx Insl	-	2.65	99.00	-	-
⊖ Mktliq 12/31/2049	-	1.00	100.00	-	-
$\Theta$ Us Dollar	_	0.00	100.00	-	_

### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

Portfolio Manager(s)

Walter Neiman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### 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 10.61 years.

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

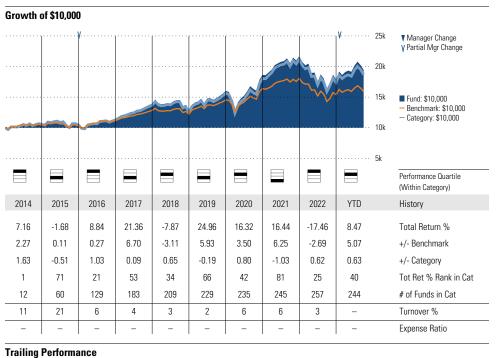
Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

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

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

### **ESG Metrics**

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



Morningstar Category

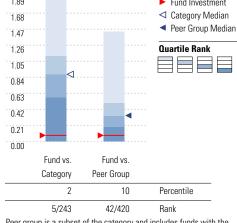
Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD



Beta



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

Average annual, if greater Benchmark Return % Category Average % % Rank in Category # of Funds in Category Cat 3.12 3.10 1.32 1 29 98.50 **R-Squared** 97.20 12.30 Standard Deviation 15.97 16 42 Sharpe Ratio 0.31 0.08 0.30 Tracking Error 4.06 4.78 Information Ratio 0.89 0.75 Up Capture Ratio 141.38 144.61 Down Capture Ratio 124.11 127.71 

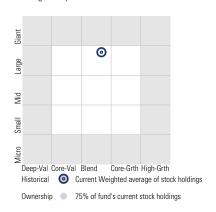
Portfolio Metrics												
	Fund	Bmark	Cat									
Price/Earnings Ratio	17.63	16.40	18.07									
Price/Book Ratio	2.48	2.18	2.61									
Avg Eff Duration	6.71	-	6.43									

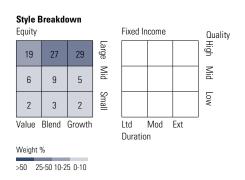
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## Vanguard Target Retirement 2060 Fund VTTSX

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





## 

Asset Class	Net %	Cat%
US Stocks	53.02	47.90
Non-US Stocks	35.03	30.80
Bonds	9.47	5.12
Cash	2.44	1.28
Other	0.05	14.90
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

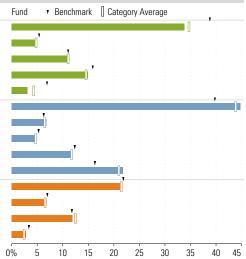
Morningstar Category

Target-Date 2060

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.85	38.65	34.70	
æ.	Basic Materials	4.64	5.23	4.77	
4	Consumer Cyclical	11.20	10.91	11.06	
<b>.</b>	Financial Services	14.88	15.73	14.57	
ŵ	Real Estate	3.13	6.78	4.30	
$\sim$	Sensitive	44.77	39.63	43.85	
	Communication Services	6.80	6.14	6.47	
0	Energy	4.58	5.13	4.68	
Ф	Industrials	11.63	12.21	11.72	
	Technology	21.76	16.15	20.98	
-	Defensive	21.39	21.71	21.45	
	Consumer Defensive	6.79	6.83	6.53	
٠	Healthcare	11.85	11.65	12.49	
	Utilities	2.75	3.23	2.43	



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector	
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.37	53.37	_	_	
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.99	89.36	-	-	
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.94	96.30	-	-	
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.65	98.95	-	-	
① Mktliq 12/31/2049	-	1.03	99.98	-	-	
🕀 Us Dollar	-	0.02	100.00	-	_	

### Total Holdings 6



## Vanguard Target Retirement 2065 Fund VLXVX

Growth of \$10,000

### Portfolio Manager(s)

Walter Nejman since 07-2017 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### Quantitative Screens

Performance: The fund has finished in the Target-Date 2065+ category's top three quartiles in 4 of the 6 years it's been in existence.

*Management:* The fund's management has been in place for 6.22 years.

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

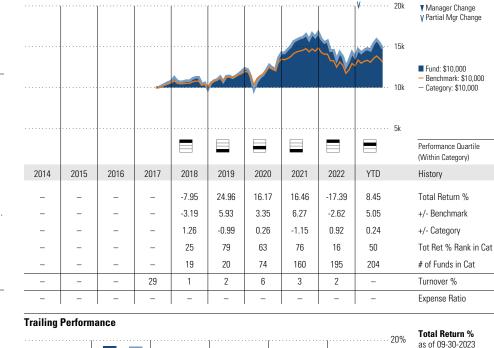
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2065+ category average.

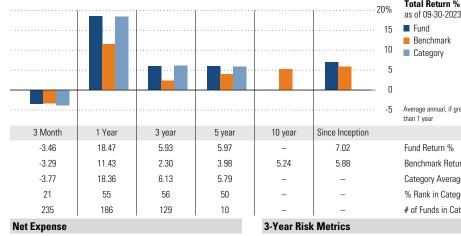
### Morningstar Investment Management LLC Analysis

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

### **ESG Metrics**

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





Alpha

Beta

R-Squared

Sharpe Ratio

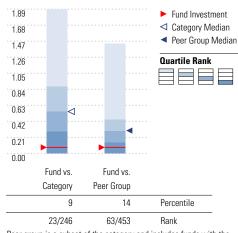
Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation



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

Average annual, if greater Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund **Bmark** Cat 3.14 2.96 1 34 1 29 98.48 97.56 12.30 15.98 16 70 0.31 0.08 0.30 4.07 4.95 0.89 0.70 141.53 146.28 124.16 130.15

Portfolio Metrics													
	Fund	Bmark	Cat										
Price/Earnings Ratio	17.63	16.40	17.76										
Price/Book Ratio	2.48	2.18	2.52										
Avg Eff Duration	6.71	-	6.43										

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Morningstar Index

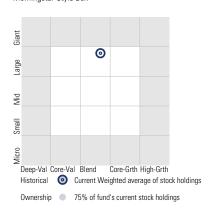
**Morningstar Category** 

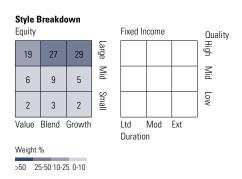
Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2065 Fund VLXVX

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





## 50 100 0

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Asset Class	Net %	Cat%
US Stocks	52.92	48.27
Non-US Stocks	34.99	32.03
Bonds	9.34	6.73
Cash	2.71	1.80
Other	0.05	11.18
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

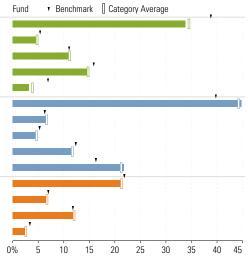
**Morningstar Category** 

Target-Date 2065+

Cat

#### Bmark Fund Դ Cyclical 33.85 38.65 34.51 ŵ. Basic Materials 4.64 5.23 4.77 Consumer Cyclical 11.19 10.91 11.11 ц. Financial Services 14 88 15 73 14 75 ŵ Real Estate 3.14 6.78 3.88 Sensitive 44.78 39.63 ~ đ **Communication Services** 6.80 6.14 Energy 4.59 5.13 ¢ Industrials 11.63 12.21

#### 44.22 6.64 4.66 11.67 Technology 21.76 16.15 21.25 21.38 21.71 Defensive 21.29 **Consumer Defensive** 6.79 6.83 6.71 Healthcare 11.84 11.65 12.01 Utilities 2.75 3.23 2.57



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	-	53.27	53.27	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.95	89.22	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.79	96.01	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.66	98.68	-	-
⊕ Mktliq 12/31/2049	-	1.23	99.91	-	-
🕀 Us Dollar	-	0.09	100.00	_	_

### Total Holdings 6



### Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category** 

**Morningstar Index** NЛ

Vanguard Ta	U														USD
Portfolio Manager(s)			Growth	of \$10,000											
Walter Nejman since 06-2 Aurélie Denis since 02-202 Michael Roach since 02-20 Roger Aliaga-Diaz since 02	23 023							[				· ·····	γPa	lanager Change artial Mgr Chan	
<b>Quantitative Screens</b> The Performance screen is less than three years of da		nds with									~~~~		— B	ınd: \$10,000 enchmark: \$10, ategory: \$10,00	
× Management: The function of the function of the second s		n has been in												ormance Quarti hin Category)	le
Style: The fund has la	nded in its primary st	vle box —	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	Hist	ory	
Large Blend — 100 % of t			_	_	_	_	_	_	_	_	_	8.49	Tota	al Return %	
Not Expanse The function	l'a avenaga ratio of 0	00 :	_	-	_	_	-	-	-	_	-	5.09	+/-	Benchmark	
Net Expense: The funct 86.67% lower than the Tail			-	-	-	-	-	-	-	-	-	0.28	+/-	Category	
average.		gory	-	-	_	-	-	-	-	-	-	45	Tot	Ret % Rank i	n Cat
			_	-	-	-	-	-	-	-	_	204	# of	Funds in Cat	
Morningstar Investment	t Management LLC	Analysis	_	-	-	-	-	-	-	-	44	-		nover %	
This fund fails the manage	er tenure screen due t	to a limited	-	-	-	-	-	-	-	-	-	-	Exp	ense Ratio	
history for this target-date			Trailing	Performa	ince										
ESG Metrics													20% as o 15 ■ F	<b>al Return %</b> of 09-30-2023 und Benchmark	
Metric	Rating	Updated											10	ategory	
Sustainability Rating	3	08-31-2023											5		
Carbon Risk Score	Low Risk	12-31-2022											0		
														age annual, if gre	ater
			3 N	lonth	1 Year		3 year	5 ye	ar	10 year	Since I	nception	than	1 year	
				8.47	18.49		_	-		-		.57	Fun	d Return %	
			-3	8.29	11.43		2.30	3.9	8	5.24	5	.88	Ben	chmark Retu	m %
			-3	8.77	18.36		6.13	5.7	9	-		-		egory Averag	
				23	52		-	-		-		-		lank in Categ	
			Net Exp	35	186		-	-	- I	3-Year Ri	1	-	# 01	Funds in Cat	egory
			Mer Exh	lelise						J-Tedi ni	SK WEUT	68	Fund	Bmark	(
			1.89					Investmen gory Media		Alpha			-	-	2
			1.68 1.47					Group Media		Beta			-	-	1
			1.47				Quartile	Rank		R-Squared			-	-	97
			1.05							Standard De			-	12.30	16
			0.84							Sharpe Ratio			-	0.08	0
			0.63							Tracking Erro			_	_	4 0
			0.42			-				Up Capture I			_	_	146
			0.21		<b>&gt;</b>	_				Down Captu			_	_	130
			0.00	Fund vs.	Fun	d vs.									
				Category	Peer G					Portfolio	Metrics		Fund	Dmork	
				9		14	Percenti	le		Price/Earnin	as Batio		Fund 17.66	Bmark 16.40	( 17.
				23/246		/453	Rank			Price/Book F	•		2.48	2.18	2
				o is a subset agement st stics.		• •				Avg Eff Dura			6.73	_	6
©2023 Morningstar Investment Mana by Morningstar Investment Manageme	gement LLC. All Rights Reserve	ed. Morningstar Invest	ment Manageme	nt II C is a regis	stered investo	ant advisor	and subsidiary	of Morningot	l Th	an ison are sithe				<b>NRNIN</b>	0.071



Cat

2.96 1.34

97.56

16.70

0.30 4.95

0.70

146.28

130.15

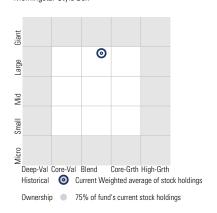
Cat 17.76

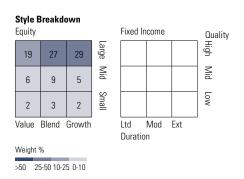
2.52

6.43

## Vanguard Target Retirement 2070 Fund VSVNX

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





## 

4.81 9.82 2.01 0.05	32.03 6.73 1.80 11.18
9.82	6.73
4.81	32.03
3.31	48.27
et %	Cat%
	/-

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Morningstar Category

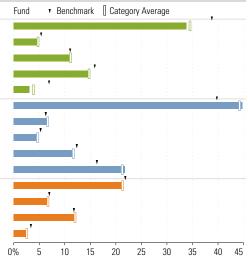
Target-Date 2065+

0

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.80	38.65	34.51
<i>.</i>	Basic Materials	4.62	5.23	4.77
<b>~</b>	Consumer Cyclical	11.20	10.91	11.11
цф	Financial Services	14.85	15.73	14.75
ŵ	Real Estate	3.13	6.78	3.88
w	Sensitive	44.82	39.63	44.22
g	Communication Services	6.81	6.14	6.64
•	Energy	4.59	5.13	4.66
¢	Industrials	11.62	12.21	11.67
	Technology	21.80	16.15	21.25
	Defensive	21.38	21.71	21.29
F	Consumer Defensive	6.78	6.83	6.71
٠	Healthcare	11.86	11.65	12.01
2	Utilities	2.74	3.23	2.57
-				



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.67	53.67	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.77	89.43	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.96	96.40	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.98	99.38	-	-
⊕ Mktliq 12/31/2049	-	0.31	99.69	-	-
🕀 Us Dollar	-	0.31	100.00	_	_

### Total Holdings 6



average.

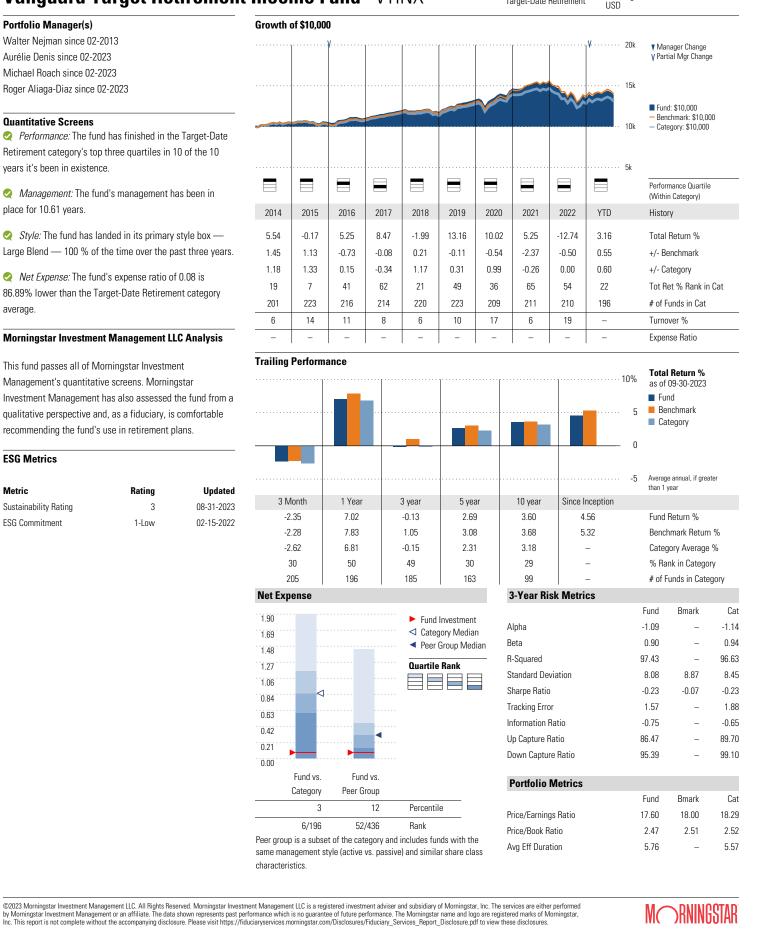
**ESG Metrics** 

Metric

## Vanguard Target Retirement Income Fund VTINX

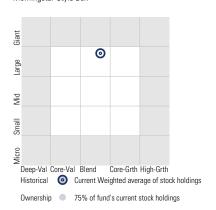
Morningstar Category Target-Date Retirement

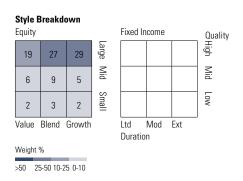
Morningstar Index Morningstar Lifetime Mod Incm TR



## Vanguard Target Retirement Income Fund VTINX

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





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Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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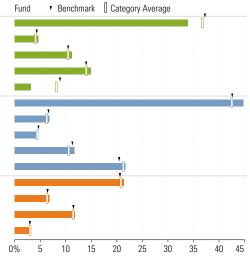
Other	0.02	13.34
Cash	3.11	3.88
Bonds	66.91	52.99
Non-US Stocks	11.99	9.84
US Stocks	17.95	19.96
Asset Class	Net %	Cat%

**Morningstar Category** 

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Fund Bmark Cat Cyclical 33.90 37.10 36.71 **Basic Materials** 4.66 4.18 4.09 **Consumer Cyclical** 11.19 10.33 10.47 **Financial Services** 14.90 13.85 14.01 Real Estate 3.15 8.74 8.14 Sensitive 44.74 42.44 42.51 **Communication Services** 6.80 6.48 6.28 Energy 4.39 4.59 4.51 Industrials 11.65 11.15 10.57 21.70 20.30 Technology 21.27 21.37 20.47 20.79 Defensive **Consumer Defensive** 6.80 6.29 6.35 Healthcare 11.82 11.35 11.44 Utilities 2.75 2.83 3.00



### Top 7 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Bond Market II Idx Inv	_	36.18	36.18	_	_
$\ominus$ Vanguard Total Stock Mkt Idx InstI PIs	-	18.06	54.25	-	-
Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.62	70.86	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	16.03	86.89	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	12.32	99.22	-	-
⊖ Mktliq 12/31/2049	-	0.78	99.99	-	-
$\oplus$ Us Dollar	_	0.01	100.00	_	-

### Total Holdings 7

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

