## American Funds American Balanced R6 RLBGX

Portfolio Manager(s)

Furtiono wanager(s)
Hilda Applbaum since 01-1999
Alan Berro since 03-2006
Paul Benjamin since 07-2014
Alan Wilson since 01-2016
John Queen since 07-2016
Pramod Atluri since 03-2018
Mark Casey since 10-2019
Ritchie Tuazon since 10-2020
Mathews Cherian since 05-2021
Jin Lee since 03-2023
Chit Purani since 03-2023
Irfan Furniturewala since 05-2023

### Quantitative Screens

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

Management: The fund's management has been in place for 25.76 years.

Style: The fund has landed in its primary style box — Large Blend — 90 % of the time over the past three years.

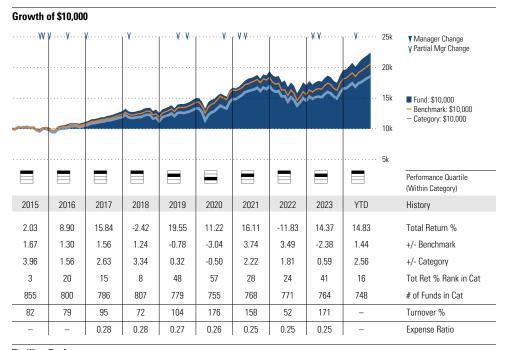
Net Expense: The fund's expense ratio of 0.25 is 75.73% lower than the Moderate Allocation category average.

### Morningstar Investment Management LLC Analysis

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

### **ESG Metrics**

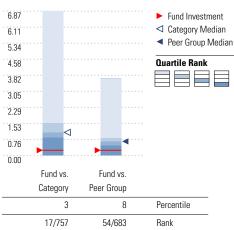
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



**Morningstar Category** 

Moderate 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.

Fund Bmark Cat Alpha 1.80 -0.52 0.97 0.98 Beta R-Squared 96.82 94.15 Standard Deviation 12 13 12 26 12.36 Sharpe Ratio 0.33 0 19 0.13 Tracking Error 2.19 2.79 Information Ratio 0.80 -0.37 Up Capture Ratio 105.70 97.43 Down Capture Ratio 96.92 100.97

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.22	23.30	23.35
Price/Book Ratio	4.37	3.40	3.53
Avg Eff Duration	5.98	5.94	5.14

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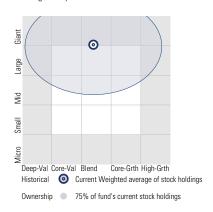


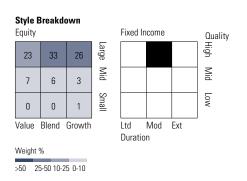
Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

## American Funds American Balanced R6 RLBGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





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Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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Energy

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Utilities

Cyclical

Real Estate

Sensitive

Industrials

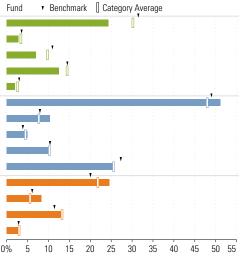
Technology

Defensive

Healthcare

Other	4.39 3.01	3.45 3.46
Gasii	4.39	3.45
Cash		
Bonds	28.80	34.48
Non-US Stocks	7.96	9.80
US Stocks	55.84	48.81
Asset Class	Net %	Cat%

#### Fund Bmark Cat 24.32 31.32 30.20 Basic Materials 2.77 3.39 3.40 Consumer Cyclical 7.02 10.77 9.74 Financial Services 12.52 14 34 14 45 2.01 2.82 2.61 51.11 48.81 47.98 **Communication Services** 10.34 7.78 7.70 4.95 3.70 4.49 10.45 10.20 10.22 25.37 27.13 25.57 24.57 19.87 21.80 **Consumer Defensive** 8.34 5.93 5.59 13.16 11.25 13.24 3.07 2.69 2.97



### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Capital Group Central Cash Fund	-	6.14	6.14	_	_
$igodoldsymbol{ imes}$ Broadcom Inc	-	4.68	10.82	55.95	Technology
⊖ Microsoft Corp	-	3.45	14.27	15.03	Technology
🕀 Cap Grp Cent Fd Ser li	-	2.92	17.19	-	-
$\ominus$ UnitedHealth Group Inc	-	2.10	19.29	12.21	Healthcare
⊖ Meta Platforms Inc Class A	_	2.08	21.37	62.15	Communication Svc
Philip Morris International Inc	-	1.88	23.26	33.24	Consumer Defensive
群 Cash And Other Assets Less Liablities	-	1.85	25.11	-	-
$\ominus$ Taiwan Semiconductor Manufacturing Co Ltd ADR	-	1.81	26.92	68.64	Technology
Alphabet Inc Class C	-	1.68	28.60	18.92	Communication Svc

### Total Holdings 3159

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



**Morningstar Category** Moderate Allocation

Morningstar Index Morningstar US Mod Tgt Alloc NR USD

## American Funds Capital World Gr&Inc R6 RWIGX

Portfolio Manager(s) Sung Lee since 02-2006 Alfonso Barroso since 02-2007 Michael Cohen since 11-2014 Reed Lowenstein since 02-2019

Lara Pellini since 02-2019 Jin Lee since 02-2019 Leo Hee since 10-2019 Jeremy Burge since 01-2020 Renaud Samyn since 02-2020 Diana Wagner since 02-2022

#### Quantitative Screens

*Performance:* The fund has finished in the Global Large-Stock 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 18.67 years.

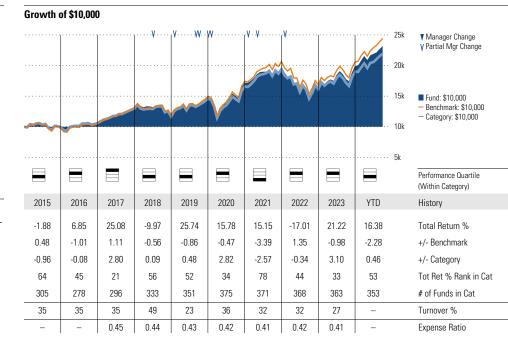
Net Expense: The fund's expense ratio of 0.41 is 57.73% lower than the Global Large-Stock Blend category average.

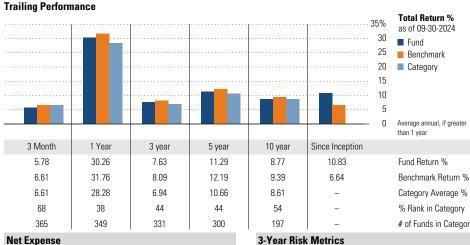
### **Morningstar Investment Management LLC Analysis**

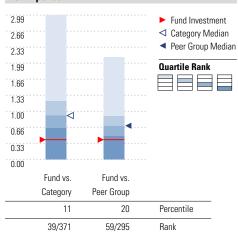
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

### **ESG Metrics**

Rating	Updated
2	08-31-2024
Low Risk	12-31-2022
1-Low	05-18-2022
	2 Low Risk







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 -0.30 -0.82 0.99 0.97 Reta R-Squared 96.41 92.13 16.57 Standard Deviation 16 67 16.83 Sharpe Ratio 0.30 0.32 0.26 Tracking Error 3.17 4.57 Information Ratio -0.15 -0.22 Up Capture Ratio 98.97 96.54 Down Capture Ratio 100.65 100.58

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 21 61 21 79 21.53 Price/Book Ratio 3.41 3.04 3.11 Geom Avg Mkt Cap \$B 148 43 159 41 153 64 ROE 24.72 27.22 26.19

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Global Large-Stock Blend MSCI ACWI

MSCI ACWI NR USD

## American Funds Capital World Gr&Inc R6 RWIGX

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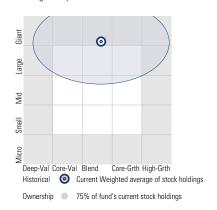
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Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 09-30-2024

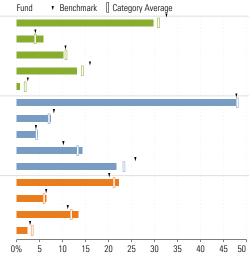


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Asset Allocation as of 09-30-2024

#### Asset Class Net % Cat% **US Stocks** 48.84 62.32 Non-US Stocks 47.02 35.45 Bonds 0.09 0.36 Cash 3.93 0.90 Other 0.12 0.98 Total 100.00 100.00

#### Sector Weighting as of 09-30-2024 Cat Fund Bmark Cyclical 29.70 32.41 30.85 Basic Materials 5.77 3.91 4.02 Consumer Cyclical 10.14 10.46 10.72 13.07 **Financial Services** 15 78 14 27 Real Estate 0.72 2.26 1.84 Sensitive 48.06 47.62 47.96 **Communication Services** 7.45 7.94 7.03 Energy 4.63 4.03 4.32 Industrials 14.33 10.00 13.28 Technology 21.65 25.65 23.33 22.24 19.97 Defensive 21.18 **Consumer Defensive** 6.52 6.26 5.96 Healthcare 13.39 10.95 11.86 Utilities 2.33 2.76 3.36



	Greater Asia	Fund % 15.31	Cat % 12.43	Americas	Fund % 57.18	Cat % 66.93	Greater Europe	Fund % 27.52	Cat % 20.64	Market Maturity	Fund %
	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	4.51 0.32 6.02 4.46	4.55 0.76 3.79 3.33	North America Central/Latin	55.80 1.38	66.23 0.70	United Kingdom W euro-ex UK Emrgng Europe Africa	6.93 20.45 0.00 0.14	5.72 14.56 0.13 0.23	Developed Markets Emerging Markets Not Available	94.16 5.84 0.00
>75	Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	3.90	3.90	55.95	Technology
$\oplus$ Capital Group Central Cash Fund	3.84	7.75	-	-
⊖ Microsoft Corp	3.57	11.32	15.03	Technology
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	3.34	14.65	-	Technology
① Apple Inc	2.10	16.75	21.40	Technology
$\ominus$ Philip Morris International Inc	1.74	18.50	33.24	Consumer Defensive
$\ominus$ Eli Lilly and Co	1.74	20.23	52.65	Healthcare
$\ominus$ UnitedHealth Group Inc	1.57	21.80	12.21	Healthcare
⊖ GE Aerospace	1.55	23.35	78.88	Industrials
$\oplus$ Meta Platforms Inc Class A	1.42	24.78	62.15	Communication Svc

### Total Holdings 323

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** 

Global Large-Stock Blend MSCI ACWI NR USD

Morningstar Index

# American Funds Growth Fund of Amer R6 RGAGX

### Portfolio Manager(s)

Donald O'Neal since 11-1993 J. Frank since 11-2001 Lawrence Solomon since 05-2010 Carl Kawaja since 11-2010 Martin Romo since 11-2010 Mark Casey since 11-2012 Alan Wilson since 11-2012 Anne-Marie Peterson since 07-2013 Christopher Buchbinder since 11-2013 Joanna Jonsson since 03-2016 Alex Popa since 10-2016 Andraz Razen since 03-2020 Julian Abdey since 11-2021

### Quantitative Screens

*Performance:* The fund has finished in the Large Growth 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 30.93 years.

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

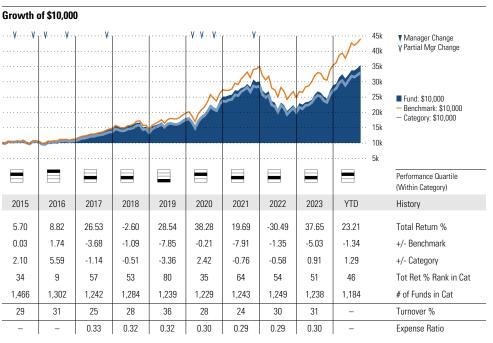
Net Expense: The fund's expense ratio of 0.3 is 67.39% lower than the Large Growth category average.

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

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

### **ESG Metrics**

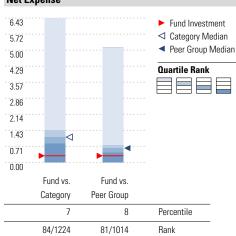
Metric	Rating	Updated
Sustainability Rating	1	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	04-07-2022







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.

**3-Year Risk Metrics** Fund Bmark Cat Alpha -3.20 -4.22 0.95 0.99 Reta 94.77 **R-Squared** 92.51 Standard Deviation 20.35 20.85 21 45 Sharpe Ratio 0 29 0 47 0.27 Tracking Error 477 5.84 Information Ratio -0.86 -0.84 Up Capture Ratio 88.66 91.00 Down Capture Ratio 98.90 105.24

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 29.66 36 55 35.39 Price/Book Ratio 6.38 12.14 9.26 Geom Avg Mkt Cap \$B 257 09 675.16 541 50

29.22

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44.40

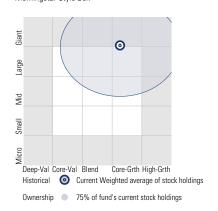
41.06

Morningstar Category Morningstar Index Large Growth

Russell 1000 Growth TR USD

## American Funds Growth Fund of Amer R6 RGAGX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™









>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Meta Platforms Inc Class A	5.89	5.89	62.15	Communication Svc
∋ Microsoft Corp	5.86	11.76	15.03	Technology
$\oplus$ Capital Group Central Cash Fund	3.76	15.52	-	-
€ Amazon.com Inc	3.67	19.18	22.63	Consumer Cyclical
⇒ Broadcom Inc	3.38	22.56	55.95	Technology
⊖ NVIDIA Corp	3.31	25.87	145.27	Technology
€ Apple Inc	2.38	28.25	21.40	Technology
$\ni$ Eli Lilly and Co	2.24	30.49	52.65	Healthcare
$\ominus$ Tesla Inc	2.10	32.59	5.29	Consumer Cyclical
⇒ Netflix Inc	2.01	34.60	45.68	Communication Svc
⊖ Alphabet Inc Class A	1.97	36.57	19.01	Communication Svc
$\oplus$ UnitedHealth Group Inc	1.91	38.48	12.21	Healthcare
$\ominus$ Alphabet Inc Class C	1.91	40.39	18.92	Communication Svc
$\ni$ GE Aerospace	1.54	41.92	78.88	Industrials
$\supset$ Mastercard Inc Class A	1.50	43.42	16.24	Financial Services

### Total Holdings 316

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

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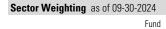
Asset Class Net % Cat% US Stocks 93.54 86.78 Non-US Stocks 9.25 4.54 Bonds 0.00 0.00 Cash 3.60 1.11 Other 0.37 0.81 100 Total 100.00 100.00

Morningstar Index

Russell 1000 Growth TR USD

Morningstar Category

Large Growth



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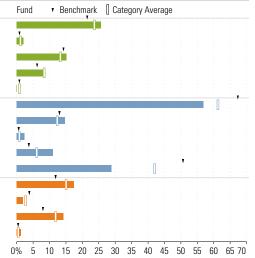
Asset Allocation as of 09-30-2024

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Դ	Cyclical	25.71	21.25	23.66
÷.	Basic Materials	2.09	0.63	1.15
4	Consumer Cyclical	15.14	14.03	13.31
÷	Financial Services	8.35	6.00	8.36
n	Real Estate	0.13	0.59	0.84
v.	Sensitive	56.91	67.12	61.28
	Communication Services	14.75	12.80	12.34
0	Energy	2.33	0.40	0.83
¢	Industrials	11.00	3.49	6.11
	Technology	28.83	50.43	42.00
-	Defensive	17.37	11.63	15.05
2	Consumer Defensive	1.89	3.63	2.72
٠	Healthcare	14.22	7.78	11.85
2	Utilities	1.26	0.22	0.48

50

Bmark

Cat



## American Funds Intl Gr and Inc R6 RIGGX

## Portfolio Manager(s)

Steven Watson since 10-2008 Andrew Suzman since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Michael Cohen since 07-2018 Lisa Thompson since 09-2018 Barbara Burtin since 09-2024 Bobby Chada since 09-2024

### Quantitative Screens

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

Management: The fund's management has been in place for 16.01 years.

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

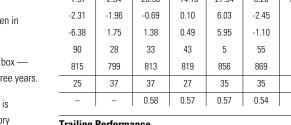
Net Expense: The fund's expense ratio of 0.54 is 34.94% lower than the Foreign Large Blend category average.

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

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

### ESG Metrics

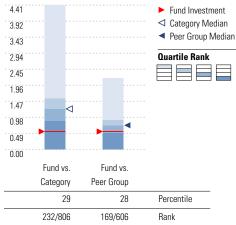
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Growth of \$10,000



# 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.

Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 0.24 -0.05 0.99 1 02 Beta \_ R-Squared 92.90 94.18 Standard Deviation 16.34 16 70 17.33 Sharpe Ratio 0 11 0 10 0.10 Tracking Error 4.03 4.62 Information Ratio 0.04 0.00 Up Capture Ratio 102.01 105.97 Down Capture Ratio 101.60 107.27

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 15.71 15 78 15.57 Price/Book Ratio 1.84 1.85 1.89 Geom Avg Mkt Cap \$B 57.70 52 84 63.57

18.74

ROE

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16.65

18.70

**Morningstar Category** 

Foreign Large Blend

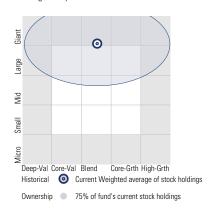
Morningstar Index

MSCI ACWI Ex USA NR USD

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									5k	
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-7.97	2.54	26.50	-14.10	27.54	8.20	10.12	-15.16	15.72	11.57	Total Return %
-2.31	-1.96	-0.69	0.10	6.03	-2.45	2.30	0.84	0.10	-2.64	+/- Benchmark
-6.38	1.75	1.38	0.49	5.95	-1.10	0.40	0.68	-0.53	-1.51	+/- Category
90	28	33	43	5	55	54	44	63	81	Tot Ret % Rank in Cat
815	799	813	819	856	869	852	837	831	798	# of Funds in Cat
25	37	37	27	35	35	23	34	31	31	Turnover %
-	-	0.58	0.57	0.57	0.54	0.54	0.53	0.54	0.54	Expense Ratio
ailing	Performa				]			·		Total Return % as of 09-30-2024
									····· 25 ···· 20	<ul> <li>Fund</li> <li>Benchmark</li> <li>Category</li> </ul>

# American Funds Intl Gr and Inc R6 RIGGX

### Style Analysis as of 09-30-2024 Morningstar Style Box™



### Style Breakdown



#### Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 09-30-2024

0	50	100

### Sector Weighting as of 09-30-2024

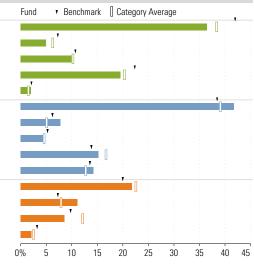
Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	36.43	41.84	38.35
æ.	Basic Materials	4.99	7.13	6.28
	Consumer Cyclical	9.90	10.56	10.23
ц.	Financial Services	19.56	22.19	20.32
ŵ	Real Estate	1.98	1.96	1.52
w	Sensitive	41.76	38.31	39.09
G	Communication Services	7.76	6.08	5.08
0	Energy	4.61	5.12	4.58
Ф	Industrials	15.18	13.70	16.70
	Technology	14.21	13.41	12.73
	Defensive	21.80	19.84	22.55
E	Consumer Defensive	11.15	7.14	7.90
٠	Healthcare	8.59	9.63	12.14
<b>9</b>	Utilities	2.06	3.07	2.51
-				

Morningstar Index **Morningstar Category** Foreign Large Blend

MSCI ACWI Ex USA NR USD

Total	100.00	100.00
Other	0.21	1.53
Cash	4.53	0.63
Bonds	0.12	0.55
Non-US Stocks	90.18	93.48
US Stocks	4.96	3.83
Asset Class	Net %	Cat%



	Greater Asia	Fund % 29.98	Cat % 34.59	Americas	Fund % 12.63	Cat % 8.81	Greater Europe	Fund % 57.38	Cat % 56.59	Market Maturity	Fund %
	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	6.83 0.44 12.74 9.97	18.85 4.68 6.46 4.60	North America Central/Latin	9.78 2.85	7.75 1.06	United Kingdom W euro-ex UK Emrgng Europe Africa	14.16 42.35 0.00 0.87	13.90 41.71 0.12 0.86	Developed Markets Emerging Markets Not Available	86.75 13.25 0.00
>75	Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Capital Group Central Cash M	4.75	4.75	_	_
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	4.07	8.82	_	Technology
⊖ Novo Nordisk AS Class B	2.50	11.31	_	Healthcare
⊖ AstraZeneca PLC	2.10	13.41	11.52	Healthcare
$\ominus$ ASML Holding NV	1.98	15.40	10.07	Technology
🕀 TotalEnergies SE	1.93	17.33	-0.06	Energy
€ MediaTek Inc	1.67	18.99	_	Technology
➔ BAE Systems PLC	1.61	20.60	13.10	Industrials
🕀 British American Tobacco PLC	1.39	21.99	26.36	Consumer Defensive
$\oplus$ Tencent Holdings Ltd	1.39	23.38	_	Communication Svc

## Total Holdings 251

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

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# American Funds Invmt Co of Amer R6 RICGX

Growth of \$10,000

Portfolio Manager(s)

James Lovelace since 03-1992 Donald O'Neal since 03-1992 Christopher Buchbinder since 03-2007 Grant Cambridge since 03-2014 Martin Romo since 07-2018 Aline Avzaradel since 03-2019 Martin Jacobs since 12-2019 James Terrile since 03-2020 Jessica Spaly since 03-2021

### Quantitative Screens

*Performance:* The fund has finished in the 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 32.61 years.

Style: The fund has landed in its primary style box — Large Blend — 80 % of the time over the past three years.

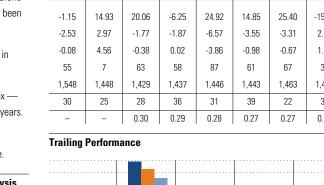
Net Expense: The fund's expense ratio of 0.27 is 63.01% lower than the Large Blend category average.

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

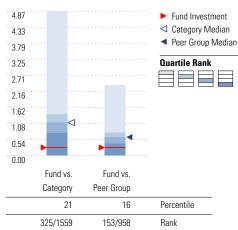
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022







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 Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Alpha 2.19 -1.07 0.92 0.94 Beta R-Squared 96.80 94.38 Standard Deviation 16 40 17 53 16.95 Sharpe Ratio 0.63 0 52 0.42 Tracking Error 3 25 3.71 Information Ratio 0.47 -1.34 Up Capture Ratio 98.25 92.03 Down Capture Ratio 91.04 96.37 **Portfolio Metrics** 

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater than 1 year

Category

Fund

40%

35

30

25

20 15

10

5

0

	Fund	Bmark	Cat
Price/Earnings Ratio	27.09	27.50	26.80
Price/Book Ratio	4.58	4.80	5.15
Geom Avg Mkt Cap \$B	278.67	328.12	362.94
ROE	27.64	33.77	33.76

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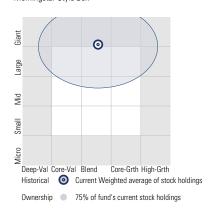
Morningstar Category Morningstar Index Large Blend

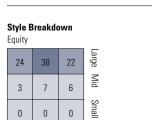
S&P 500 TR USD

· · · ¥. · · · ·			·····	.vv	· ¥ · · · · ·	· ·¥ · · · · · ·	¥		/	35k 30k	▼ Manager Change V Partial Mgr Change
·····			~~~~						· · · · · · · · · · · · · · · · · · ·	25k 20k 15k 10k	<ul> <li>Fund: \$10,000</li> <li>Benchmark: \$10,000</li> <li>Category: \$10,000</li> </ul>
										5k	Performance Quartile
											(Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD		History
-1.15	14.93	20.06	-6.25	24.92	14.85	25.40	-15.26	28.88	22.48		Total Return %
-2.53	2.97	-1.77	-1.87	-6.57	-3.55	-3.31	2.85	2.59	0.40		+/- Benchmark
-0.08	4.56	-0.38	0.02	-3.86	-0.98	-0.67	1.70	6.56	3.13		+/- Category
55	7	63	58	87	61	67	31	11	19		Tot Ret % Rank in Cat
1,548	1,448	1,429	1,437	1,446	1,443	1,463	1,486	1,497	1,517		# of Funds in Cat
30	25	28	36	31	39	22	31	29	-		Turnover %
_	-	0.30	0.29	0.28	0.27	0.27	0.27	0.27	-		Expense Ratio

## American Funds Invmt Co of Amer R6 RICGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

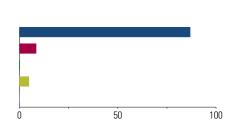
Value Blend Growth

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	7.07	7.07	15.03	Technology
$oldsymbol{eta}$ Capital Group Central Cash Fund	4.64	11.71	-	-
igodolog Meta Platforms Inc Class A	4.57	16.28	62.15	Communication Svc
$\ni$ Broadcom Inc	4.56	20.84	55.95	Technology
⊖ Amazon.com Inc	3.42	24.26	22.63	Consumer Cyclical
$\oplus$ Apple Inc	2.96	27.22	21.40	Technology
$\ni$ GE Aerospace	2.87	30.09	78.88	Industrials
$\ni$ Alphabet Inc Class A	2.17	32.26	19.01	Communication Svc
$\ni$ Alphabet Inc Class C	2.15	34.41	18.92	Communication Svc
$ igoponum \in$ Royal Caribbean Group	2.08	36.49	37.28	Consumer Cyclical
🕀 UnitedHealth Group Inc	1.97	38.46	12.21	Healthcare
igodolog Carrier Global Corp Ordinary Shares	1.88	40.35	40.77	Industrials
Đ British American Tobacco PLC	1.85	42.20	26.36	Consumer Defensive
ightarrow Philip Morris International Inc	1.76	43.95	33.24	Consumer Defensive
⊖ RTX Corp	1.72	45.68	46.20	Industrials

### Total Holdings 202

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



Fund

27.37

3.27

11.20

11.57

1.33

51.90

11.27

1.95

13.24

25 44

20.72

5.65

12.57

2.50

Bmark

27.13

2.00

10.30

12 49

2.34

52.68

8.87

3.31

7.59

32.91

20.18

5.88

11.63

2.67

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

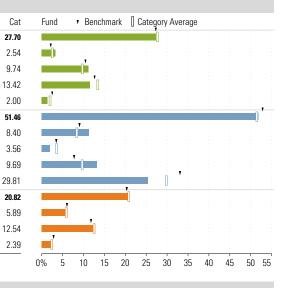
Asset Class	Net %	Cat%
US Stocks	86.78	95.93
Non-US Stocks	8.40	2.42
Bonds	0.03	0.34
Cash	4.72	0.37
Other	0.06	0.96
Total	100.00	100.00

**Morningstar Index** 

S&P 500 TR USD

**Morningstar Category** 

📕 Large Blend



## American Funds New World R6 RNWGX

### Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Bradford Freer since 01-2017
Akira Shiraishi since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020
Piyada Phanaphat since 01-2020
Matt Hochstetler since 01-2024

### 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 25.31 years.

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

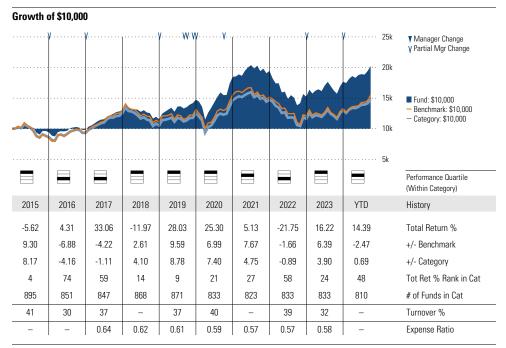
Net Expense: The fund's expense ratio of 0.57 is 49.11% lower than the Diversified Emerging Mkts category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







#### 3.31 Fund Investment Category Median 2.94 Peer Group Median 2.57 2.21 Quartile Rank 1.84 1.47 1.10 0.74 0.37 0.00 Fund vs Fund vs Peer Group Category 14 14 Percentile 110/827 89/637 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.

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 1.10 -1.37 0.80 0.94 Beta **R-Squared** 77.98 87.29 Standard Deviation 15.99 17 63 17 82 Sharpe Ratio -0.08 -0 11 -0.18 Tracking Error 8.28 6.24 Information Ratio 0.12 -0.24 Up Capture Ratio 82.96 92.28 Down Capture Ratio 79.00 98.92

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater

Category

than 1 year

Fund

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 21.84 15 18 14 86 Price/Book Ratio 3.32 1.81 1.95 Geom Avg Mkt Cap \$B 80.24 47 82 57 84 ROE 23.85 16.40 18.79

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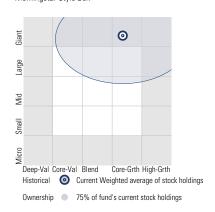


Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

## American Funds New World R6 RNWGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





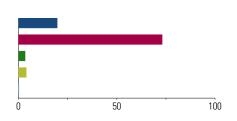


Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 09-30-2024



### Sector Weighting as of 09-30-2024

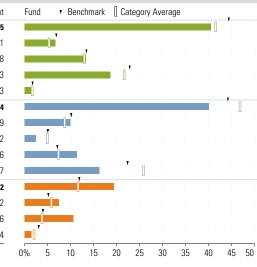
Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	40.46	44.24	41.55
æ.	Basic Materials	6.68	6.72	5.31
<b>~</b>	Consumer Cyclical	13.36	13.27	12.98
ц.	Financial Services	18.63	22.69	21.63
ŵ	Real Estate	1.79	1.56	1.63
w	Sensitive	40.09	44.04	46.84
	Communication Services	9.91	9.97	8.69
0	Energy	2.50	4.89	4.92
¢	Industrials	11.40	6.95	7.36
	Technology	16.28	22.23	25.87
	Defensive	19.44	11.72	11.62
F	Consumer Defensive	7.45	5.00	5.82
٠	Healthcare	10.57	3.82	3.76
9	Utilities	1.42	2.90	2.04
-				

Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

Total	100.00	100.00
Other	0.16	0.06
Cash	3.87	2.19
Bonds	3.30	-0.02
Non-US Stocks	73.04	95.36
US Stocks	19.63	2.42
Asset Class	Net %	Cat%



	Greater Asia	Fund % 45.97	Cat % 76.27	Americas	Fund % 31.83	Cat % 12.96	Greater Europe	Fund % 22.21	Cat % 10.77	Market Maturity	Fund %
	Japan	2.63	0.08	North America	22.67	2.04	United Kingdom	2.91	0.54	Developed Markets	54.30
	Australasia	0.00	0.04	Central/Latin	9.16	10.92	W euro-ex UK	16.36	1.72	Emerging Markets	45.70
	Asia-4 Tigers	9.50	30.03				Emrgng Europe	0.44	2.13	Not Available	0.00
	Asia-ex 4 Tigers	33.84	46.12				Africa	2.50	6.38		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash Fund	4.12	4.12	_	_
igodolog Taiwan Semiconductor Manufacturing Co Ltd	3.56	7.68	-	Technology
$\oplus$ Tencent Holdings Ltd	2.47	10.15	-	Communication Svc
∋ Microsoft Corp	2.34	12.49	15.03	Technology
⊕ MercadoLibre Inc	1.91	14.41	30.57	Consumer Cyclical
⊖ Novo Nordisk AS Class B	1.79	16.20	-	Healthcare
$\ni$ Meta Platforms Inc Class A	1.48	17.67	62.15	Communication Svc
➔ Kweichow Moutai Co Ltd Class A	1.32	19.00	3.06	Consumer Defensive
$\ni$ Broadcom Inc	1.29	20.28	55.95	Technology
⇒ NVIDIA Corp	1.27	21.56	145.27	Technology

### Total Holdings 579

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

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## American Funds Washington Mutual R6 RWMGX

Portfolio Manager(s)

Alan Berro since 07-1997 Alan Wilson since 07-2013 Diana Wagner since 06-2014 Jin Lee since 07-2014 Eric Stern since 11-2014 Irfan Furniturewala since 06-2015 Emme Kozloff since 07-2016 Mark Casey since 07-2016 Aline Avzaradel since 07-2021

### Quantitative Screens

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

Management: The fund's management has been in place for 27.27 years.

Style: The fund has landed in its primary style box — Large Blend — 90 % of the time over the past three years.

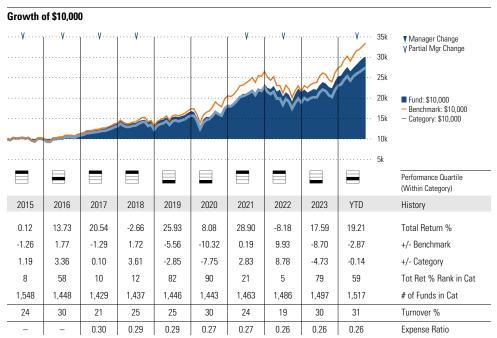
Net Expense: The fund's expense ratio of 0.26 is 64.38% lower than the Large Blend category average.

### **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.

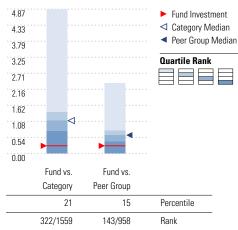
### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



#### **Trailing Performance**





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

11.83	-	Category Average %				
52	-	% Rank in Category				
919	-	# of	Funds in Cate	egory		
3-Year Risk Metrics						
		Fund	Bmark	Cat		
Alpha		2.83	-	-1.07		
Beta		0.82	-	0.94		
R-Squared		91.93	-	94.38		
Standard Devia	tion	14.99	17.53	16.95		
Sharpe Ratio		0.64	0.52	0.42		
Tracking Error		5.30	-	3.71		
Information Rat	tio	0.20	-	-1.34		
Up Capture Rat	io	89.90	-	92.03		
Down Capture	Ratio	80.55	-	96.37		
Portfolio M	etrics					

	Fund	Bmark	Cat
Price/Earnings Ratio	24.87	27.50	26.80
Price/Book Ratio	4.16	4.80	5.15
Geom Avg Mkt Cap \$B	204.89	328.12	362.94
ROE	28.05	33.77	33.76

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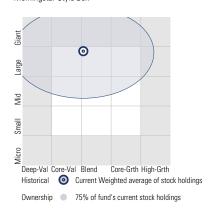


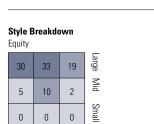
Morningstar Category Morningstar Index Large Blend

S&P 500 TR USD

## American Funds Washington Mutual R6 RWMGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

Value Blend Growth

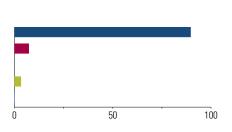
### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	6.27	6.27	55.95	Technology
∋ Microsoft Corp	5.55	11.82	15.03	Technology
eq Capital Group Central Cash Fund	3.17	15.00	_	-
$\ni$ UnitedHealth Group Inc	3.00	18.00	12.21	Healthcare
$\ominus$ Eli Lilly and Co	2.77	20.77	52.65	Healthcare
$\oplus$ Marsh & McLennan Companies Inc	2.29	23.06	18.92	Financial Services
$\ni$ Apple Inc	2.25	25.31	21.40	Technology
$\oplus$ Philip Morris International Inc	2.20	27.51	33.24	Consumer Defensive
∋ AbbVie Inc	1.59	29.10	30.43	Healthcare
∋ JPMorgan Chase & Co	1.54	30.64	25.93	Financial Services
⊖ Comcast Corp Class A	1.39	32.03	-2.67	Communication Svc
$\ni$ The Home Depot Inc	1.32	33.35	18.87	Consumer Cyclical
∋ GE Aerospace	1.27	34.62	78.88	Industrials
$\ominus$ RTX Corp	1.24	35.86	46.20	Industrials
∋ Alphabet Inc Class C	1.23	37.09	18.92	Communication Svc

### Total Holdings 185

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

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Bmark

27.13

2.00

10.30

12 49

2.34

52.68

8.87

3.31

7.59

32.91

20.18

5.88

11.63

2.67

Fund

30.04

2.53

7.69

16.91

2.91

42.01

5.01

4.62

10.47

21.91

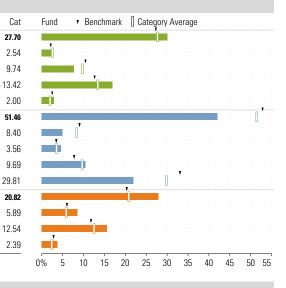
27.95

8.60

15.56

3.79

Asset Class	Net %	Cat%
US Stocks	89.56	95.93
Non-US Stocks	7.20	2.42
Bonds	0.00	0.34
Cash	3.20	0.37
Other	0.03	0.96
Total	100.00	100.00





Morningstar Category

y Morningstar Index

S&P 500 TR USD

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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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** 

## Baird Aggregate Bond Inst BAGIX

### Portfolio Manager(s)

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

### Quantitative Screens

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

*Management:* The fund's management has been in place for 24.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 40% 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	4	08-31-2024
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000

Morningstar Index

Bloomberg US Agg Bond 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.

Fund **Bmark** Cat Alpha 0.32 -0.09 0.98 Beta 1 01 99.65 **R-Squared** 98.10 Standard Deviation 774 7 63 7 55 Sharpe Ratio -0 61 -0.66 -0.68 Tracking Error 0.47 0.96 Information Ratio 0.62 -0.25 Up Capture Ratio 101.71 97.06 Down Capture Ratio 98.89 98.03 Deutfelie Metuiee

Formotio Wienros			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	5.88
Avg Eff Maturity	8.23	-	8.21

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Ltd

А

BB

В

Not Rated

Duration

## Baird Aggregate Bond Inst BAGIX

## Style Analysis as of 09-30-2024 Style Breakdown Fixed Income Quality High Mid ۲0

Mod Ext

50 100 0

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

### Intermediate Core Bond Bloomberg US Agg Bond TR USD

**Morningstar Category** 

Total	100.00	100.00
Other	0.07	1.70
Cash	2.64	-0.01
Bonds	97.30	97.45
Non-US Stocks	0.00	0.23
US Stocks	0.00	0.62
Asset Class	Net %	Cat%

**Morningstar Index** 

#### **Credit Rating Breakdown** Fund Bmark Cat 62.90 3.53 AAA 24.71 AA 3.20 74.59 39.01 12.20 10.82 22.22 BBB 21.50 8.32 12.31 0.20 0.28 0.62 0.00 0.00 0.33 Below B 0.00 0.00 0.12

0.00

2.46

0.68

	Fund	Bmark	Cat	Fund	,	Benchmark	[] C	ategory	Average			
Government	26.58	-	30.70					-		0		
Treasury	26.58	-	24.87									
Inflation – Protected	0.00	-	1.37	[								
Agency/Quasi Agency	0.00	-	0.63	10								
Other Government Related	0.00	-	3.83		0							
Corporate	36.33	-	23.52									
Corporate Bond	36.33	-	23.34						]			
Bank Loan	0.00	-	0.04	0								
Convertible	0.00	-	0.00	0								
Preferred	0.00	-	0.14	0								
Securitized	33.94	-	39.30									0
Agency MBS Pass-Through	20.72	-	28.33					-		0		
Agency MBS ARM	0.00	-	0.18									
Agency MBS CMO	1.33	-	1.23									
Non-Agency Residential MBS	1.09	-	0.12									
Commercial MBS	4.07	-	2.27									
Asset-Backed	6.73	-	7.17			0						
Covered Bond	0.00	-	0.00	İ								
Municipal	0.49	-	1.22									
Cash & Equivalents	2.64	-	4.52									
Other	0.00	-	0.75	[]								
				0%	5	10	15	20	25	30	35	40

### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 1.13%	10-2026	3.43	3.43	_
First American Government Obligs U	02-2030	2.32	5.75	-
⊕ United States Treasury Bonds 3.88%	05-2043	1.79	7.54	_
United States Treasury Bonds 2.88%	05-2043	1.77	9.31	-
igodot United States Treasury Bonds 2.5%	02-2045	1.73	11.04	-
United States Treasury Bonds 2.38%	02-2042	1.57	12.61	_
United States Treasury Bonds 2.88%	05-2052	1.55	14.15	-
⊖ United States Treasury Notes 2.38%	03-2029	1.53	15.68	-
United States Treasury Bonds 3.38%	08-2042	1.49	17.17	_
⊖ United States Treasury Notes 4%	01-2031	1.25	18.42	_

### Total Holdings 1828

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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## Delaware Small Cap Value R6 DVZRX

### Portfolio Manager(s)

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

### Quantitative Screens

Performance: The fund has finished in the Small Value category's top three quartiles in 7 of the 8 years it's been in existence.

Management: The fund's management has been in place for 12.26 years.

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

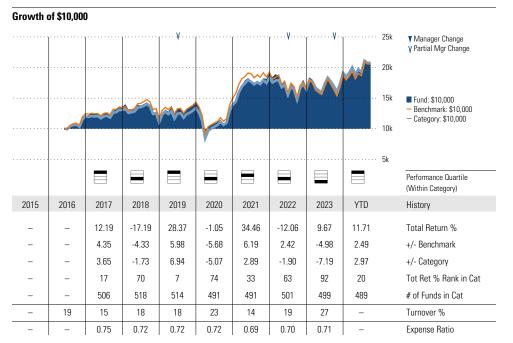
Net Expense: The fund's expense ratio of 0.71 is
 36.04% lower than the Small Value category average.

### Morningstar Investment Management LLC Analysis

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

### **ESG Metrics**

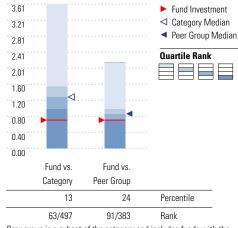
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022



Small Value

### **Trailing Performance**





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

Fund Bmark Cat Alpha 2.11 2.65 0.93 0.91 Beta **R-Squared** 95.16 93.65 Standard Deviation 21 71 22 84 21 56 Sharpe Ratio 0.19 0 1 1 0.21 Tracking Error 5.06 5.63 Information Ratio 0.39 0.45 Up Capture Ratio 97.49 95.86 Down Capture Ratio 91.49 88.20

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 15 51 13 90 14 46 Price/Book Ratio 1.70 1.31 1.66 Geom Avg Mkt Cap \$B 5 10 4 78 2 1 4 ROE 12.53 4.84 12.10

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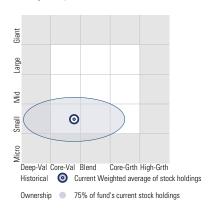


Morningstar Category Morningstar Index

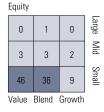
Russell 2000 Value TR USD

# Delaware Small Cap Value R6 DVZRX

Style Analysis as of 09-30-2024 Morningstar Style Box™







### Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
MasTec Inc	1.87	1.87	62.57	Industrials
Hancock Whitney Corp	1.76	3.63	7.57	Financial Services
ITT Inc	1.75	5.38	26.10	Industrials
East West Bancorp Inc	1.75	7.13	17.29	Financial Services
igodologies Stifel Financial Corp	1.68	8.80	37.61	Financial Services
Axis Capital Holdings Ltd	1.66	10.46	46.16	Financial Services
Webster Financial Corp	1.66	12.12	-5.81	Financial Services
Columbia Banking System Inc	1.60	13.72	1.91	Financial Services
F N B Corp	1.59	15.30	5.08	Financial Services
Meritage Homes Corp	1.58	16.89	19.01	Consumer Cyclical
Synovus Financial Corp	1.56	18.45	21.14	Financial Services
National Health Investors Inc	1.47	19.91	55.34	Real Estate
CACI International Inc Class A	1.45	21.36	55.80	Technology
Agree Realty Corp	1.42	22.78	23.23	Real Estate
Independence Realty Trust Inc	1.41	24.18	37.12	Real Estate

### Total Holdings 111

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

Asset Allocation as of 09-30-2024

50

Fund

53.72

5.58

12.11

27.31

8.72

36.55

0.00

7.43

19.35

9.77

9.74

2.99

3.50

3.25

Bmark

54.94

5.05

10.51

25 41

13.97

27.42

2.63

6.80

10.48

7.51

17.63

3.07

9.33

5.23

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

0

€ Cyclical

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Utilities

Asset Class	Net %	Cat%
US Stocks	97.65	94.33
Non-US Stocks	1.12	4.01
Bonds	0.00	0.17
Cash	1.23	1.22
Other	0.00	0.28
Total	100.00	100.00

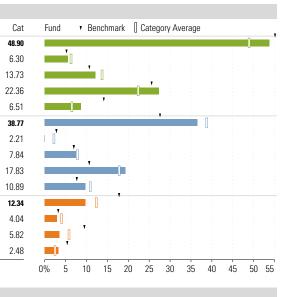
**Morningstar Index** 

Russell 2000 Value TR USD

**Morningstar Category** 

Small Value

100





## Eaton Vance Income Fund of Boston R6 EIBRX

### Portfolio Manager(s)

Stephen Concannon since 11-2014 Jeffrey Mueller since 06-2019 Kelley Baccei Gerrity since 06-2019

### Quantitative Screens

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

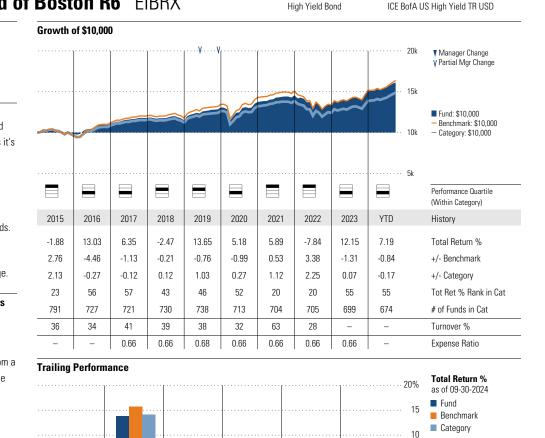
Management: The fund's management has been in place for 9.92 years.

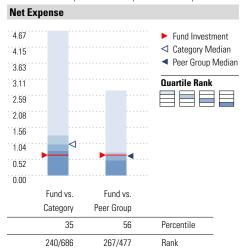
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.66 is 25.84% lower than the High Yield 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.





14	-	% Rank in Category					
435	-	# of I	# of Funds in Category				
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		0.94	-	0.02			
Beta		0.92	-	0.89			
R-Squared		97.63	-	94.57			
Standard Devia	ation	7.99	8.62	7.84			
Sharpe Ratio		0.03	-0.05	-0.09			
Tracking Error		1.43	-	1.90			
Information Ra	tio	0.51	-	-0.35			
Up Capture Rat	tio	95.55	-	88.54			
Down Capture	Ratio	87.19	-	88.27			
Portfolio M	etrics						

5 Λ

Since Inception

4.60

7.75

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

Fund Return %

Formono metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.16	-	3.05
Avg Eff Maturity	4.31	-	4.96

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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3 Month

3.93

5.28

4 4 1

75

680

1 Year

13.76

15.66

14 05

65

670

3 year

3.81

3.08

2 87

22

614

5 year

4.76

4.55

4 17

24

579

10 veai

4.89

4.95

4 17



Morningstar Category Morningstar Index

ICE BofA US High Yield TR USD

## Eaton Vance Income Fund of Boston R6 EIBRX

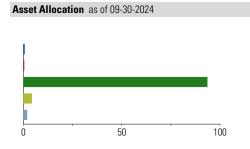
## Style Analysis as of 09-30-2024





Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	-	2.74
AA	0.00	-	1.70
A	0.00	-	0.91
BBB	3.71	-	5.62
BB	41.49	-	31.37
В	39.05	-	33.40
Below B	12.14	-	21.98
Not Rated	3.62	-	2.28



### Sector Weighting as of 09-30-2024

	Fund	Bmark	Cat	Fund 🔻 Benchmark 🛛 Category Average
Government	0.00	-	2.47	
Treasury	0.00	-	1.12	0
Inflation – Protected	0.00	-	0.00	0
Agency/Quasi Agency	0.00	-	0.00	
Other Government Related	0.00	-	1.35	10
Corporate	95.83	-	89.19	
Corporate Bond	86.30	-	86.65	
Bank Loan	8.14	-	1.71	
Convertible	0.32	-	0.46	
Preferred	1.07	-	0.37	0
Securitized	0.00	-	1.55	
Agency MBS Pass-Through	0.00	-	0.12	0
Agency MBS ARM	0.00	-	0.00	Ū
Agency MBS CMO	0.00	-	0.06	0
Non-Agency Residential MBS	0.00	-	0.05	
Commercial MBS	0.00	-	0.22	
Asset-Backed	0.00	-	1.10	0
Covered Bond	0.00	-	0.00	0
Municipal	0.00	-	0.04	
Cash & Equivalents	4.17	-	6.18	
Other	0.00	-	0.57	0

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 9500

### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
$\oplus$ Msilf Government Portfolio Msilf Government Portfolio	12-2030	3.24	3.24	-
⊕ Medline Borrower LP 5.25%	10-2029	0.81	4.04	-
$\oplus$ CCO Holdings, LLC/ CCO Holdings Capital Corp. 4.5%	08-2030	0.77	4.81	-
$\oplus$ Minerva Merger Subordinated Inc. 6.5%	02-2030	0.68	5.49	-
FORTRESS INTERMEDIATE 3 INC TERM LOAN B	06-2031	0.67	6.17	_
$\oplus$ Arsenal AIC Parent LLC 11.5%	10-2031	0.67	6.84	-
$\oplus$ Truist Insurance Holdings LLC	05-2032	0.64	7.47	-
$\oplus$ Alliant Holdings Intermediate LLC/Alliant Holdings Co-Issuer Inc 6.75%	10-2027	0.61	8.09	-
Rolls-Royce PLC 5.75%	10-2027	0.60	8.69	-
$\oplus$ Heartland Dental LLC / Heartland Dental Finance Corp. 10.5%	04-2028	0.60	9.28	-
Heartland Dental LLC / Heartland Dental Finance Corp. 10.5%				

### Total Holdings 424

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category High Yield Bond

Morningstar Index ICE BofA US High Yield TR USD

Total	100.00	100.00
Other	1.72	1.58
Cash	4.12	4.85
Bonds	93.46	92.86
Non-US Stocks	0.24	0.03
US Stocks	0.47	0.68
Asset Class	Net %	Cat%

## Federated Hermes Govt Ultrashort R6 FGULX

## 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 8 years it's been in existence.

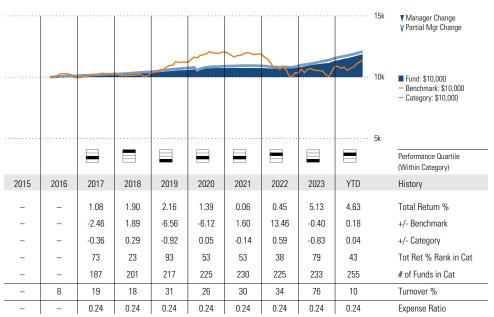
Management: The fund's management has been in place for 27.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.24 is 40% lower than the Ultrashort Bond category average.

## Morningstar Investment Management LLC Analysis

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

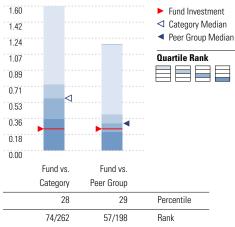


**Morningstar Category** 

Ultrashort Bond

### **Trailing Performance**





	_	% Rank in Category							
-	-	# of	# of Funds in Category						
3-Year Risk	Metrics								
		Fund	Bmark	Cat					
Alpha		3.41	-	3.45					
Beta		0.09	-	0.10					
R-Squared		50.48	-	34.61					
Standard Devia	tion	0.96	7.63	1.27					
Sharpe Ratio		-0.82	-0.66	-0.69					
Tracking Error		6.98	-	6.98					
Information Rat	io	0.68	-	0.68					
Up Capture Rati	io	23.30	-	23.03					
	Ratio	-8.54	_	-9.00					

Portiono metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.69	4.43	1.24
Avg Eff Maturity	-	-	1.90

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

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Morningstar Index

Bloomberg US Agg Bond TR USD



## Federated Hermes Govt Ultrashort R6 FGULX

## Style Analysis as of 09-30-2024





50

		100.00
Other	0.00	0.15
Cash	26.16	28.72
Bonds	73.84	66.89
Non-US Stocks	0.00	0.05
US Stocks	0.00	4.20
Asset Class	Net %	Cat%

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

Morningstar Category

Ultrashort Bond

### Sector Weighting as of 09-30-2024

0

Asset Allocation as of 09-30-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	39.54
AA	0.00	74.59	12.56
A	0.00	10.82	16.29
BBB	0.00	8.32	17.53
BB	0.00	0.28	2.42
В	0.00	0.00	1.19
Below B	0.00	0.00	0.39
Not Rated	0.00	2.46	10.08

	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Government	7.66	-	20.94	
Treasury	5.79	-	17.04	
Inflation – Protected	0.00	-	0.18	
Agency/Quasi Agency	1.87	-	0.88	•••••••••••••••••••••••••••••••••••••••
Other Government Related	0.00	-	2.84	
Corporate	0.00	-	36.21	
Corporate Bond	0.00	-	36.05	
Bank Loan	0.00	-	0.14	
Convertible	0.00	-	0.00	0
Preferred	0.00	-	0.02	
Securitized	69.83	-	20.68	
Agency MBS Pass-Through	14.62	-	0.95	
Agency MBS ARM	0.06	-	0.17	
Agency MBS CMO	55.15	-	1.70	
Non-Agency Residential MBS	0.00	-	0.15	
Commercial MBS	0.00	-	2.09	
Asset-Backed	0.00	-	15.62	
Covered Bond	0.00	-	0.00	
Municipal	0.00	-	0.50	0
Cash & Equivalents	22.51	-	20.12	
Other	0.00	-	1.56	10
				0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70

100

#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
🕀 Hsbc Repo 4 Repo	10-2024	10.78	10.78	_
🕀 Bank Of Montreal 6 Repo	10-2024	7.19	17.97	-
$\oplus$ Repo Bank America Repo	10-2024	3.89	21.86	-
$\odot$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.0065%	04-2033	3.50	25.37	-
⊖ Government National Mortgage Association 6.19541%	03-2054	3.19	28.55	-
Government National Mortgage Association 6.5%	06-2054	2.79	31.35	-
$\ominus$ Federal Home LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.9065%	12-2032	2.75	34.10	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.8565%	12-2032	2.57	36.67	-
$\ominus$ Government National Mortgage Association 5.12871%	01-2073	2.50	39.18	-
$\ominus$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.93012%	07-2053	2.16	41.34	-

### Total Holdings 230

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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## Invesco Oppenheimer International Gr R6 OIGIX

## Portfolio Manager(s)

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

### Quantitative Screens

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

Management: The fund's management has been in place for 28.54 years.

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

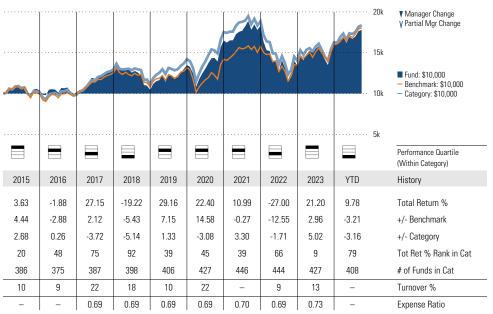
Net Expense: The fund's expense ratio of 0.73 is 27% lower than the Foreign Large Growth category average.

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

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

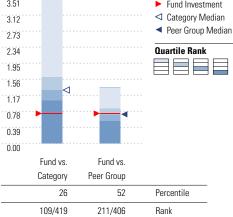
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022



### Trailing Performance





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

	Fund	Bmark	Cat
Alpha	-5.87	-	-5.40
Beta	1.20	-	1.10
R-Squared	89.92	-	87.58
Standard Deviation	21.37	16.95	19.97
Sharpe Ratio	-0.08	0.17	-0.08
Tracking Error	7.56	-	7.35
Information Ratio	-0.73	-	-0.73
Up Capture Ratio	106.08	-	96.05
Down Capture Ratio	131.29	-	119.05

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	30.01	15.74	23.36
Price/Book Ratio	5.10	1.84	3.57
Geom Avg Mkt Cap \$B	54.76	56.42	78.12
BOF	26.16	17 13	23.04

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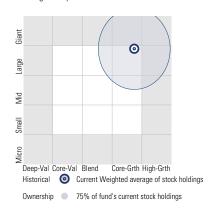
Morningstar CategoryNForeign Large GrowthN

Morningstar Index MSCI EAFE NR USD

Growth of \$10,000

# Invesco Oppenheimer International Gr R6 OIGIX

Style Analysis as of 09-30-2024 Morningstar Style Box™





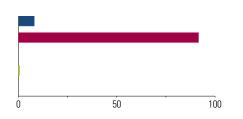


Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 09-30-2024



### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	29.83	39.38	33.15
æ.	Basic Materials	3.08	6.91	6.67
	Consumer Cyclical	20.91	10.01	11.94
ц.	Financial Services	5.84	20.12	14.19
ŵ	Real Estate	0.00	2.34	0.35
w	Sensitive	46.77	35.26	45.92
	Communication Services	3.16	4.82	4.20
0	Energy	3.54	3.65	2.70
¢	Industrials	22.95	17.08	19.45
	Technology	17.12	9.71	19.57
	Defensive	23.40	25.36	20.93
F	Consumer Defensive	6.09	8.56	6.06
٠	Healthcare	17.31	13.56	14.17
9	Utilities	0.00	3.24	0.70

 Asset Class
 Net %
 Cat%

 US Stocks
 7.94
 8.16

 Non-US Stocks
 91.55
 89.35

 Bonds
 0.00
 -0.16

Morningstar Index

MSCI EAFE NR USD

0.52

0.00

100.00

2.05

0.60

100.00

**Morningstar Category** 

Foreign Large Growth

Cash

Other

Total

F	Fund	,	Bench	mark	Cate	egory A	verage	2		
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09	6	5	10	15	20	25	30	35	40	45 50

		Greater Asia	Fund % 19.55	Cat % 27.20	Americas	Fund % 12.87	Cat % 16.16	Greater Europe	Fund % 67.58	Cat % 56.64	Market Maturity	Fund %
		Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	9.43 2.16 1.69 6.27	13.26 1.57 6.07 6.30	North America Central/Latin	12.87 0.00	13.53 2.63	United Kingdom W euro-ex UK Emrgng Europe Africa	27.15 40.43 0.00 0.00	12.78 43.44 0.03 0.39	Developed Markets Emerging Markets Not Available	93.73 6.27 0.00
i	>75	Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Novo Nordisk AS Class B	3.46	3.46	_	Healthcare
igodot Reliance Industries Ltd	3.23	6.69	-	Energy
$igodoldsymbol{ o}$ London Stock Exchange Group PLC	3.09	9.78	11.50	Financial Services
$\odot$ ASML Holding NV	2.92	12.70	10.07	Technology
⊖ Dollarama Inc	2.87	15.57	45.35	Consumer Defensive
$\ominus$ Next PLC	2.85	18.42	22.23	Consumer Cyclical
⊖ Compass Group PLC	2.78	21.21	13.62	Consumer Cyclical
⊖ Epiroc Ab	2.75	23.95	-	-
$\oplus$ Flutter Entertainment PLC	2.74	26.70	32.56	Consumer Cyclical
igodot Hermes International SA	2.65	29.35	16.27	Consumer Cyclical

. . . . . . . . .

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

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### **Neuberger Berman Mid Cap Growth R6** NRMGX

## Portfolio Manager(s)

Chad Bruso since 01-2020 Trevor Moreno since 01-2020 Jennifer Blachford since 12-2021

### Quantitative Screens

*Performance:* The fund has finished in the Mid-Cap 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 4.71 years.

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

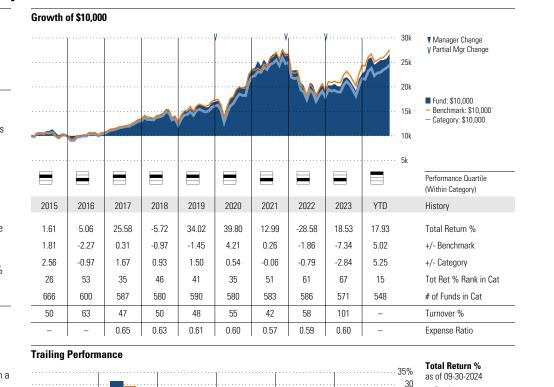
Net Expense: The fund's expense ratio of 0.6 is 43.4% lower than the Mid-Cap Growth category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022



Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD



**Portfolio Metrics** 

Price/Earnings Ratio

Geom Avg Mkt Cap \$B

Price/Book Ratio

ROE

45/556	90/476	Rank	
Peer group is a subset of t	he category ar	nd includes fun	ds with the
same management style (	active vs. pass	ive) and simila	r share class
characteristics.			

19

Percentile

Fund vs

Peer Group

Fund

35.87

7.36

28.99

22.47

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Fund vs

Category

8



Bmark

31.89

8.97

24 60

31.31

Cat

33.60

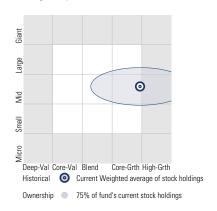
5.72

22 41

21.72

## Neuberger Berman Mid Cap Growth R6 NRMGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





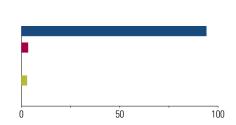
>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Palantir Technologies Inc Ordinary Shares - Class A	3.89	3.89	116.66	Technology
€ Ssc Government Mm Gvmxx	2.73	6.62	_	-
$\ominus$ The Trade Desk Inc Class A	2.69	9.30	52.38	Technology
Ares Management Corp Ordinary Shares - Class A	2.55	11.86	33.39	Financial Services
Monolithic Power Systems Inc	2.53	14.39	47.16	Technology
Axon Enterprise Inc	2.48	16.87	54.69	Industrials
W.W. Grainger Inc	2.14	19.01	26.07	Industrials
Heico Corp	2.13	21.14	46.30	Industrials
Deckers Outdoor Corp	1.94	23.08	43.13	Consumer Cyclical
⊖ Cencora Inc	1.94	25.02	10.34	Healthcare
$\ominus$ Datadog Inc Class A	1.93	26.95	-5.21	Technology
Tradeweb Markets Inc	1.93	28.88	36.41	Financial Services
Ross Stores Inc	1.84	30.72	9.55	Consumer Cyclical
Vistra Corp	1.79	32.51	209.43	Utilities
Pure Storage Inc Class A	1.67	34.19	40.89	Technology

### Total Holdings 77

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



Fund

29.78

0.01

15.55

12.65

1.57

53.98

2.28

1.06

21.63

29.01

16.24

2.17

12.21

1.86

Bmark

28.42

0.99

15.37

10.61

1.45

53.61

2.63

3.89

16.38

30.71

17.96

2.43

13.79

1.74

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

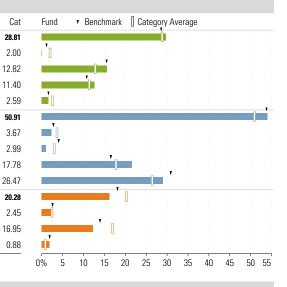
Asset Class	Net %	Cat%
US Stocks	94.01	93.78
Non-US Stocks	3.26	4.14
Bonds	0.00	0.05
Cash	2.73	1.54
Other	0.00	0.50
Total	100.00	100.00

Morningstar Index

Russell Mid Cap Growth TR USD

Morningstar Category

Mid-Cap Growth



# PIMCO Commodity Real Ret Strat Instl PCRIX

Updated

08-31-2024

### Portfolio Manager(s)

Greg Sharenow since 11-2018 Stephen Rodosky since 01-2019 Andrew Dewitt since 02-2022

### Quantitative Screens

*Performance:* The fund has finished in the Commodities Broad Basket category's top three quartiles in 8 of the 10 years it's been in existence.

Management: The fund's management has been in place for 5.92 years.

Style Consistency is not calculated for Fixed Income funds.

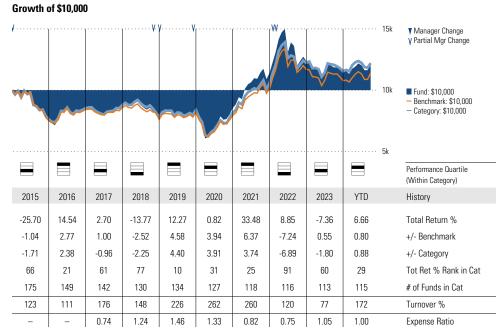
Net Expense: The fund's expense ratio of 1 is 0.99% lower than the Commodities Broad Basket category average.

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

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

#### ESG Metrics

Metric Rating Sustainability Rating 2

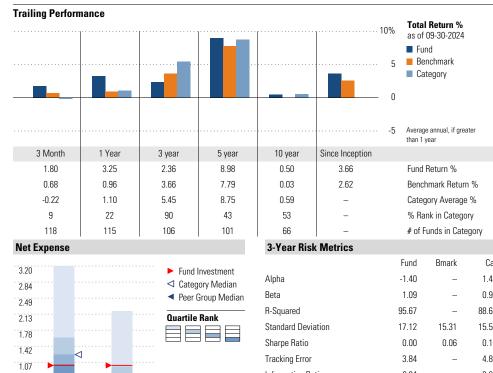


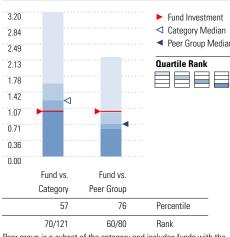
Morningstar Category

Commodities Broad Basket

Morningstar Index

Bloomberg Commodity TR USD





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

Cat 1.47 0.96 88.68 15.55 0.14 4.85 Information Ratio -0.34 0.04 Up Capture Ratio 102.41 95.40 109.45 88.21 Down Capture Ratio .....

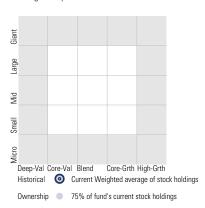
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.27	-	7.93
Price/Book Ratio	3.56	-	1.87
Geom Avg Mkt Cap \$B	16.44	-	44.07
ROE	29.97	-	27.17

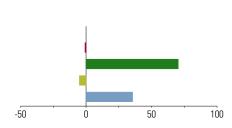
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# PIMCO Commodity Real Ret Strat Instl PCRIX

Style Analysis as of 09-30-2024 Morningstar Style Box™





-0.82 70.36 -5.07 35.53	0.37 31.65 54.16 12.74
70.36	31.65
-0.82	0.37
0.00	1.08
Net %	Cat%

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fun	d	• Be	nchma	ark 🛛	Categ	jory Av	erage				
Դ	Cyclical	-	-	44.68										0		
ŵ.	Basic Materials	-	-	44.68										0		
≏	Consumer Cyclical	-	-	0.00	Ó											
÷.	Financial Services	-	-	0.00	0											
æ	Real Estate	-	-	0.00	Ū											
M	Sensitive	-	-	51.07											[	
d	Communication Services	-	-	0.00	ĺ											
•	Energy	-	-	48.94											[	
\$	Industrials	-	-	2.13	0											
	Technology	-	-	0.00	Ì											
•	Defensive	-	-	4.26												
	Consumer Defensive	-	-	4.26		0										
	Healthcare	-	_	0.00	Ì											
2	Utilities	-	-	0.00	Ó											
					0%	5	10	15	20	25	30	35	40	45	50	ļ

## Style Breakdown



### >50 25-50 10-25 0-10

Weight %

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ 2 Year Treasury Note Future Sept 24	23.08	23.08	_	_
RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Receive	21.17	44.25	-	-
RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Pay	21.17	65.42	-	-
United States Treasury Notes 0.125%	16.27	81.69	-	-
券 Offset: Unsettled Trades	13.98	95.67	-	-
娄 Cash Offset	12.35	108.02	_	-
IRS EUR 2.75000 09/18/24-10Y LCH Pay	12.23	120.25	-	-
IRS EUR 2.75000 09/18/24-10Y LCH Receive	12.18	132.43	-	-
United States Treasury Notes 0.125%	10.41	142.84	-	-
$\odot$ 10 Year Treasury Note Future Sept 24	9.42	152.26	-	_
⊖ US Treasury Bond Future Sept 24	9.36	161.62	_	-
$\oplus$ Pimco Cayman Cmdty Fd Ltd Instl	9.21	170.83	-	-
➔ United States Treasury Notes 0.5%	8.49	179.32	-	-
	8.46	187.78	-	-
⊖ U S TIPS REV REPO	8.43	196.21	_	_

### Total Holdings 774

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio



Morningstar Category Morningstar Index

Commodities Broad Basket Bloomberg Commodity TR USD

### Commodition

## PIMCO Income Insti PIMIX

### 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 17.52 years.

Style Consistency is not calculated for Fixed Income funds.

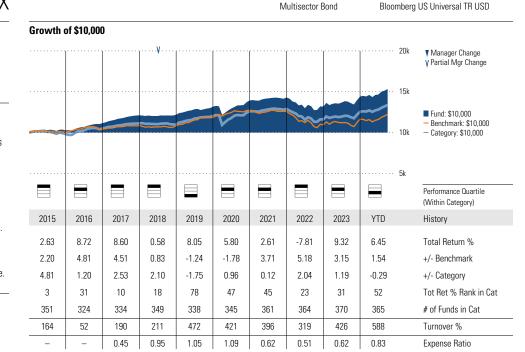
Net Expense: The fund's expense ratio of 0.83 is 16.16% lower than the Multisector Bond category average.

### **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.

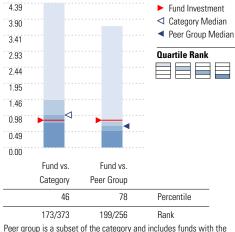
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024









46	78	Percentile	Avg Eff [
373	199/256	Rank	Avg Eff N
	0 /	includes funds with	the
ent style	e (active vs. passiv	/e) and similar share o	class

Cat Alpha 3.26 2.10 0.82 0 78 Beta R-Squared 87.06 78.51 Standard Deviation 6 61 7 52 6.59 Sharpe Ratio -0.19 -0.63 -0.36 Tracking Error 2.74 3.57 Information Ratio 1.27 0.69 Up Capture Ratio 93.26 82.37 Down Capture Ratio 62.51 63.09 **Portfolio Metrics** 

	Fund	Bmark	Cat
Avg Eff Duration	4.22	4.55	3.95
Avg Eff Maturity	5.48	7.69	6.43

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same manageme characteristics.



Morningstar Category Morningstar Index

Bloomberg US Universal TR USD

# PIMCO Income Insti PIMIX

### Style Analysis as of 09-30-2024 Style Breakdown



-100 -50 0 50 100 150 200

Asset Class	Net %	Cat%
US Stocks	0.61	1.19
Non-US Stocks	0.33	0.15
Bonds	154.54	112.55
Cash	-55.09	-13.24
Other	-0.37	-0.65
Total	100.00	100.00

**Morningstar Index** 

Bloomberg US Universal TR USD

Morningstar Category

Multisector Bond

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	64.80	67.64	19.88
AA	5.56	3.23	11.93
A	4.10	10.03	11.10
BBB	11.30	10.89	24.08
BB	3.96	3.19	15.27
В	4.18	3.64	9.24
Below B	6.10	1.38	2.98
Not Rated	0.00	0.00	5.53

	Fund	Bmark	Cat	Fund	,	Benchm	ark 🛛 C	Category	Average			
Government	30.02	-	35.09			-	-					
Treasury	3.02	-	9.02			0						
Inflation – Protected	2.11	-	1.04									
Agency/Quasi Agency	0.01	-	0.21	0								
Other Government Related	24.88	-	24.82									
Corporate	3.26	-	33.22								0	
Corporate Bond	2.69	-	28.24							0		
Bank Loan	0.56	-	3.12									
Convertible	0.01	-	0.62	10								
Preferred	0.00	-	1.24	10								
Securitized	30.16	-	26.87						]			
Agency MBS Pass-Through	16.72	-	9.84				-					
Agency MBS ARM	0.00	-	0.07	0								
Agency MBS CMO	0.11	-	3.09	[								
Non-Agency Residential MBS	4.82	-	5.32									
Commercial MBS	0.34	-	2.08									
Asset-Backed	8.17	-	6.47									
Covered Bond	0.00	_	0.00	D								
Municipal	0.02	-	0.20	0								
Cash & Equivalents	25.78	-	2.05									
Other	10.72	-	2.58									
				0%	5	10	15	20	25	30	35	40

## Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Offset: Unsettled Trades	_	56.72	56.72	_
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Pay	05-2025	13.93	70.65	-
RFR USD SOFR/4.50000 05/22/23-2Y LCH Receive	05-2025	13.85	84.50	-
€ Federal National Mortgage Association 6%	08-2054	11.81	96.32	-
⊕ RFR GBP SONIO/4.00000 09/18/24-5Y LCH Receive	09-2029	8.23	104.55	-
⊕ RFR GBP SONIO/4.00000 09/18/24-5Y LCH Pay	09-2029	8.20	112.76	_
① RFR USD SOFR/4.90000 06/06/23-2Y LCH Pay	06-2025	8.20	120.96	-
RFR USD SOFR/4.90000 06/06/23-2Y LCH Receive	06-2025	8.19	129.14	-
🗱 Cash Offset	-	8.04	137.18	-
⊖ BRITISH POUND STERLING Sold	08-2024	7.01	144.19	-

### Total Holdings 9462

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# PIMCO International Bond (USD-Hdg) Instl PFORX

Portfolio Manager(s)

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

### Quantitative Screens

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

*Management:* The fund's management has been in place for 10.02 years.

Style Consistency is not calculated for Fixed Income funds.

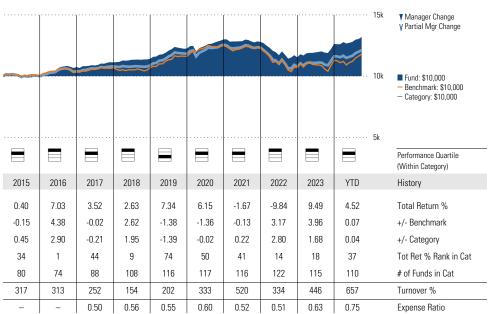
Net Expense: The fund's expense ratio of 0.75 is 7.14% higher than the Global Bond-USD Hedged category average.

### Morningstar Investment Management LLC Analysis

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2024

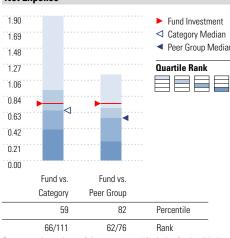


Morningstar Category

Global Bond-USD Hedged







Tracking Error	4.00	-
Information Ratio	0.58	-
Up Capture Ratio	64.75	-
Down Capture Ratio	49.03	-
<b>Portfolio Metrics</b>		
	Fund	Bmark
Avg Eff Duration	5 74	4 43

Avg Eff Duration	5.74	4.43	5.76
Avg Eff Maturity	6.58	-	7.84

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

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0.21

81.19

77.95

Cat

Morningstar Index

Bloomberg US Agg Bond TR USD



# PIMCO International Bond (USD-Hdg) Instl PFORX

## Style Analysis as of 09-30-2024





Duration

	- T- 1			
-50	0	50	100	150

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

#### Asset Class Net % Cat% US Stocks 1.27 0.05 Non-US Stocks 0.00 0.00 Bonds 120.88 70.71 Cash -16.63 29.11 Other -5.52 0.14 Total 100.00 100.00

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

Morningstar Category

Global Bond-USD Hedged

#### **Credit Rating Breakdown** Fund Bmark Cat AAA 43.64 3.53 33.09 AA 14.76 74.59 11.34 16.99 10.82 А 26.03 BBB 21.56 8.32 21.22 BB 1.27 0.28 2.85 В 0.34 0.00 1.80 Below B 1.45 0.00 0.63 Not Rated 0.00 2.46 3.04

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Catego	ory Averag	е	
Government	42.16	-	36.58					0	
Treasury	5.34	-	25.15				0		
Inflation – Protected	0.96	-	1.24						
Agency/Quasi Agency	0.69	-	3.23						
Other Government Related	35.17	-	6.96		0				
Corporate	2.01	_	12.28		[				
Corporate Bond	1.92	-	11.98		[				
Bank Loan	0.09	-	0.17	0					
Convertible	0.00	-	0.09	0					
Preferred	0.00	-	0.04	0					
Securitized	11.23	-	6.19						
Agency MBS Pass-Through	7.88	-	3.77						
Agency MBS ARM	0.00	-	0.00	0					
Agency MBS CMO	0.03	-	0.32	[]					
Non-Agency Residential MBS	1.00	-	0.16						
Commercial MBS	0.13	-	0.39	0					
Asset-Backed	1.86	-	1.25						
Covered Bond	0.33	-	0.30	0					
Municipal	0.03	-	0.08						
Cash & Equivalents	31.52	_	2.69	]					
Other	13.04	-	42.21						

### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ IRS EUR 2.75000 09/18/24-5Y LCH Pay	09-2029	19.80	19.80	_
IRS EUR 2.75000 09/18/24-5Y LCH Receive	09-2029	19.75	39.54	-
CDX IG42 5Y ICE	06-2029	17.03	56.57	-
⊖ 3 Month SOFR Future Mar 25	06-2025	16.78	73.36	-
⊕ IRS EUR 2.75000 09/18/24-10Y LCH Pay	09-2034	14.58	87.93	-
€ IRS EUR 2.75000 09/18/24-10Y LCH Receive	09-2034	14.52	102.45	_
🗱 Cash Offset	-	13.94	116.39	-
⊕ IRS CNY 2.25000 09/18/24-5Y LCH Receive	09-2029	13.32	129.71	-
€ IRS CNY 2.25000 09/18/24-5Y LCH Pay	09-2029	13.13	142.85	-
$\ominus$ 5 Year Treasury Note Future Sept 24	10-2024	12.41	155.26	-

### Total Holdings 1635

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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## State St Russell Sm Cap® Gr Indx NL CI C

### Portfolio Manager(s)

Management Team since 09-2009

#### **Quantitative Screens**

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

*Management:* The fund's management has been in place for 15.08 years.

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

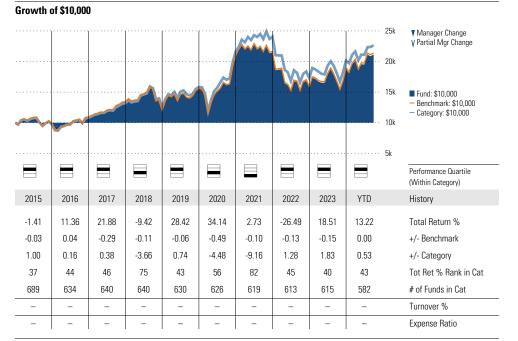
Net Expense: The fund's expense ratio of 0.05 is 95.28% lower than the Small Growth category average.

### **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.

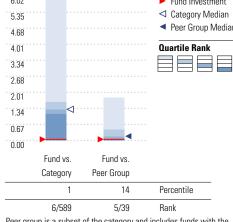
#### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022









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

# of Funds in Category Cat -0.09 0.94 100.00 **R-Squared** 94.04 Standard Deviation 23.07 23.09 22 37 Sharpe Ratio -0.07 -0.07 -0.08 Tracking Error 0.09 5.24 Information Ratio -1.40 -0.06 Up Capture Ratio 99.65 93.27 Down Capture Ratio 100.07 93.90 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	23.07	23.07	28.66
Price/Book Ratio	4.23	4.22	4.19
Geom Avg Mkt Cap \$B	3.28	3.28	6.71
ROE	6.23	6.24	12.92

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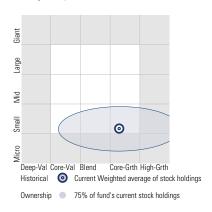


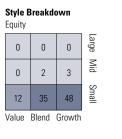
Morningstar Category Morningstar Index Small Growth

Russell 2000 Growth TR USD

# State St Russell Sm Cap® Gr Indx NL CI C

Style Analysis as of 09-30-2024 Morningstar Style Box™



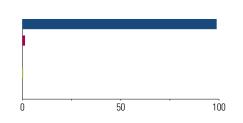


### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vaxcyte Inc Ordinary Shares	1.00	1.00	81.96	Healthcare
FTAI Aviation Ltd	0.99	1.99	188.36	Industrials
Insmed Inc	0.84	2.83	135.56	Healthcare
$\ni$ Sprouts Farmers Market Inc	0.81	3.64	129.49	Consumer Defensive
e  Applied Industrial Technologies Inc	0.62	4.27	29.85	Industrials
∋ Fabrinet	0.62	4.89	24.23	Technology
ightarrow Ensign Group Inc	0.58	5.47	28.33	Healthcare
$\ni$ Mueller Industries Inc	0.56	6.04	58.43	Industrials
Carpenter Technology Corp	0.56	6.60	126.24	Industrials
$\ominus$ Lantheus Holdings Inc	0.55	7.15	77.02	Healthcare
⊖ Fluor Corp	0.55	7.70	21.80	Industrials
SPS Commerce Inc	0.53	8.23	0.17	Technology
$\ni$ Halozyme Therapeutics Inc	0.53	8.76	54.87	Healthcare
$\ni$ SPX Technologies Inc	0.52	9.28	57.87	Industrials
ightarrow Abercrombie & Fitch Co Class A	0.51	9.79	58.58	Consumer Cyclical

### Total Holdings 1053

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



Fund

22.39

4.20

9.34

7.23

1.62

47.60

1.79

3.33

20.60

21.88

30.00

3.82

25.58

0.60

Bmark

22.41

4.19

9.35

7 23

1.64

47.63

1.80

3.35

20.63

21.85

29.95

3.81

25.54

0.60

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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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** 

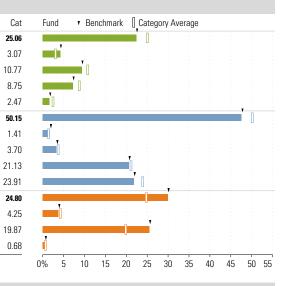
#### Asset Class Net % Cat% US Stocks 98.67 92.73 Non-US Stocks 1.14 4.54 Bonds 0.00 0.00 Cash 0.19 1.50 0.00 Other 1.23 Total 100.00 100.00

Morningstar Index

Russell 2000 Growth TR USD

**Morningstar Category** 

Small Growth



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Weight %

```
>50 25-50 10-25 0-10
```

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## Vanguard 500 Index Admiral VFIAX

## Portfolio Manager(s)

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 6.84 years.

Style: The fund has landed in its primary style box — Large Blend — 77.14 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.04 is 94.52% lower than the Large Blend category average.

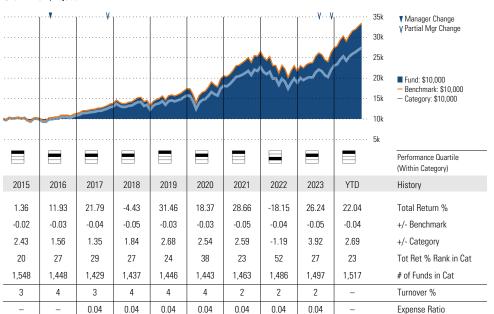
### **Morningstar Investment Management LLC Analysis**

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**

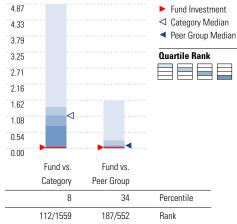
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022











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

919	-	# of Funds in Category			
3-Year Risk	Metrics				
		Fund	Bmark	Cat	
Alpha		-0.04	-	-1.07	
Beta		1.00	-	0.94	
R-Squared		100.00	-	94.38	
Standard Deviat	ion	17.52	17.53	16.95	
Sharpe Ratio		0.51	0.52	0.42	
Tracking Error		0.00	-	3.71	
Information Rati	0	-11.38	-	-1.34	
Up Capture Ratio	D	99.91	-	92.03	
Down Capture R	atio	100.07	-	96.37	
Portfolio Me	trics				

	Fund	Bmark	Cat
Price/Earnings Ratio	27.49	27.50	26.80
Price/Book Ratio	4.80	4.80	5.15
Geom Avg Mkt Cap \$B	327.76	328.12	362.94
ROE	33.77	33.77	33.76

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Morningstar Index

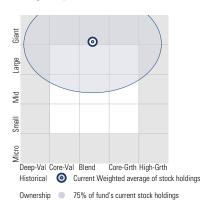
Morningstar Category

Large Blend

S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Apple Inc	7.25	7.25	21.40	Technology
Dicrosoft Corp	6.55	13.80	15.03	Technology
• NVIDIA Corp	6.12	19.91	145.27	Technology
€ Amazon.com Inc	3.56	23.48	22.63	Consumer Cyclical
e Meta Platforms Inc Class A	2.56	26.04	62.15	Communication Svc
⊖ Alphabet Inc Class A	1.99	28.03	19.01	Communication Svc
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.73	29.75	29.05	Financial Services
ightarrow Alphabet Inc Class C	1.64	31.40	18.92	Communication Svc
🕀 Broadcom Inc	1.64	33.04	55.95	Technology
	1.49	34.52	5.29	Consumer Cyclical
∋ Eli Lilly and Co	1.43	35.96	52.65	Healthcare
igodologie JPMorgan Chase & Co	1.23	37.18	25.93	Financial Services
	1.11	38.29	12.21	Healthcare
∋ Exxon Mobil Corp	1.07	39.35	20.09	Energy
🕀 Visa Inc Class A	0.93	40.29	6.21	Financial Services

### Total Holdings 508

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Asset Allocation as of 09-30-2024

100

50

Fund

27.10

2.00

10.29

12.47

2.34

52.74

8.87

3.31

7.58

32.98

20.16

5.87

11.62

2.67

Bmark

27.13

2.00

10.30

12 49

2.34

52.68

8.87

3.31

7.59

32.91

20.18

5.88

11.63

2.67

51.46

29.81

20.82

Sector Weighting as of 09-30-2024

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

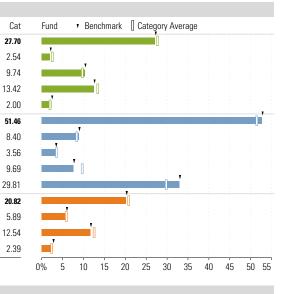
Technology

Defensive

Healthcare

**Consumer Defensive** 

Asset Class	Net %	Cat%
US Stocks	99.04	95.93
Non-US Stocks	0.59	2.42
Bonds	0.00	0.34
Cash	0.36	0.37
Other	0.00	0.96
Total	100.00	100.00



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**Morningstar Category** 

📕 Large Blend

**Morningstar Index** S&P 500 TR USD

# Vanguard Inflation-Protected Secs Adm VAIPX

#### Portfolio Manager(s)

John Madziyire since 11-2021

#### Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

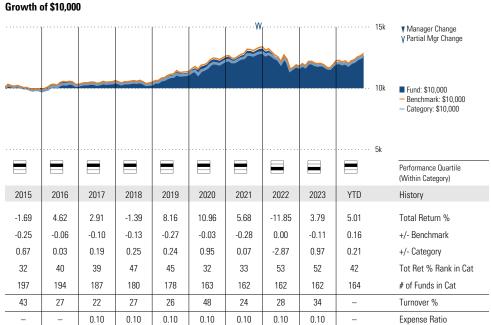
Net Expense: The fund's expense ratio of 0.1 is 85.07% lower than the Inflation-Protected Bond category average.

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

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

#### **ESG Metrics**

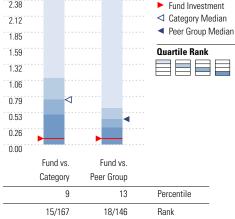
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024



**Morningstar Category** 

Inflation-Protected Bond





••••••1			Return % 09-30-2024	
	5		nd nchmark tegory	
	0			
		Average than 1 y	e annual, if gre vear	ater
e Inception				
3.37		Fund I	Return %	
4.74		Bench	nmark Retur	n %
-		Categ	ory Average	е %
-		% Ra	nk in Catego	ory
-		# of F	unds in Cat	egory
rics				
	Fu	ınd	Bmark	Cat
	-0	.05	_	-0.25
	0	.99	_	1.00
	99	.74	_	96.43
	7	.13	7.18	7.78
	-0	.59	-0.58	-0.60
	0	.37	_	1.66
	-0	.13	_	-0.49
	99	.32	_	98.55
	99	.84	_	101.62

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.70	4.52	5.50
Avg Eff Maturity	7.60	-	6.78

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

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Morningstar Index Bloomberg US Treasury US TIPS TR USD

Beta

R-Squared

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation

# Vanguard Inflation-Protected Secs Adm VAIPX

#### Style Analysis as of 09-30-2024





0 50 100

Asset Class	Net %	Cat%
US Stocks	0.00	0.28
Non-US Stocks	0.00	-0.08
Bonds	97.08	96.14
Cash	2.92	2.24
Other	0.00	1.43
Total	100.00	100.00

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	97.69	0.00	33.63
AA	0.00	99.60	62.08
А	0.00	0.00	0.83
BBB	0.00	0.00	0.96
BB	0.00	0.00	0.10
В	0.00	0.00	0.02
Below B	0.00	0.00	0.08
Not Rated	2.31	0.40	2.30

Fund	Bmark	Cat	Fund • Benchmark 🛛 Category Average
97.08	-	85.91	
4.27	-	0.38	
92.81	-	80.08	<b></b>
0.00	-	0.10	
0.00	-	5.35	10
0.00	-	1.05	
0.00	-	1.02	
0.00	-	0.00	
0.00	-	0.00	Ū
0.00	-	0.03	
0.00	-	4.67	
0.00	-	2.24	10
0.00	-	0.00	ļ
0.00	-	0.38	
0.00	-	0.05	
0.00	-	0.23	
0.00	-	1.74	
0.00	-	0.03	ĺ
0.00	_	0.01	
2.92	-	8.21	
0.00	-	0.14	
	97.08 4.27 92.81 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	97.08       -         4.27       -         92.81       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -	97.08         -         85.91           4.27         -         0.38           92.81         -         80.08           0.00         -         0.10           0.00         -         5.35           0.00         -         1.02           0.00         -         1.02           0.00         -         0.00           0.00         -         0.00           0.00         -         0.00           0.00         -         0.03           0.00         -         2.24           0.00         -         2.24           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.23           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03

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

#### Top 10 Holdings as of 09-30-2024 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ⊕ United States Treasury Notes 5.77 5.77 \_ ⊖ United States Treasury Notes 3.75 9.52 \_ ⊕ United States Treasury Notes 3.52 13.04 \_ ⊖ United States Treasury Notes 3.47 16.50 \_ ⊖ United States Treasury Notes 19.95 3.45 \_ ⊕ United States Treasury Notes 3.26 23.22 \_ \_ ⊖ United States Treasury Notes 3.21 26.43 \_ ⊕ United States Treasury Notes 29.60 3.17 \_ ⊖ United States Treasury Notes 3.17 32.77 \_ ⊖ United States Treasury Notes 3.09 35.86 \_

#### Total Holdings 60

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Morningstar Category Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

# Vanguard International Value Inv VTRIX

Growth of \$10,000

Portfolio Manager(s)

· ·······
Michael Bennett since 05-2010
Michael Fry since 05-2010
Steven Morrow since 08-2012
A. Rama Krishna since 12-2012
Arjun Kumar since 10-2020
Shirley Woo since 10-2020

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 14.35 years.

× Style: The fund has landed in its primary style box — Large Value — 0 % of the time over the past three years.

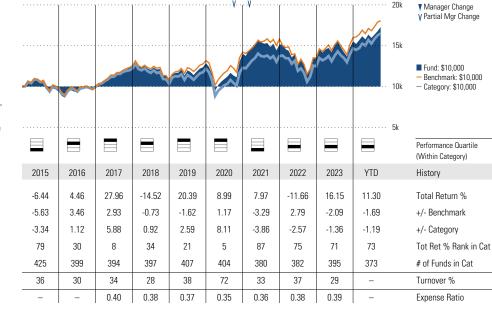
Net Expense: The fund's expense ratio of 0.39 is 59.38% lower than the Foreign Large Value category average.

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

This fund fails the style consistency screen. Its largest underlying subadvisor employs a relative value approach, which can include more growth-leaning stocks, causing the fund to plot near the border of the value and blend column in the Morningstar Stylebox.

#### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

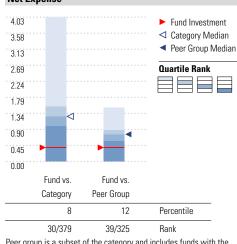




Alpha

Beta

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.

than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat -0.04 1.91 0.97 0.96 R-Squared 91.13 87.80 Standard Deviation 17 26 16.95 17 31 Sharpe Ratio 0.16 0 17 0.27 Tracking Error 5.16 6.14 Information Ratio -0.06 0.28 Up Capture Ratio 95.95 97.85 Down Capture Ratio 96.37 90.40 **Portfolio Metrics** 

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater

Category

Fund

20

15

10

5

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	Fund	Bmark	Cat
Price/Earnings Ratio	15.23	15.74	11.98
Price/Book Ratio	1.74	1.84	1.28
Geom Avg Mkt Cap \$B	34.15	56.42	40.98
ROE	16.70	17.13	12.91

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**Morningstar Category** 

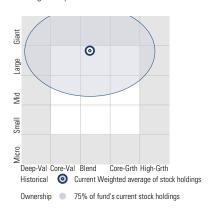
Foreign Large Value

Morningstar Index MSCI EAFE NR USD

201

# Vanguard International Value Inv VTRIX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2024

•		
0	50	100

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	43.10	39.38	42.29
æ.	Basic Materials	8.25	6.91	7.92
	Consumer Cyclical	16.40	10.01	9.73
ц.	Financial Services	16.95	20.12	23.40
ŵ	Real Estate	1.50	2.34	1.24
w	Sensitive	39.31	35.26	35.71
	Communication Services	4.82	4.82	5.16
0	Energy	4.51	3.65	8.16
¢	Industrials	20.13	17.08	14.61
	Technology	9.85	9.71	7.78
	Defensive	17.61	25.36	21.99
F	Consumer Defensive	6.47	8.56	8.63
٠	Healthcare	10.58	13.56	9.57
9	Utilities	0.56	3.24	3.79

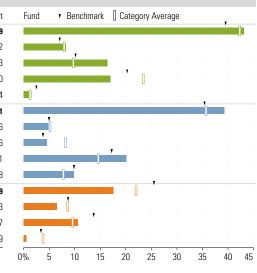
#### Asset Class Net % Cat% US Stocks 3.27 2.90 Non-US Stocks 92.03 95.38 Bonds 0.00 0.11 Cash 4.08 2.84 Other 0.61 -1.21 Total 100.00 100.00

Morningstar Index

MSCI EAFE NR USD

**Morningstar Category** 

Foreign Large Value



-		Greater Asia	Fund % 39.95	Cat % 29.86	Americas	Fund % 10.95	Cat % 8.38	Greater Europe	Fund % 49.11	Cat % 61.75	Market Maturity	Fund %
		Japan	13.01	16.99	North America	6.54	7.35	United Kingdom	14.98	18.36	Developed Markets	80.11
		Australasia	0.79	3.12	Central/Latin	4.41	1.03	W euro-ex UK	33.81	42.51	Emerging Markets	19.89
		Asia-4 Tigers	10.98	6.90				Emrgng Europe	0.00	0.17	Not Available	0.00
		Asia-ex 4 Tigers	15.17	2.85				Africa	0.32	0.71		
		Not Classified	0.00	0.00								
	>75											

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Tencent Holdings Ltd	3.09	3.09	_	Communication Svc
∋ Mktliq 12/31/2049	2.83	5.91	-	-
i  Taiwan Semiconductor Manufacturing Co Ltd	1.84	7.76	_	Technology
igodolog Roche Holding AG	1.65	9.40	-	Healthcare
$ m egin{array}{c} egin{arr$	1.28	10.69	-13.86	Industrials
🕀 AIA Group Ltd	1.26	11.94	-	Financial Services
HSBC Holdings PLC	1.21	13.16	14.23	Financial Services
€ Slcmt1142	1.15	14.30	-	-
€ Kering SA	1.13	15.43	-32.12	Consumer Cyclical
ightarrow Unilever PLC	1.12	16.56	30.24	Consumer Defensive

#### Total Holdings 259

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

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# Vanguard Mid-Cap Value Index Admiral VMVAX

#### Portfolio Manager(s)

Aurélie Denis since 02-2023 Aaron Choi since 08-2023

#### Quantitative Screens

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

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

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

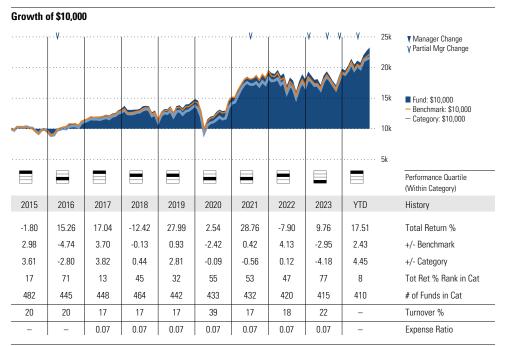
Net Expense: The fund's expense ratio of 0.07 is
 92.71% lower than the Mid-Cap Value category average.

#### Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen. Although the managers on this fund are relatively recent additions, they are experienced at Vanguard, and the team-managed, well-established process of running index funds at Vanguard means that such changes are not concerning.

#### **ESG Metrics**

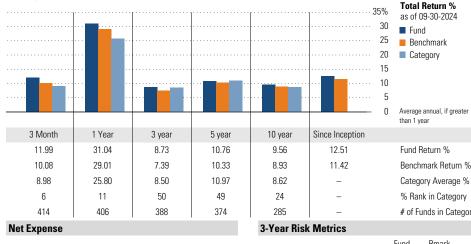
Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

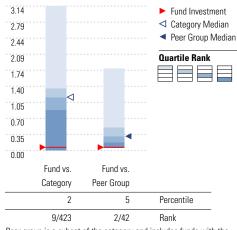


Morningstar Category

Mid-Cap Value

#### 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.

285	_	# of	Funds in Ca	tegory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		1.58	-	1.40
Beta		0.94	-	0.94
R-Squared		98.59	-	94.42
Standard Devia	tion	18.68	19.66	19.11
Sharpe Ratio		0.34	0.27	0.32
Tracking Error		2.48	-	4.72
Information Rat	tio	0.54	-	0.24
Up Capture Rat	io	97.72	-	95.29
Down Capture	Ratio	92.53	-	90.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.33	19.44	17.35
Price/Book Ratio	2.46	2.43	2.09
Geom Avg Mkt Cap \$B	31.29	20.46	16.28
ROE	18.34	15.17	14.21

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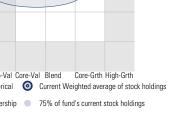
Morningstar Index

Russell Mid Cap Value TR USD

# Vanguard Mid-Cap Value Index Admiral VMVAX

Style Analysis as of 09-30-2024 Morningstar Style Box™











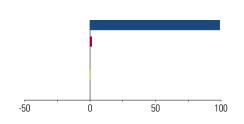
>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Carrier Global Corp Ordinary Shares	1.53	1.53	40.77	Industrials
$\oplus$ Arthur J. Gallagher & Co	1.36	2.89	25.92	Financial Services
$\ominus$ Newmont Corp	1.36	4.25	30.95	Basic Materials
$\ominus$ D.R. Horton Inc	1.24	5.49	26.12	Consumer Cyclical
$\ominus$ United Rentals Inc	1.18	6.67	42.06	Industrials
⊖ ONEOK Inc	1.18	7.85	34.01	Energy
$\oplus$ Digital Realty Trust Inc	1.17	9.02	22.97	Real Estate
⇒ PACCAR Inc	1.14	10.17	1.95	Industrials
⊖ Allstate Corp	1.11	11.27	37.46	Financial Services
$\ominus$ Ameriprise Financial Inc	1.02	12.29	24.82	Financial Services
$\ominus$ Fidelity National Information Services Inc	1.01	13.31	41.22	Technology
$\ominus$ L3Harris Technologies Inc	1.00	14.30	14.59	Industrials
$\ominus$ Public Service Enterprise Group Inc	0.98	15.29	48.83	Utilities
€ Cummins Inc	0.98	16.27	37.32	Industrials
⊖ Kenvue Inc	0.98	17.25	10.24	Consumer Defensive

#### Total Holdings 188

🕀 Increase 👄 Decrease 🕸 New to Portfolio



00.00
0.13
2.29
0.02
6.72
90.84
Cat%

Morningstar Index

Russell Mid Cap Value TR USD

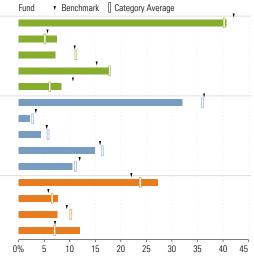
Morningstar Category

Mid-Cap Value

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	40.68	41.94	40.22
æ.	Basic Materials	7.45	5.50	5.13
	Consumer Cyclical	7.23	10.83	11.20
ц.	Financial Services	17.60	15.13	17.81
ŵ	Real Estate	8.40	10.48	6.08
V <sup>ar</sup>	Sensitive	32.03	36.15	35.98
đ	Communication Services	2.25	3.22	2.76
0	Energy	4.31	5.35	5.75
Ф	Industrials	14.91	15.79	16.36
	Technology	10.56	11.79	11.11
	Defensive	27.29	21.91	23.80
F	Consumer Defensive	7.68	5.67	6.56
٠	Healthcare	7.58	9.27	10.21
<b>9</b>	Utilities	12.03	6.97	7.03



# Vanguard Real Estate Index Admiral VGSLX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 28.4 years.

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

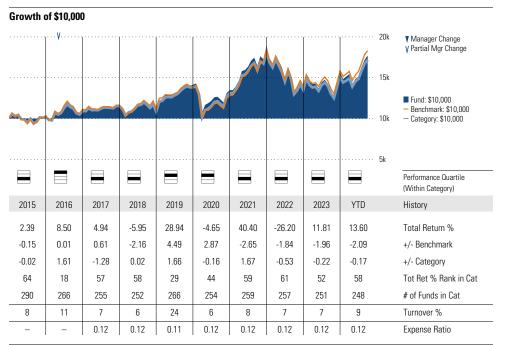
Net Expense: The fund's expense ratio of 0.13 is 88.29% lower than the Real Estate category average.

#### **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	2	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



**Morningstar Category** 

Real Estate

#### Trailing Performance





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

156	-	# of	Funds in Cat	egory
3-Year Risk M	etrics			
		Fund	Bmark	Cat
Alpha		-2.48	-	-2.12
Beta		1.03	-	0.97
R-Squared		98.51	-	94.85
Standard Deviation	I	22.22	21.44	21.37
Sharpe Ratio		0.05	0.16	0.05
Tracking Error		2.78	-	4.07
Information Ratio		-0.91	-	-0.70
Up Capture Ratio		98.87	-	93.85
Down Capture Rati	0	106.62	-	100.60

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	36.43	38.46	36.76
Price/Book Ratio	2.59	2.42	2.68
Geom Avg Mkt Cap \$B	27.25	9.35	38.20
ROE	15.00	9.56	16.26

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Morningstar Index

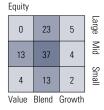
S&P United States REIT TR USD

# Vanguard Real Estate Index Admiral VGSLX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	13.47	13.47	_	_
⊖ Prologis Inc	6.37	19.84	-3.11	Real Estate
⊖ American Tower Corp	5.92	25.76	9.23	Real Estate
⊖ Equinix Inc	4.47	30.23	11.80	Real Estate
Welltower Inc	4.08	34.31	44.08	Real Estate
⊖ Public Storage	3.14	37.45	22.25	Real Estate
igodot Realty Income Corp	3.01	40.46	14.07	Real Estate
⊖ Simon Property Group Inc	3.00	43.46	22.70	Real Estate
⊖ Digital Realty Trust Inc	2.86	46.32	22.97	Real Estate
⊖ Crown Castle Inc	2.81	49.13	7.06	Real Estate
⊖ CBRE Group Inc Class A	2.08	51.21	33.72	Real Estate
⊖ Extra Space Storage Inc	2.08	53.29	15.42	Real Estate
$\ominus$ Iron Mountain Inc	1.90	55.19	72.69	Real Estate
igodot AvalonBay Communities Inc	1.75	56.94	23.04	Real Estate
igodot VICI Properties Inc Ordinary Shares	1.74	58.67	8.45	Real Estate

#### Total Holdings 158

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Asset Allocation as of 09-30-2024		
	Asset Class	Net %
	US Stocks	98.30
	Non-US Stocks	0.01
	Bonds	0.00
	Cash	1.69
	Other	0.00

Total

#### Sector Weighting as of 09-30-2024

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		Fund	Bmark	Cat	Fund	۲	Be	encl	nma	ark		Са	ateg	ory	Ave	era	ge						
	Cyclical	99.13	99.13	99.07	_																		
	Basic Materials	0.00	0.00	0.11	0																		
	Consumer Cyclical	0.00	0.13	1.78	0																		
)	Financial Services	0.00	0.00	0.35																			
ł	Real Estate	99.13	99.00	96.83	_															:			
1	Sensitive	0.87	0.87	0.75	0																		
	Communication Services	0.85	0.00	0.16	<u>l</u>																		
	Energy	0.00	0.00	0.02																			
	Industrials	0.02	0.87	0.27	[																		
	Technology	0.00	0.00	0.30																			
•	Defensive	0.00	0.00	0.19	İ.																		
	Consumer Defensive	0.00	0.00	0.00																			
	Healthcare	0.00	0.00	0.16	İ																		
	Utilities	0.00	0.00	0.03																			
					0% 5 10 1	5	20	25	30	1 36	5 /1	n /	5 5	15	56	a 0	57	07	5 9	່ດຂ	5 0	in c	

100

S&P United States REIT TR USD

Cat% 88.74

1.06

1.02

1.55

7.63

100.00

100.00

<sup>0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 9500</sup> 

Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 11.61 years.

**ESG Metrics** 

Sustainability Rating

ESG Commitment

Metric

Walter Nejman since 02-2013

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

# Vanguard Target Retirement 2020 Fund VTWNX



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Cat

1.08

0.89

-0.05

1.91

0.52

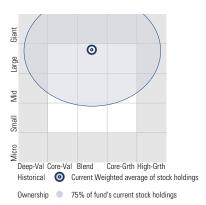
Cat

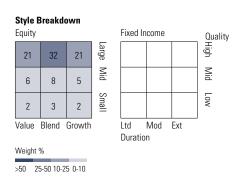
2.92

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# Vanguard Target Retirement 2020 Fund VTWNX

Style Analysis as of 09-30-2024 Morningstar Style Box™





Top 7 Holdings as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Bond Market II Idx Inv	_	33.62	33.62	_	_
$\ominus$ Vanguard Total Stock Mkt Idx InstI PIs	-	22.72	56.35	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	15.39	71.74	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	14.71	86.45	_	_
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	12.93	99.38	-	-
⊖ Mktliq 12/31/2049	-	0.66	100.04	-	-
$\oplus$ Us Dollar	-	0.04	100.08	_	_

#### Total Holdings 7

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



Sector Weighting as of 09-30-2024

**Basic Materials** 

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

**Consumer Defensive** 

Defensive

Healthcare

Դ Cyclical

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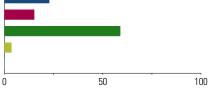
~

đ

Energy

¢

Utilities



Fund

33.57

4.23

10.23

16.13

2.98

46.35

7.02

4.28

11.32

23.73

20.09

6.06

11.32

2.71

Bmark

36.89

3.90

10.12

14.68

8.19

44.14

6.49

3.86

10.87

22.92

18.97

5.67

10.51

2.79

Cat

34.82

3.96

9.96

15.47

5.43

45.83

7.04

4.26

10.57

23.96

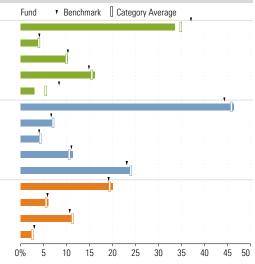
19.35

5.54

11.27

2.54

#### Asset Class Net % Cat% US Stocks 22.67 24.84 Non-US Stocks 15.03 12.88 Bonds 58.80 50.77 Cash 3.46 2.21 0.05 Other 9.30 Total 100.00 100.00



**Morningstar Category** Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

# Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category Target-Date 2025

# Portfolio Manager(s) G Walter Nejman since 02-2013 ... Aurélie Denis since 02-2023 ... Michael Roach since 02-2023 ... Roger Aliaga-Diaz since 02-2023 ... Quantitative Screens ... Q Performance: The fund has finished in the Target-Date ... 2025 category's top three quartiles in 10 of the 10 years it's ...

been in existence.

Management: The fund's management has been in place for 11.61 years.

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

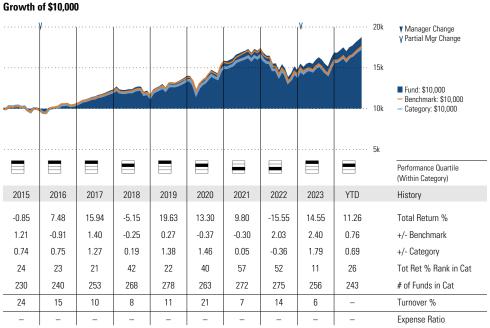
Net Expense: The fund's expense ratio of 0.08 is 85.71% lower than the Target-Date 2025 category average.

#### Morningstar Investment Management LLC Analysis

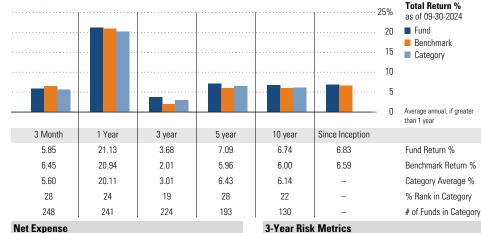
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

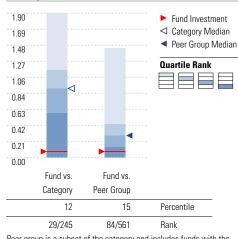
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low 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.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.73	-	1.17
Beta	0.92	-	0.87
R-Squared	98.98	-	98.25
Standard Deviation	11.76	12.73	11.18
Sharpe Ratio	0.04	-0.08	-0.02
Tracking Error	1.57	-	2.23
Information Ratio	1.06	-	0.51
Up Capture Ratio	97.68	-	90.79
Down Capture Ratio	88.22	-	84.34

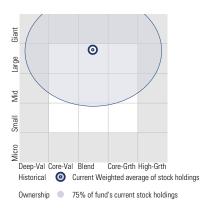
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	21.43	21.88
Price/Book Ratio	2.68	2.81	2.95
Avg Eff Duration	5.84	-	5.46

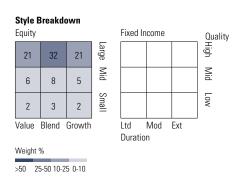
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# Vanguard Target Retirement 2025 Fund VTTVX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 

Other	0.00	
Other	0.06	12.83
Cash	3.01	2.61
Bonds	45.69	43.82
Non-US Stocks	20.33	12.99
US Stocks	30.92	27.74
Asset Class	Net %	Cat%

Morningstar Category

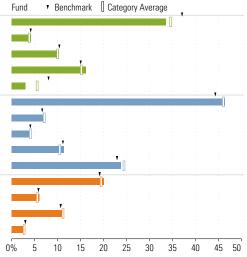
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fu
Դ	Cyclical	33.51	36.90	34.52	
æ.	Basic Materials	4.20	3.98	3.83	
	Consumer Cyclical	10.23	10.20	9.99	
	Financial Services	16.11	14.86	15.16	
ŵ	Real Estate	2.97	7.86	5.54	
v.	Sensitive	46.38	44.13	46.03	
	Communication Services	7.02	6.48	7.08	
$\mathbf{\diamond}$	Energy	4.28	3.90	4.07	
¢	Industrials	11.32	10.99	10.46	
	Technology	23.76	22.76	24.42	
-	Defensive	20.10	18.98	19.46	
F	Consumer Defensive	6.06	5.67	5.59	
٠	Healthcare	11.32	10.50	11.16	
9	Utilities	2.72	2.81	2.71	



#### Top 7 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	30.99	30.99	_	_
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	28.71	59.70	-	-
igodot Vanguard Total Intl Stock Index Inv	-	20.82	80.52	-	-
🕀 Vanguard Total Intl Bd II Idx Insl	-	12.35	92.88	-	-
Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	6.53	99.40	-	-
	-	0.62	100.02	-	-
🕀 Us Dollar	-	0.02	100.05	_	-

#### Total Holdings 7

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



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 11.61 years.

**ESG Metrics** 

Sustainability Rating

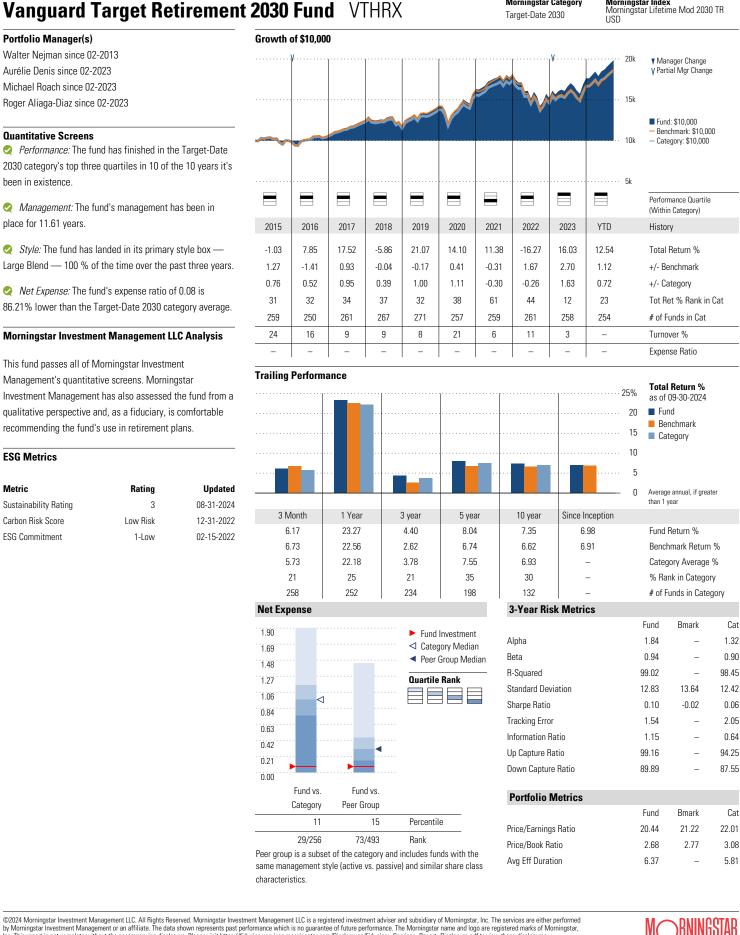
Carbon Risk Score

ESG Commitment

Metric

# Vanguard Target Retirement 2030 Fund VTHRX

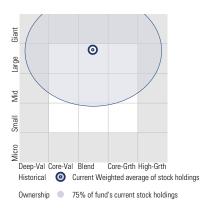
**Morningstar Category** 

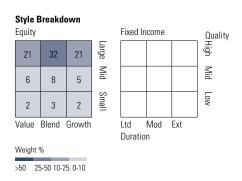


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# Vanguard Target Retirement 2030 Fund VTHRX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 

Other		
Other	0.06	15.95
Cash	2.71	1.84
Bonds	36.46	31.97
Non-US Stocks	24.15	15.60
US Stocks	36.62	34.63
Asset Class	Net %	Cat%

Morningstar Category

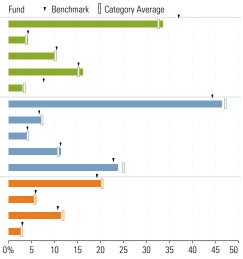
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund	۲
Դ	Cyclical	33.53	36.82	32.58		
æ.	Basic Materials	4.21	4.07	3.81		
A	Consumer Cyclical	10.22	10.26	10.16		
ц <u>е</u>	Financial Services	16.13	15.03	15.18		,
ŵ	Real Estate	2.97	7.46	3.43		
w,	Sensitive	46.38	44.14	47.10		
	Communication Services	7.03	6.48	7.24		
•	Energy	4.29	3.92	4.11		
¢	Industrials	11.31	11.12	10.78		
	Technology	23.75	22.62	24.97		
<b>→</b>	Defensive	20.10	19.04	20.31		_
F	Consumer Defensive	6.05	5.70	5.70		]
٠	Healthcare	11.33	10.52	11.83	_	
9	Utilities	2.72	2.82	2.78		



#### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodot Vanguard Total Stock Mkt Idx Instl PIs	_	36.71	36.71	-	_
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	26.63	63.34	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	24.74	88.08	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	11.32	99.40	-	-
⊖ Mktliq 12/31/2049	-	0.60	100.00	-	-
$\Theta$ Us Dollar	-	0.00	100.00	-	_

#### 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 11.61 years.

Style: The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.08 is 86.21% 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**

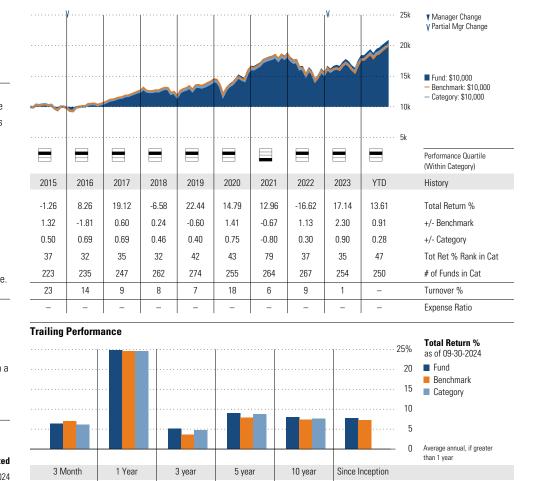
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD





6.30

6.99

6 05

27

24.76

24.54

24 54

58

5.07

3.66

4 70

29

226

8.95

7.83

8 75

46

192

7.93

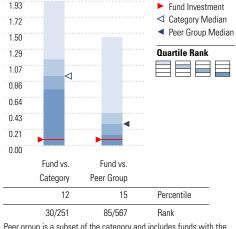
7.33

7 66

за

7.70

7.26



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

39	_	% na	nk in calego	ry
132	-	# of F	unds in Cate	gory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		1.54	_	1.24
Beta		0.93	-	0.94
R-Squared		99.02	-	98.44
Standard Devia	tion	13.64	14.56	13.75
Sharpe Ratio		0.15	0.06	0.13
Tracking Error		1.67	-	1.96
Information Rat	io	0.84	-	0.59
Up Capture Rat	io	97.40	-	97.03
Down Capture	Ratio	90.17	-	91.26

Fund Return %

Benchmark Return %

Category Average %

% Bank in Category

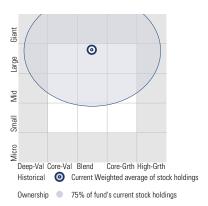
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.47	21.00	21.82
Price/Book Ratio	2.69	2.74	3.01
Avg Eff Duration	6.38	-	6.45

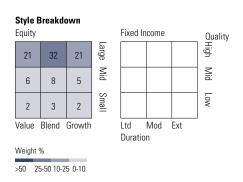
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# Vanguard Target Retirement 2035 Fund VTTHX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 

Other	0.00	
	0.05	15.37
Cash	2.50	2.21
Bonds	29.25	23.01
Non-US Stocks	26.94	18.56
US Stocks	41.27	40.86
Asset Class	Net %	Cat%

Morningstar Category

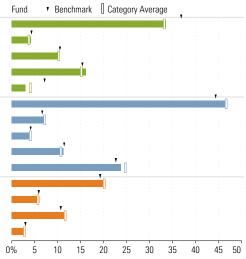
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.51	36.71	33.22	
æ.	Basic Materials	4.20	4.15	3.75	)
A	Consumer Cyclical	10.23	10.34	10.24	
ц <u>ф</u>	Financial Services	16.10	15.22	15.16	
ŵ	Real Estate	2.98	7.00	4.07	
w	Sensitive	46.39	44.21	46.65	
đ	Communication Services	7.02	6.48	7.19	
٥	Energy	4.28	3.97	4.07	
¢	Industrials	11.30	11.26	10.70	
	Technology	23.79	22.50	24.69	
<b>→</b>	Defensive	20.10	19.08	20.13	
F	Consumer Defensive	6.05	5.73	5.71	
٠	Healthcare	11.33	10.52	11.64	_
9	Utilities	2.72	2.83	2.78	



#### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	41.37	41.37	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	27.60	68.96	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	21.35	90.32	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	9.09	99.41	-	-
⊖ Mktliq 12/31/2049	-	0.59	100.00	-	-
🕀 Us Dollar	_	0.00	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



# Vanguard Target Retirement 2040 Fund VFORX

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 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 11.61 years.

Style: The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.

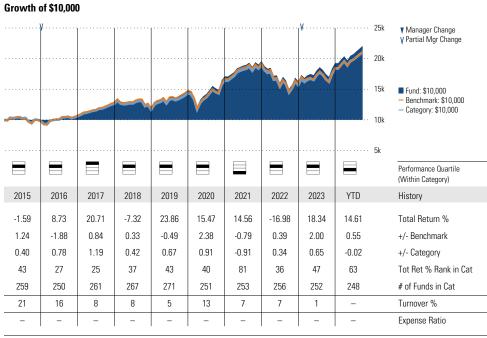
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2040 category average.

#### 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	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2040

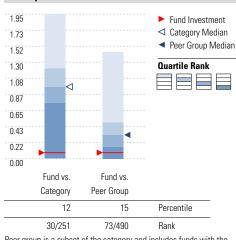
Morningstar Index Morningstar Lifetime Mod 2040 TR

USD

#### Trailing Performance



Net Expense



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.15	-	0.93
Beta	0.93	-	0.96
R-Squared	98.94	-	98.37
Standard Deviation	14.44	15.37	14.81
Sharpe Ratio	0.20	0.13	0.19
Tracking Error	1.80	-	2.07
Information Ratio	0.53	-	0.40
Up Capture Ratio	96.31	-	97.87
Down Capture Ratio	91.24	-	93.81

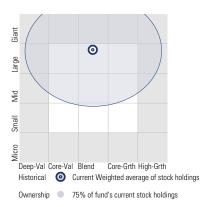
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.53	20.79	21.69
Price/Book Ratio	2.70	2.70	3.00
Avg Eff Duration	6.37	-	7.09

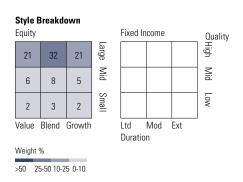
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# Vanguard Target Retirement 2040 Fund VFORX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 

Total	100.00	100.00
Other	0.06	14.21
Cash	2.31	1.65
Bonds	22.02	13.36
Non-US Stocks	29.44	22.60
US Stocks	46.18	48.18
Asset Class	Net %	Cat%

Morningstar Category

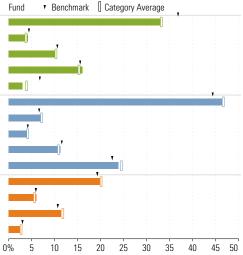
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	F
Դ	Cyclical	33.41	36.68	33.22	
æ.	Basic Materials	4.16	4.25	3.76	
A	Consumer Cyclical	10.22	10.42	10.28	
цů,	Financial Services	16.06	15.39	15.31	
ŵ	Real Estate	2.97	6.62	3.87	
w	Sensitive	46.48	44.22	46.67	
	Communication Services	7.04	6.47	7.16	
0	Energy	4.27	4.00	4.15	
Ø	Industrials	11.27	11.39	10.85	
	Technology	23.90	22.36	24.51	
-	Defensive	20.13	19.12	20.10	
F	Consumer Defensive	6.06	5.76	5.62	
٠	Healthcare	11.35	10.52	11.78	
9	Utilities	2.72	2.84	2.70	



#### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	46.30	46.30	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	30.14	76.44	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	16.00	92.44	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	6.92	99.36	_	-
⊕ Mktliq 12/31/2049	-	0.63	99.99	-	-
⊖ Us Dollar	_	0.01	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



# Vanguard Target Retirement 2045 Fund VTIVX

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 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 11.61 years.

Style: The fund has landed in its primary style box — Large Blend — 96.97 % of the time over the past three years.

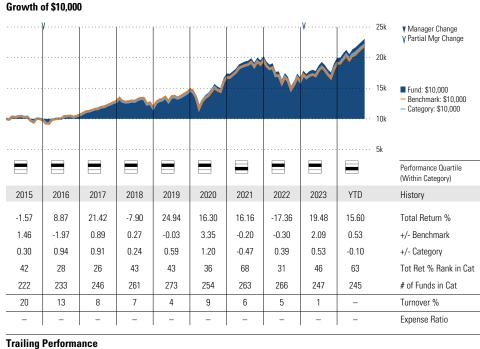
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2045 category average.

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

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

#### **ESG Metrics**

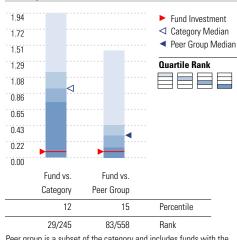
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2045





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 0.96 0.68 0.95 0.97 Beta \_ 98.85 **R-Squared** 98.31 Standard Deviation 15 27 15.95 15.58 Sharpe Ratio 0.23 0.18 0.22 Tracking Error 1.81 2.11 Information Ratio 0.43 0.26 Up Capture Ratio 97.56 98.55 Down Capture Ratio 93.56 95.74

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.50	20.61	21.42
Price/Book Ratio	2.69	2.67	2.90
Avg Eff Duration	6.39	_	7.94

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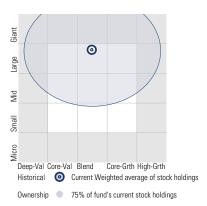


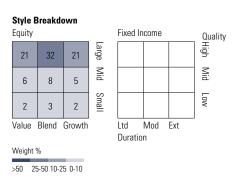
Morningstar Index Morningstar Lifetime Mod 2045 TR

USD

# Vanguard Target Retirement 2045 Fund VTIVX

Style Analysis as of 09-30-2024 Morningstar Style Box™





#### Top 6 Holdings as of 09-30-2024

·	50	

#### US Stocks Non-US Stocks Bonds Cash Other 100 **Total**

**Morningstar Category** 

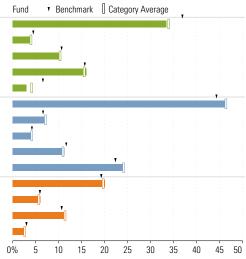
Target-Date 2045

Asset Class

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fu
Դ	Cyclical	33.45	36.75	33.94	
æ.	Basic Materials	4.18	4.32	3.97	
	Consumer Cyclical	10.22	10.48	10.30	
ц.	Financial Services	16.08	15.53	15.56	
ŵ	Real Estate	2.97	6.42	4.11	
w	Sensitive	46.43	44.16	46.37	
	Communication Services	7.03	6.45	7.14	
0	Energy	4.27	4.03	4.16	
Ф	Industrials	11.29	11.49	10.94	
	Technology	23.84	22.19	24.13	
-	Defensive	20.11	19.11	19.69	
F	Consumer Defensive	6.05	5.77	5.68	
٠	Healthcare	11.34	10.50	11.38	-
<b>9</b>	Utilities	2.72	2.84	2.63	



Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Net %

50.21

32.43

15.09

2.22

0.05

100.00

Cat%

51.65

27.17

8.96

0.78

11.44

100.00

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	50.34	50.34	_	_
-	33.21	83.55	_	-
-	10.91	94.46	-	_
-	4.80	99.25	-	_
-	0.76	100.01	-	-
-	0.01	100.02	-	-
	- - - - -	- 50.34 - 33.21 - 10.91 - 4.80 - 0.76	- 50.34 50.34 - 33.21 83.55 - 10.91 94.46 - 4.80 99.25 - 0.76 100.01	- 50.34 50.34 - - 33.21 83.55 - - 10.91 94.46 - - 4.80 99.25 - - 0.76 100.01 -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



# Vanguard Target Retirement 2050 Fund VFIFX

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 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 11.61 years.

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

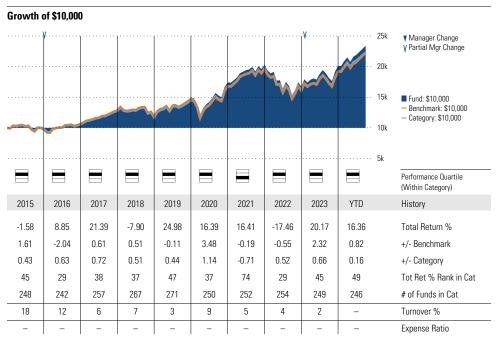
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2050 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

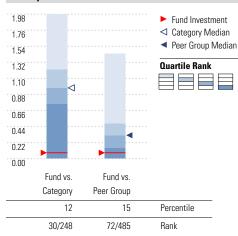


Morningstar Category

Target-Date 2050







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 1.00 0.58 0.96 0.98 Beta 98.78 **R-Squared** 98.21 Standard Deviation 15.68 16 21 15.99 Sharpe Ratio 0.26 0 20 0.23 Tracking Error 1.84 2.18 Information Ratio 0.47 0.21 Up Capture Ratio 98.65 99.18 Down Capture Ratio 94.57 96.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.43	20.44	21.41
Price/Book Ratio	2.68	2.63	2.91
Avg Eff Duration	6.38	-	7.99

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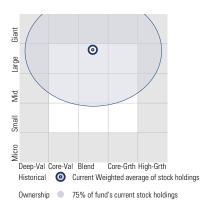


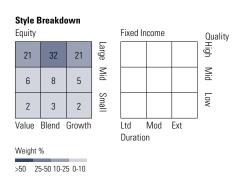
Morningstar Index Morningstar Lifetime Mod 2050 TR

USD

# Vanguard Target Retirement 2050 Fund VFIFX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™



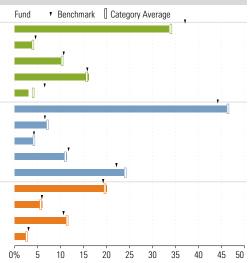


#### Top 6 Holdings as of 09-30-2024

					E (
0	50			100	T
Sector Weig	<b>hting</b> as of 09-30-2	024			
		Fund	Bmark	Cat	F

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	33.55	36.90	33.97
æ.	Basic Materials	4.22	4.38	3.96
<b>A</b>	Consumer Cyclical	10.23	10.51	10.32
цф	Financial Services	16.13	15.64	15.67
ŵ	Real Estate	2.97	6.37	4.02
₩.	Sensitive	46.35	44.01	46.38
d	Communication Services	7.02	6.42	7.13
0	Energy	4.28	4.04	4.18
Ф	Industrials	11.32	11.57	11.02
	Technology	23.73	21.98	24.05
-	Defensive	20.10	19.09	19.64
F	Consumer Defensive	6.06	5.77	5.64
٠	Healthcare	11.32	10.47	11.41
9	Utilities	2.72	2.85	2.59



Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Total Stock Mkt Idx InstI PIs	_	53.50	53.50	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	_	36.17	89.67	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.61	96.28	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.98	99.26	-	-
⊖ Mktliq 12/31/2049	-	0.74	100.00	-	-
$\odot$ Us Dollar	_	0.00	100.00	-	-

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Target-Date 2050 Morningstar Lifetin

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

Asset Class         Net %         Cat%           US Stocks         53.37         54.68           Non-US Stocks         35.31         28.46           Bonds         9.21         5.97           Cash         2.05         0.64           Other         0.06         10.24	Total	100.00	100.00
US Stocks         53.37         54.68           Non-US Stocks         35.31         28.46           Bonds         9.21         5.97	Other	0.06	10.24
US Stocks 53.37 54.68 Non-US Stocks 35.31 28.46	Cash	2.05	0.64
US Stocks 53.37 54.68	Bonds	9.21	5.97
	Non-US Stocks	35.31	28.46
Asset Class Net % Cat%	US Stocks	53.37	54.68
	Asset Class	Net %	Cat%

# 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 11.61 years.

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

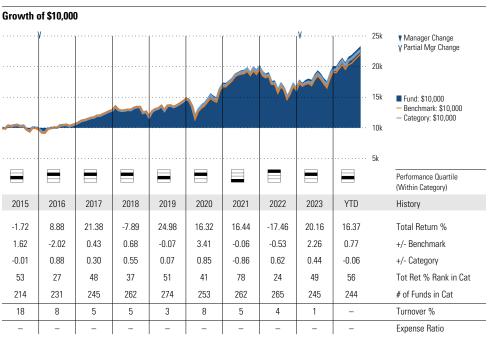
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2055 category average.

#### **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	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

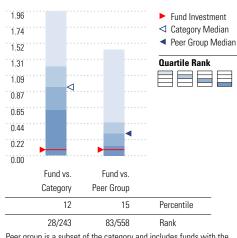


Morningstar Category

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-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.02	-	0.69
Beta	0.96	-	0.98
R-Squared	98.74	-	98.17
Standard Deviation	15.69	16.29	16.14
Sharpe Ratio	0.26	0.20	0.24
Tracking Error	1.89	-	2.21
Information Ratio	0.45	-	0.25
Up Capture Ratio	98.29	-	99.89
Down Capture Ratio	94.15	-	97.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.43	20.29	21.35
Price/Book Ratio	2.68	2.60	2.88
Avg Eff Duration	6.38	-	9.27

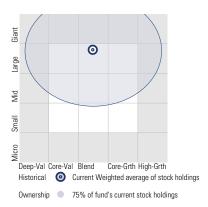
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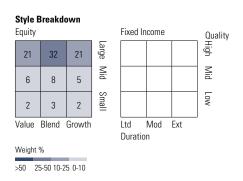


Morningstar Index Morningstar Lifetime Mod 2055 TR USD

# Vanguard Target Retirement 2055 Fund VFFVX

Style Analysis as of 09-30-2024 Morningstar Style Box™





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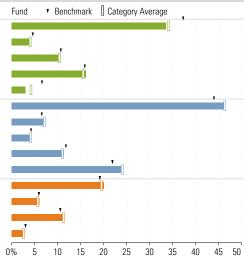
35.26 9.30 1.97 0.06	27.77 5.49 0.68 11.80
9.30	5.49
35.26	27.77
53.41	54.28
Net %	Cat%

Morningstar Category Target-Date 2055 Morningstar Index Morningstar Lifetime Mod 2055 TR USD

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.53	37.14	34.12	
æ.	Basic Materials	4.21	4.44	4.02	
	Consumer Cyclical	10.23	10.53	10.36	
ц.	Financial Services	16.12	15.74	15.55	
ŵ	Real Estate	2.97	6.43	4.19	
Vvr	Sensitive	46.36	43.84	46.34	
	Communication Services	7.02	6.39	7.12	
0	Energy	4.28	4.06	4.11	
¢	Industrials	11.32	11.64	11.05	
	Technology	23.74	21.75	24.06	
-	Defensive	20.10	19.02	19.54	
	Consumer Defensive	6.06	5.76	5.67	
•	Healthcare	11.32	10.41	11.27	_
9	Utilities	2.72	2.85	2.60	



#### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	-	53.53	53.53	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.12	89.66	-	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	6.68	96.34	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	3.00	99.34	-	-
① Mktliq 12/31/2049	-	0.67	100.00	-	-
🕀 Us Dollar	-	0.00	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



# Vanguard Target Retirement 2060 Fund VTTSX

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 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 11.61 years.

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

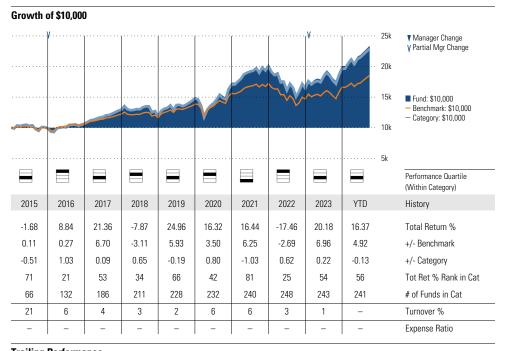
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2060 category average.

#### 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	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

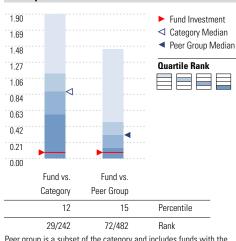


**Morningstar Category** 

Target-Date 2060



Net Expense



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

**3-Year Risk Metrics** Fund Bmark Cat Alpha 2.51 2.25 1 23 1 27 Beta \_ 97.46 **R-Squared** 96.22 Standard Deviation 15 67 12 57 16 23 Sharpe Ratio 0.26 0 04 0.24 Tracking Error 3.83 4.60 Information Ratio 0.84 0.65 Up Capture Ratio 133.43 136.46 Down Capture Ratio 120.80 125.44

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	19.85	21.33
Price/Book Ratio	2.68	2.47	2.88
Avg Eff Duration	6.38	_	8.54

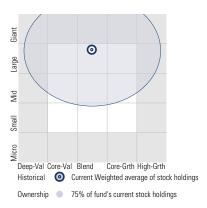
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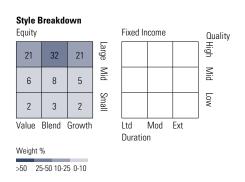


Morningstar Index

# Vanguard Target Retirement 2060 Fund VTTSX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™





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Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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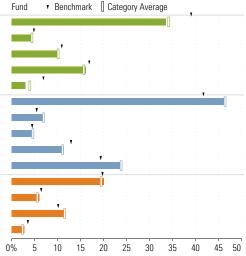
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Asset Class	Net %	Cat%
US Stocks	53.30	54.01
Non-US Stocks	35.30	29.75
Bonds	9.27	5.27
Cash	2.10	0.29
Other	0.06	10.67
Total	100.00	100.00

#### Fund Bmark Cat Cyclical 33.54 38.88 34.14 Basic Materials 4.22 4.68 4.40 Consumer Cyclical 10.22 10.74 10.10 Financial Services 16.13 1671 15.69 Real Estate 2.97 6.75 3.95 Sensitive 46.35 41.54 46.41 **Communication Services** 7.01 5.28 6.93 Energy 4.61 4.29 4.30 Industrials 11.32 12.75 11.07 Technology 23.73 19.21 23.80 20.11 19.59 Defensive 19.46 **Consumer Defensive** 6.06 6.26 5.58 Healthcare 11.32 9.96 11.51 Utilities 2.73 3.37 2.37



#### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl Pls	_	53.42	53.42	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	_	36.16	89.58	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	_	6.64	96.22	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	_	2.99	99.22	-	-
⊖ Mktliq 12/31/2049	-	0.77	99.98	-	-
⊖ Us Dollar	-	0.02	100.00	_	-

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Target-Date 2060

Morningstar Index

# Vanguard Target Retirement 2065 Fund VLXVX

#### 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 5 of the 7 years it's been in existence.

*Management:* The fund's management has been in place for 7.22 years.

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

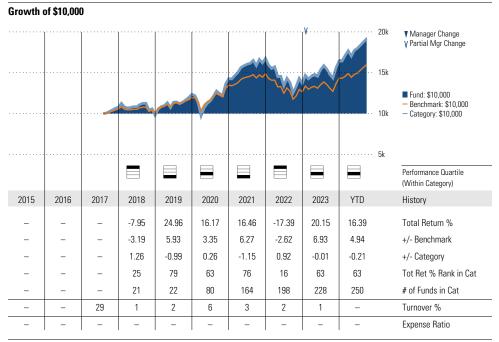
Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2065+ category average.

#### 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	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



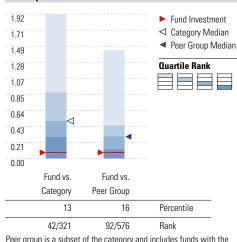
**Morningstar Category** 

Target-Date 2065+

#### **Trailing Performance**



Net Expense



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.54	-	2.62
Beta	1.23	-	1.27
R-Squared	97.46	-	95.61
Standard Deviation	15.66	12.57	16.71
Sharpe Ratio	0.26	0.04	0.25
Tracking Error	3.82	-	5.15
Information Ratio	0.85	-	0.65
Up Capture Ratio	133.41	-	137.26
Down Capture Ratio	120.63	-	124.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.41	19.85	20.90
Price/Book Ratio	2.67	2.47	2.76
Avg Eff Duration	6.38	-	8.96

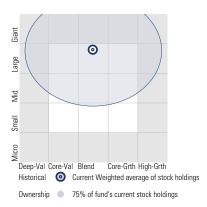
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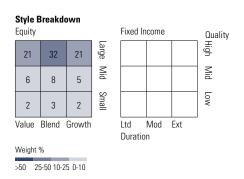


Morningstar Index

# Vanguard Target Retirement 2065 Fund VLXVX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™





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Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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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	53.10	47.56
Non-US Stocks	35.38	30.61
Bonds	9.24	5.75
Cash	2.22	0.98
Other	0.06	15.09
Total	100.00	100.00

#### Benchmark [] Category Average Bmark Cat Fund Fund 33.57 38.88 34.36 4.22 4.68 4.44 10.23 10.74 10.16 16 14 1671 15.60 2.98 6.75 4.16 46.34 41.54 46.06 7.01 5.28 6.97 4.28 4.30 4.36 11.34 12.75 11.50 23.71 19.21 23.23 20.09 19.59 19.57 6.06 6.26 5.73 11.31 9.96 11.41 2.72 3.37 2.43 0% 10 15 20 25 30 35 40 5

#### Top 6 Holdings as of 09-30-2024

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
-	53.23	53.23	_	_
-	36.25	89.47	_	-
-	6.63	96.10	_	-
-	2.99	99.09	_	-
-	0.86	99.95	-	-
-	0.05	100.00	-	-
	- - -	- 36.25 - 6.63 - 2.99 - 0.86	-     36.25     89.47       -     6.63     96.10       -     2.99     99.09       -     0.86     99.95	-       36.25       89.47       -         -       6.63       96.10       -         -       2.99       99.09       -         -       0.86       99.95       -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



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Morningstar Category Morn

Target-Date 2065+

Morningstar Index

### Vangu

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Vanager Change

V Partial Mgr Change

Fund: \$10,000 - Benchmark: \$10,000

- Category: \$10,000

Performance Quartile

(Within Category)

Total Return %

+/- Benchmark

Tot Ret % Rank in Cat

# of Funds in Cat

**Total Return %** 

as of 09-30-2024

Average annual, if greater than 1 year

Benchmark Return % Category Average % % Rank in Category # of Funds in Category

Bmark

\_

12.57

0.04

\_

Bmark

19.85

2.47

Cat

2.62 1.27

95.61

16.71

0.25 5.15 0.65 137.26 124.86

Cat

20.90

2.76

8.96

Fund Return %

Fund

\_

Fund

20.48

2.69

6.39

Fund Benchmark

Category

Turnover % Expense Ratio

+/- Category

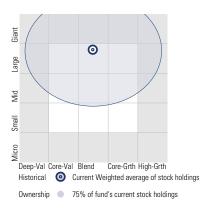
History

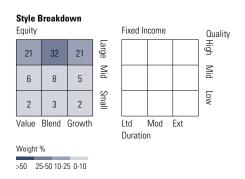
Vanguard T	aryet ne	uremen	[ <b>2</b> 0/0	гипс	V C		<b>۱</b>			Target-Date	2065+	Morningst
Portfolio Manager(s)			Growth	of \$10,000								
Walter Nejman since 06-2				rı				l · · · · · · · · ·	ſ			15k
Aurélie Denis since 02-20												
Michael Roach since 02-2												
Roger Aliaga-Diaz since 0	2-2023										$\sim$	10k
Quantitative Screens		6 I 11								V V		
The Performance screen i less than three years of d		tunds with										
		om haa haan in										5k
<ul> <li>Management: The fun place for less than three y</li> </ul>												
Style: The fund has la	inded in its primary	style hox —	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD
Large Blend — 100 % of		•	_	_	_	_	_	_	_	_	20.24	16.37
Not European The fun	d'a avranaa ratia a	£ 0, 00 in	_	-	-	-	-	_	-	-	7.02	4.92
Net Expense: The fun 86.44% lower than the Ta			-	-	-	-	-	-	-	-	0.08	065+       Morningsi         15k       15k         10k       10k         2023       YTD         2024       16.37         7.02       4.92         0.08       -0.23         58       67         228       250         2       -         2       -         20       -         20       -         20       -         10       5         0       5         0       -         16.56       6.47         -       -         -       -         -       -         -       -         -       -
average.		logory	_	-	-	-	-	-	-	-	15k         15k         10k         2023       YTD         2023       YTD         2023       YTD         2023       YTD         2024       16.37         7.02       4.92         0.08       -0.23         58       67         228       250         2       -         2       -         2       -         30%       25         20       30%         25       20         2       -         30%       25         20       -         15       10         5       0         16.56       6.47         -       -         16.56       6.47         -       -         0       5         0       0         16.56       6.47         -       -         -       -         16.56       6.47         -       -         -       -         -       -         16.56       6.47         7	
			_	-	-	-	-	-	-	-	228	250
Morningstar Investmer	it Management Ll	LC Analysis		-	-	-	-	-	-	44		
This fund fails the manag	er tenure screen du	e to a limited	_	-	-	-	-	-	-	-	-	-
history for this target-date	e vintage.		Trailing	Performa	nce							20%
ESG Metrics								]				
Metric	Rating	Updated										
Sustainability Rating Carbon Risk Score	3 Low Risk	08-31-2024 12-31-2022										
Calbon hisk Scole	LUW HISK	12-31-2022					•••••					
				1onth	1 Year		3 year	5 ye	ar	10 year		•
				.73 .97	28.98 22.04		- 3.61	7.0	7	- 6.49		
				.36	29.46		6.70	11.1		-		-
			2	29	63		-	-		-		-
				10	248		-	-		-		-
			Net Exp	ense						3-Year R	isk Metri	ICS
			1.92					Investmen		Alpha		
			1.71 1.49					gory Media Group Mec		Beta		
			1.45				Quartile	Rank		R-Squared		
			1.07						_	Standard De		
			0.85	•••						Sharpe Rati Tracking Err		
			0.64	⊲						Information		
			0.43							Up Capture	Ratio	
			0.21 0.00	<b>•</b>	• • •	_				Down Captu	ire Ratio	
			0.00	Fund vs.	Fund	l vs.				Portfolio	Motrice	
				Category	Peer Gr	roup				Portiolio	wietrics	
				13		16	Percenti	e		Price/Earnin	gs Ratio	2
			Peer arour	42/321 o is a subset		'576 egory and i	Rank includes fu	nds with th	e	Price/Book I	Ratio	
			• •	agement sty		• /				Avg Eff Dura	ation	
			characteri	stics.								

M RNINGSTAR

# Vanguard Target Retirement 2070 Fund VSVNX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™





### Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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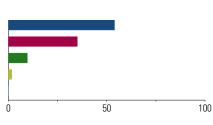
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Energy

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Utilities



Bmark

38.88

4.68

10.74

1671

6.75

41.54

5.28

4.30

12.75

19.21

19.59

6.26

9.96

3.37

Fund

33.48

4.19

10.22

16.09

2.98

46.42

7.03

4.28

11.29

23.82

20.11

6.06

11.33

2.72

#### Asset Class Net % Cat% US Stocks 53.89 47.56 Non-US Stocks 34.95 30.61 Bonds 9.54 5.75 Cash 1.57 0.98 0.05 Other 15.09 Total 100.00 100.00

Morningstar Index

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2065+

#### Benchmark [] Category Average Cat Fund 34.36 4.44 10.16 15.60 4.16 46.06 6.97 4.36 11.50 23.23 19.57 5.73 11.41 2.43 0% 10 15 20 25 30 35 40 45 50 5

#### Top 6 Holdings as of 09-30-2024

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
-	54.02	54.02	-	_
-	35.79	89.81	_	-
-	6.96	96.77	_	-
-	2.98	99.75	_	-
-	0.16	99.91	-	-
-	0.09	100.00	-	-
	- - -	- 35.79 - 6.96 - 2.98 - 0.16	-     35.79     89.81       -     6.96     96.77       -     2.98     99.75       -     0.16     99.91	-       35.79       89.81       -         -       6.96       96.77       -         -       2.98       99.75       -         -       0.16       99.91       -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



average.

Metric

# Vanguard Target Retirement Income Fund VTINX

Morningstar Index Morningstar Lifetime Mod Incm TR

201

15k

10k

5k

20%

15

10

5

Λ

Vanager Change V Partial Mgr Change

Fund: \$10.000 - Benchmark: \$10,000

- Category: \$10,000

Performance Quartile

(Within Category)

Total Return %

+/- Benchmark

Tot Ret % Rank in Cat

# of Funds in Cat

+/- Category

Turnover %

Expense Ratio

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

Fund

-0.34

0.94

97.99

872

-0 15

1.37

-0.37

93.37

96.13

Fund

20.37

2.67

5 42

# of Funds in Category

Bmark

\_

9 22

-0.08

Bmark

22.08

2.94

Cat

-0.49

0.98

97.01

9 18

-0.15

1.77

-0.36

97.18

101.07

Cat

21.46

2.78

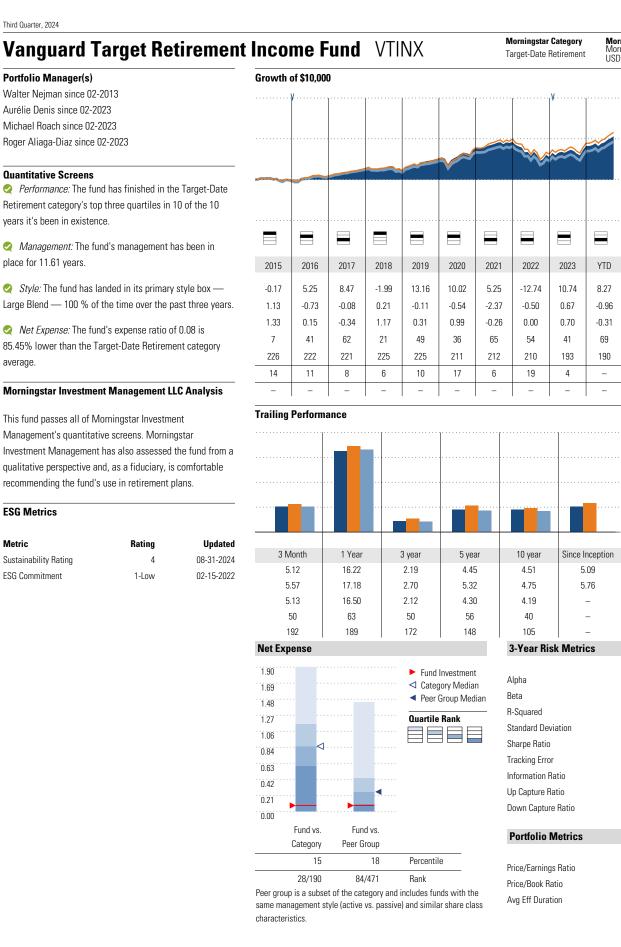
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Fund Return %

Category

Fund

History



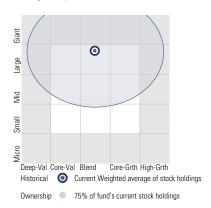
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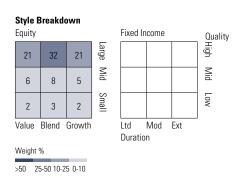
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M RNINGSTAR

# Vanguard Target Retirement Income Fund VTINX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# \_

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

**b** Cyclical

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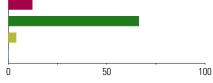
3

đ

Energy

¢

Utilities



Fund

33.59

4.23

10.23

16.14

2.99

46.31

7.01

4.30

11.34

23.66

20.10

6.07

11.31

2.72

Bmark

36.71

3.75

10.01

14.39

8.56

44.33

6.56

3.80

10.61

23.36

18.95

5.63

10.53

2.79

#### Asset Class Net % Cat% US Stocks 17.83 20.61 Non-US Stocks 12.03 9.30 Bonds 66.28 53.39 Cash 3.82 3.87 0.06 12.84 Other Total 100.00 100.00

**Morningstar Category** 

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Benchmark Category Average Fund Cat 36.64 3.73 9.75 14.80 8.36 44.13 6.81 3.96 10.13 23.23 19.23 5.59 10.63 3.01 5 10 15 20 25 30 35 40 45 50 0%

#### Top 7 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	36.46	36.46	_	_
$igodoldsymbol{ imes}$ Vanguard Total Stock Mkt Idx Instl PIs	-	17.87	54.33	-	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.75	71.08	-	-
$\ominus$ Vanguard Total Intl Bd II Idx Insl	-	15.86	86.94	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	12.32	99.26	-	_
⊖ Mktliq 12/31/2049	-	0.72	99.98	-	-
$\oplus$ Us Dollar	-	0.02	100.00	_	-

#### Total Holdings 7

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

