# American Century Mid Cap Value I AVUAX

#### Portfolio Manager(s)

Michael Liss since 03-2004 Kevin Toney since 08-2008 Brian Woglom since 02-2012 Nathan Rawlins since 03-2022

#### Quantitative Screens

*Performance:* The fund has finished in the Mid-Cap 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 20.52 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 0.78 is 18.75% lower than the Mid-Cap Value category average.

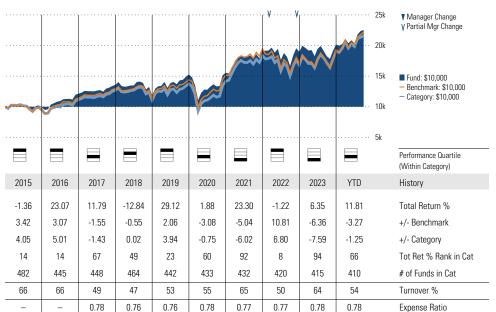
#### **Morningstar Investment Management LLC Analysis**

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

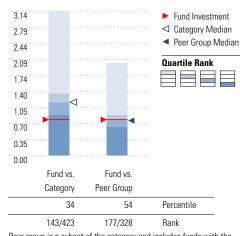
#### **ESG Metrics**

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









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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.75	-	1.40
Beta	0.81	-	0.94
R-Squared	92.82	-	94.42
Standard Deviation	16.47	19.66	19.11
Sharpe Ratio	0.32	0.27	0.32
Tracking Error	5.82	-	4.72
Information Ratio	0.11	-	0.24
Up Capture Ratio	83.40	-	95.29
Down Capture Ratio	77.50	-	90.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.51	19.44	17.35
Price/Book Ratio	2.16	2.43	2.09
Geom Avg Mkt Cap \$B	22.40	20.46	16.28
ROE	12.67	15.17	14.21

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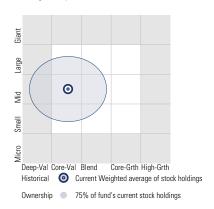
Morningstar Index

Morningstar Category Mid-Cap Value

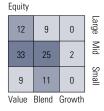
Russell Mid Cap Value TR USD

# American Century Mid Cap Value I AVUAX

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
➔ Zimmer Biomet Holdings Inc	2.97	2.97	-10.71	Healthcare
ightarrow Conagra Brands Inc	2.13	5.09	17.13	Consumer Defensive
$oldsymbol{eta}$ Henry Schein Inc	2.06	7.15	-3.71	Healthcare
➔ Northern Trust Corp	2.05	9.20	9.36	Financial Services
$\oplus$ Enterprise Products Partners LP	1.94	11.14	16.38	Energy
$\ominus$ Bank of New York Mellon Corp	1.81	12.95	40.58	Financial Services
€ Emerson Electric Co	1.81	14.76	13.99	Industrials
$\ni$ Allstate Corp	1.80	16.57	37.46	Financial Services
$\ni$ NorthWestern Energy Group Inc	1.78	18.34	16.27	Utilities
ightarrow Edison International	1.70	20.04	24.00	Utilities
$\ominus$ Koninklijke Ahold Delhaize NV	1.64	21.69	23.54	Consumer Defensive
ightarrow Realty Income Corp	1.64	23.33	14.07	Real Estate
$\ni$ Quest Diagnostics Inc	1.61	24.94	14.20	Healthcare
igodolog Willis Towers Watson PLC	1.60	26.54	23.20	Financial Services
€ Xcel Energy Inc	1.47	28.00	8.13	Utilities

#### Total Holdings 106

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

Bmark

41.94

5.50

10.83

15 13

10.48

36.15

3.22

5.35

15.79

11.79

21.91

5.67

9.27

6.97

Fund

30.55

0.96

4.28

16.19

9.12

28.52

2.58

5.68

14.37

5 89

40.94

12.23

16.36

12.35

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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Energy

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Utilities

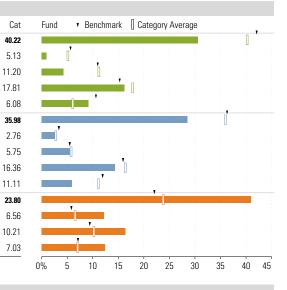
#### Asset Class Net % Cat% US Stocks 87.37 90.84 Non-US Stocks 10.98 6.72 Bonds 0.00 0.02 Cash 1.65 2.29 0.00 Other 0.13 Total 100.00 100.00

Morningstar Index

Russell Mid Cap Value TR USD

**Morningstar Category** 

Mid-Cap Value



# American Funds New Perspective R6 RNPGX

#### Portfolio Manager(s)

Robert Lovelace since 12-2000 Joanna Jonsson since 12-2005 Steven Watson since 12-2005 Brady Enright since 12-2005 Noriko Chen since 04-2012 Andraz Razen since 07-2015 Barbara Burtin since 12-2018 Patrice Collette since 12-2018 Kohei Higashi since 12-2020 Anne-Marie Peterson since 12-2020

#### Quantitative Screens

Performance: The fund has finished in the Global Large-Stock 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 23.85 years.

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

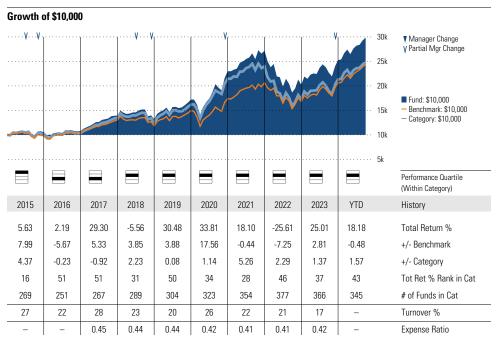
Net Expense: The fund's expense ratio of 0.42 is 60.38% lower than the Global Large-Stock Growth category average.

#### **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	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022







Reta

#### 2.52 Fund Investment Category Median 2.24 Peer Group Median 1.96 1.68 Quartile Rank 1.40 1.12 0.84 0.56 0.28 Fund vs Fund vs Peer Group Category 2 6 Percentile 6/346 14/242 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.

than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Alpha -3.04 -4.77 1 10 1 13 R-Squared 96.39 89.30 Standard Deviation 16.57 18 55 20.01 Sharpe Ratio 0 17 0.32 0 1 1 Tracking Error 3.89 6.92 Information Ratio -0.68 -0.63 Up Capture Ratio 102.82 100.61 Down Capture Ratio 115.22 120.34 **Portfolio Metrics** 

	Fund	Bmark	Cat
		Billant	
Price/Earnings Ratio	25.71	21.79	29.45
Price/Book Ratio	4.00	3.04	5.18
Geom Avg Mkt Cap \$B	179.18	159.41	242.90
ROE	26.07	27.22	31.22

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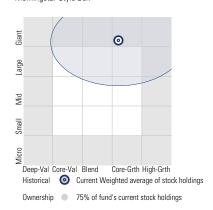


Morningstar Index Morningstar Category

Global Large-Stock Growth MSCI ACWI NR USD

# American Funds New Perspective R6 RNPGX

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



50

Fund

27.28

3.96

11.98

10.89

0.45

50.66

10.99

2.62

14.95

22.10

22.05

5.17

16.18

0.70

Bmark

32.41

3.91

10.46

15 78

2.26

47.62

7.94

4.03

10.00

25.65

19.97

6.26

10.95

2.76

100

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

0

€ Cyclical

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Energy

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Bonds	0.00	0.01
Cash	4.03	1.66
Other	0.10	0.58

#### Benchmark [] Category Average Cat Fund 26.47 2.42 11.53 11.63 0.89 1 54.15 9.30 2.26 11.08 31.51 19.37 4.26 14.19 0.92 0% 5 10 15 20 25 30 35 40 45 50 55

	Greater Asia	Fund % 11.96	Cat % 12.28	Americas	Fund % 58.63	Cat % 65.02	Greater Europe	Fund % 29.38	Cat % 22.73	Market Maturity	Fund %
	Japan	3.66	4.18	North America	57.32	63.40	United Kingdom	5.62	4.04	Developed Markets	95.42
	Australasia	0.29	0.24	Central/Latin	1.31	1.62	W euro-ex UK	23.40	18.36	Emerging Markets	4.58
	Asia-4 Tigers	5.08	3.80				Emrgng Europe	0.00	0.01	Not Available	0.00
	Asia-ex 4 Tigers	2.93	4.06				Africa	0.36	0.32		
	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
e Meta Platforms Inc Class A	3.69	3.69	62.15	Communication Svc
∋ Microsoft Corp	3.34	7.03	15.03	Technology
$oldsymbol{\oplus}$ Taiwan Semiconductor Manufacturing Co Ltd	3.04	10.07	-	Technology
$\ni$ Broadcom Inc	2.73	12.80	55.95	Technology
$\ominus$ Novo Nordisk AS Class B	2.56	15.36	-	Healthcare
$\oplus$ Tesla Inc	2.04	17.40	5.29	Consumer Cyclical
➔ NVIDIA Corp	1.96	19.35	145.27	Technology
AstraZeneca PLC	1.63	20.99	11.52	Healthcare
$\ni$ Eli Lilly and Co	1.51	22.50	52.65	Healthcare
Netflix Inc	1.25	23.75	45.68	Communication Svc

#### Total Holdings 296

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

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Morningstar Category Morningstar Index

Global Large-Stock Growth MSCI ACWI NR USD

# → Defensive ☐ Consumer Defensive ☑ Healthcare ☑ Utilities

# 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.

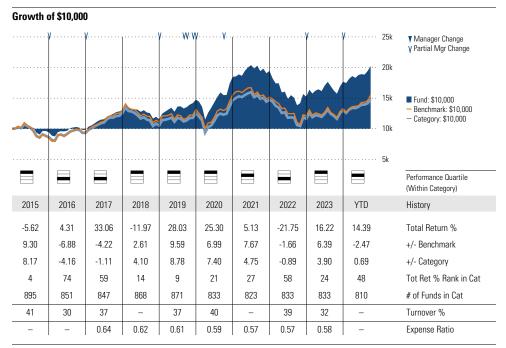
Net Expense: The fund's expense ratio of 0.57 is 49.11% lower than the Diversified Emerging Mkts category average.

#### **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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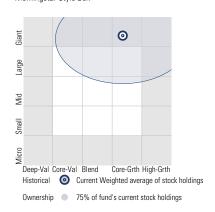


Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

# American Funds New World R6 RNWGX

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





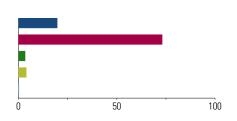


Weight %

<25

>50 25-50 10-25 0-10

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



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

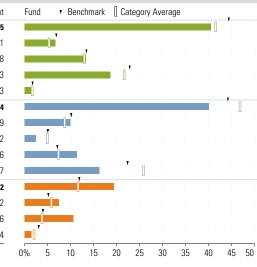
Asset Allocation as of 09-30-2024

		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.

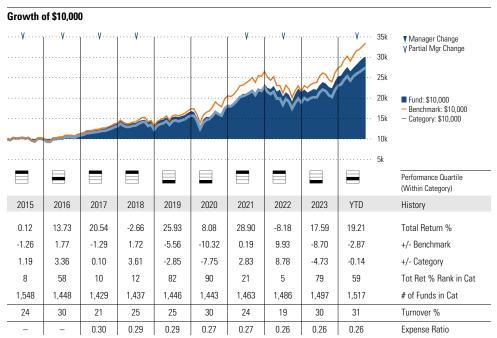
Net Expense: The fund's expense ratio of 0.26 is 64.38% lower than the Large Blend category average.

#### **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.

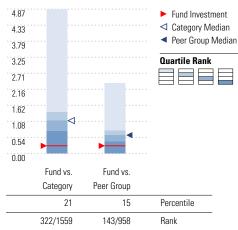
#### ESG Metrics

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	-	Cate	gory Average	e %
52	-	% R	ank in Catego	ory
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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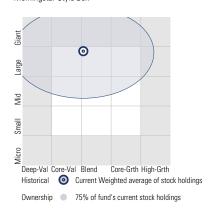


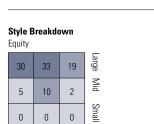
Morningstar Category Morningstar Index Large Blend

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

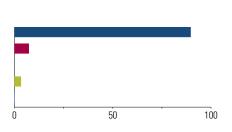
#### Top 15 Holdings as of 09-30-2024

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

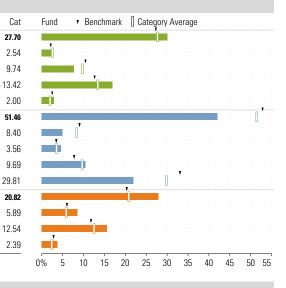
27.95

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

Formonio metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	5.88
Avg Eff Maturity	8.23	-	8.21

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Ltd

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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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# BlackRock Global Allocation Instl MALOX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 7.75 years.

× Style: The fund has landed in its primary style box — Large Growth — 52.94 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.85 is 24.78% lower than the Global Allocation category average.

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

This allocation fund fails the style consistency screen because the equity portion of the fund can move within the Stylebox at times. This is not surprising, given that part of the equity bucket is dedicated to a thematic sleeve, that can lead to different parts of the stock market depending on which themes are in play. But, as a broad, global allocation fund, we are not concerned with this screen failure.

#### **ESG Metrics**

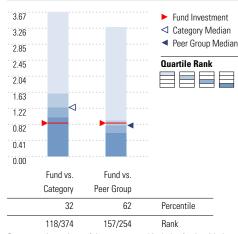
Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Low Risk	09-30-2022

Growth of \$10,000 20k Vanager Change V Partial Mgr Change 15 Fund: \$10.000 Benchmark: \$10,000 104 Category: \$10,000 5k \_\_\_\_ Performance Quartile (Within Category) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History -0.83 4.09 13.60 -7.37 17.54 21.12 6.73 -15.83 12.62 11.52 Total Return % 1.15 -2.91 -3.52 -1.81 -0.99 7.57 -2.58 1.27 -2.84 -1.32 +/- Benchmark -1.95 1.90 +/- Category 3.32 -1.19 0.89 1.44 14.94 -4.58 -3.49 0.46 19 70 65 44 40 3 81 63 36 45 Tot Ret % Rank in Cat 505 467 456 446 431 437 416 # of Funds in Cat 469 467 366 84 131 110 154 156 193 58 124 174 173 Turnover % 0.83 \_ 0.80 0.80 0.80 0.81 0.80 0.83 0.84 Expense Ratio

**Morningstar Category** 

Global Allocation





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

Fund Bmark Cat Alpha -0.79 0.64 0.92 0.91 Beta 97.74 R-Squared 87.06 13.03 Standard Deviation 12 17 12 65 Sharpe Ratio -0.04 0.06 0.07 Tracking Error 2.09 4.44 Information Ratio -0.51 -0.04 Up Capture Ratio 92.41 95.21 Down Capture Ratio 96.97 92.84

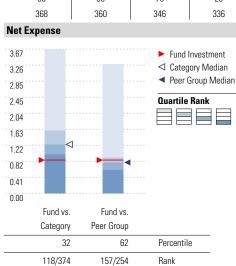
#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 21 51 20 71 19.57 Price/Book Ratio 3.14 2.77 2.49 Avg Eff Duration 7 32 4 4 4

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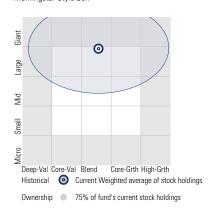
Morningstar Index

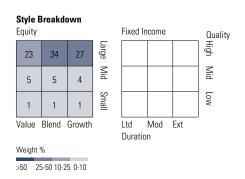
Morningstar Gbl Allocation TR USD



# BlackRock Global Allocation Instl MALOX

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





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

0		EO

Fund

31.87

4.02

10.04

16.04

1.77

47.78

5.82

6.25

10.02

25.69

20.35

3.89

13.42

3.04

Bmark

33.94

4.38

10.81

15.88

2.87

46.45

7.24

4.02

11.36

23.83

19.60

6.13

10.63

2.84

Cat

36.86

5.23

9.26

13.25

9.12

41.89

5.58

7.20

10.98

18.13

21.27

5.72

10.58

4.97

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** 

Total	100.00	100.00
Other	3.77	6.85
Cash	0.49	10.58
Bonds	30.05	25.40
Non-US Stocks	21.03	23.52
US Stocks	44.66	33.65
Asset Class	Net %	Cat%

**Morningstar Index** 

Morningstar Gbl Allocation TR USD

**Morningstar Category** 

**Global Allocation** 

# Fund • Benchmark [] Category Average

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Microsoft Corp	-	2.67	2.67	15.03	Technology
⊖ NVIDIA Corp	_	2.27	4.94	145.27	Technology
$\oplus$ Apple Inc	_	1.97	6.91	21.40	Technology
⊖ Amazon.com Inc	_	1.59	8.50	22.63	Consumer Cyclical
$\ominus$ Alphabet Inc Class C	-	1.49	9.99	18.92	Communication Svc
€ SPDR® S&P 500® ETF Trust	-	1.19	11.18	-	-
$\oplus$ UnitedHealth Group Inc	_	0.97	12.15	12.21	Healthcare
→ Mastercard Inc Class A	_	0.86	13.01	16.24	Financial Services
⊖ Adobe Inc	_	0.85	13.87	-13.21	Technology
$\oplus$ Progressive Corp	_	0.85	14.72	59.98	Financial Services

#### Total Holdings 2443

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



# BlackRock Inflation Protected Bond Instl BPRIX

Portfolio Manager(s)

David Rogal since 03-2018 Harrison Segall since 02-2024 Johan Sjogren since 02-2024

#### Quantitative Screens

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

Management: The fund's management has been in place for 6.55 years.

Style Consistency is not calculated for Fixed Income funds.

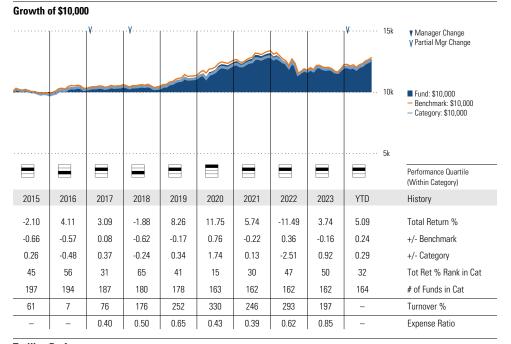
× Net Expense: The fund's expense ratio of 0.84 is 25.37% higher than the Inflation-Protected Bond category average.

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

This fund fails our expense screen with fees that are higher than the broad category average. Plan costs are sometimes wrapped into fund fees, but because costs are predictive of a fund's future relative performance, we would still like to see lower overall expenses here.

ESG	Metrics	

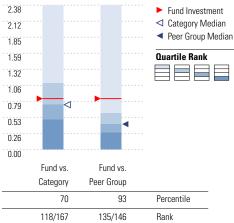
Metric	Rating	Updated
Sustainability Rating	3	05-31-2024



Morningstar Category

Inflation-Protected Bond





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

Cat Alpha 0.05 -0.25 1 00 Beta 1 02 \_ 99.23 **R-Squared** 96.43 Standard Deviation 7 33 7 18 7.78 Sharpe Ratio -0.56 -0.58 -0.60 Tracking Error 0.65 1.66 Information Ratio 0.05 -0.49 Up Capture Ratio 100.74 98.55 100.35 101.62 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.59	4.52	5.50
Avg Eff Maturity	-	-	6.78

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Morningstar Index Bloomberg US Treasury US TIPS TR

USD

# BlackRock Inflation Protected Bond Instl BPRIX

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



Duration

Ō	50	100

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

#### Asset Class Net % Cat% US Stocks 0.20 0.28 Non-US Stocks 0.00 -0.08 Bonds 68.28 96.14 Cash 29.64 2.24 Other 1.88 1.43 Total 100.00 100.00

#### **Credit Rating Breakdown** Fund Bmark Cat AAA 2.53 0.00 33.63 AA 92.28 99.60 62.08 0.57 0.00 А 0.83 BBB 0.72 0.00 0.96 BB 0.90 0.00 0.10 В 0.07 0.00 0.02 Below B 0.00 0.00 0.08 Not Rated 2.93 0.40 2.30

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average	
Government	65.05	-	85.91				
Treasury	3.61	-	0.38				
Inflation – Protected	59.36	-	80.08				
Agency/Quasi Agency	0.00	-	0.10	0			
Other Government Related	2.08	-	5.35				
Corporate	0.07	-	1.05	1			
Corporate Bond	0.07	-	1.02	10			
Bank Loan	0.00	-	0.00	0			
Convertible	0.00	-	0.00	0			
Preferred	0.00	-	0.03	0			
Securitized	5.23	-	4.67				
Agency MBS Pass-Through	1.37	-	2.24	•[]			
Agency MBS ARM	0.00	-	0.00	0			
Agency MBS CMO	0.51	-	0.38				
Non-Agency Residential MBS	0.25	-	0.05	0			
Commercial MBS	0.71	-	0.23	0			
Asset-Backed	2.39	-	1.74	0			
Covered Bond	0.00	-	0.03				
Municipal	0.00	_	0.01	]			
Cash & Equivalents	27.12	-	8.21				
Other	2.53	-	0.14				

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

#### Top 10 Holdings as of 09-30-2024 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector 巻 Cash Offset 44 17 44 17 \_ ○ Nov24 Sfrz4 C @ 95.5 23.83 68.00 \_ ⊖ Three-Month Sofr Future Dec 25 86.93 18.93 \_ ① Oct24 Sfrz5 P @ 96.9375 16.50 103.43 Nov24 Sfrz4 C @ 95.25 12.31 115.75 \_ \_ Nov24 Sfrz4 C @ 95.75 10.01 125.75 \_ \_ ⊖ Us 2Yr Note Dec 24 6.26 132.01 \_ ⊕ United States Treasury Notes 01-2034 3.89 135.90 \_ ⊖ RRP TREASURY (CPI) NOTE 1.75 15-JA BARC 10-2024 3.88 139.78 \_ ⊕ United States Treasury Notes 3.68 07-2033 143.46 \_

#### Total Holdings 299

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

# Eaton Vance Income Fund of Boston I EIBIX

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.

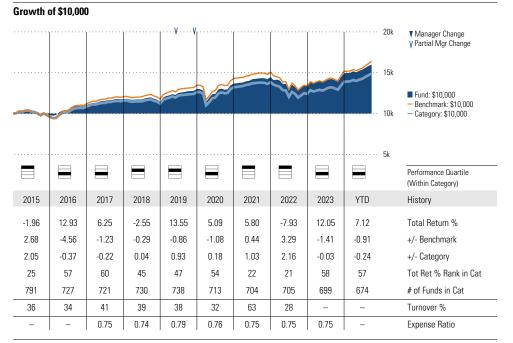
Management: The fund's management has been in place for 9.92 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.75 is 15.73% 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.

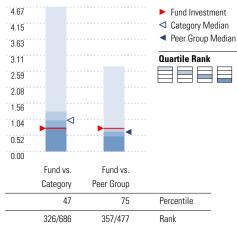


Morningstar Category

High Yield Bond







7.17		Outegoly Avelage 70				
18	-	% Rank in Category				
435	-	# of F	unds in Cate	gory		
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		0.85	-	0.02		
Beta		0.91	-	0.89		
R-Squared		98.05	-	94.57		
Standard Deviation		7.95	8.62	7.84		
Sharpe Ratio		0.02	-0.05	-0.09		
Tracking Error		1.34	-	1.90		
Information Ra	tio	0.47	-	-0.35		
Up Capture Rat	io	94.60	-	88.54		
Down Capture	Ratio	86.91	-	88.27		
Portfolio M	etrics					
		Fund	Bmark	Cat		

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

 Fund
 Bmark
 Cat

 Avg Eff Duration
 3.16
 3.05

 Avg Eff Maturity
 4.31
 4.96

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Morningstar Index

ICE BofA US High Yield TR USD

# Eaton Vance Income Fund of Boston I EIBIX

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





0 50 100

# High Yield Bond ICE BofA US High Yield TR USD

Morningstar Category

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%

Morningstar Index

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

Asset Allocation as of 09-30-2024

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

Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
0.00	-	2.47			
0.00	-	1.12	0		
0.00	-	0.00	0		
0.00	-	0.00	0		
0.00	_	1.35	10		
95.83	-	89.19			
86.30	-	86.65			
8.14	-	1.71			
0.32	-	0.46			
1.07	-	0.37	0		
0.00	-	1.55	10		
0.00	-	0.12	0		
0.00	-	0.00	0		
0.00	-	0.06	[		
0.00	-	0.05			
0.00	-	0.22	0		
0.00	-	1.10	0		
0.00	_	0.00	0		
0.00	-	0.04	0		
4.17	-	6.18			
0.00	-	0.57	0		
	0.00 0.00 0.00 95.83 86.30 8.14 0.32 1.07 0.00	0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         0.00       -         86.30       -         81.4       -         0.32       -         1.07       -         0.00       -	0.00         -         2.47           0.00         -         1.12           0.00         -         0.00           0.00         -         0.00           0.00         -         0.00           0.00         -         1.35           95.83         -         89.19           86.30         -         86.65           8.14         -         1.71           0.32         -         0.46           1.07         -         0.37           0.00         -         0.12           0.00         -         0.01           0.00         -         0.02           0.00         -         0.02           0.00         -         0.05           0.00         -         0.02           0.00         -         0.02           0.00         -         0.02           0.00         -         0.00           0.00         -         0.00           0.00         -         0.00           0.00         -         0.00           0.00         -         0.00	0.00       -       2.47                 0.00       -       1.12                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       1.35                 95.83       -       89.19       -         86.30       -       86.65       -         8.14       -       1.71               -         0.32       -       0.46               -         1.07       -       0.37               -         0.00       -       0.12               -         0.00       -       0.00               -         0.00       -       0.00               -         0.00       -       0.05               -         0.00       -       0.00               -         0.00       -       0.00               -         0.00       -       0.00               -         0.00       -       0.00               -         0.000       -       0.00 <td< td=""><td>0.00       -       2.47                 0.00       -       1.12                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       1.35                 95.83       -       89.19       -         86.30       -       86.65       -         8.14       -       1.71                 0.32       -       0.46                 1.07       -       0.37                 0.00       -       0.12                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.05                 0.00       -       0.22                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00        </td></td<>	0.00       -       2.47                 0.00       -       1.12                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       1.35                 95.83       -       89.19       -         86.30       -       86.65       -         8.14       -       1.71                 0.32       -       0.46                 1.07       -       0.37                 0.00       -       0.12                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.05                 0.00       -       0.22                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00                 0.00       -       0.00

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9\mathbf{\overline{3}00}$ 

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
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	_
⊕ 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	-
⊕ 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	-

#### Total Holdings 424

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# Federated Hermes Govt Ultrashort IS FGUSX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

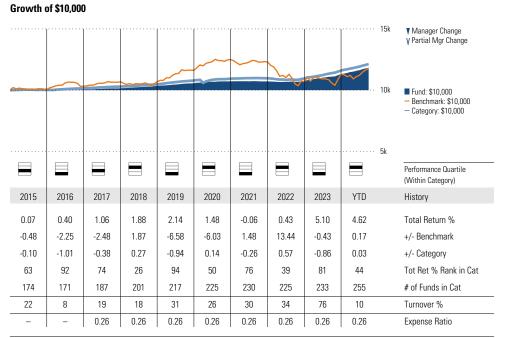
Management: The fund's management has been in place for 27.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is 35% lower than the Ultrashort Bond category average.

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

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

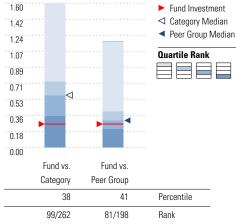


**Morningstar Category** 

Ultrashort Bond

#### **Trailing Performance**





1.95	-	Category Average %			
73	-	% Rank in Category			
114	-	# of F	unds in Cate	gory	
3-Year Risk	Metrics				
		Fund	Bmark	Cat	
Alpha		3.39	-	3.45	
Beta		0.09	-	0.10	
R-Squared		49.74	-	34.61	
Standard Devia	ition	0.97	7.63	1.27	
Sharpe Ratio		-0.83	-0.66	-0.69	
Tracking Error		6.98	-	6.98	
Information Rat	tio	0.68	-	0.68	
Up Capture Rat	io	23.22	-	23.03	
Down Capture	Ratio	-8.43	-	-9.00	
Portfolio M	etrics				

Portfolio Wetrics			
	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 IS FGUSX

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





Duration

1		
	•	
0	50	100
U	50	100

	100.00	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%

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

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
Government	7.66	-	20.94	
Treasury	5.79	-	17.04	
Inflation - Protected	0.00	-	0.18	
Agency/Quasi Agency	1.87	-	0.88	0
Other Government Related	0.00	-	2.84	10
Corporate	0.00	-	36.21	
Corporate Bond	0.00	-	36.05	
Bank Loan	0.00	-	0.14	Ū
Convertible	0.00	-	0.00	Ū į
Preferred	0.00	-	0.02	Ú .
Securitized	69.83	-	20.68	
Agency MBS Pass-Through	14.62	-	0.95	
Agency MBS ARM	0.06	-	0.17	Ū į
Agency MBS CMO	55.15	-	1.70	
Non-Agency Residential MBS	0.00	-	0.15	
Commercial MBS	0.00	-	2.09	10
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

#### 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	-
🕀 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	-
$\oplus$ 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	-
$\odot$ 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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Morningstar Category Ultrashort Bond Morningstar Index

Bloomberg US Agg Bond TR USD

# JPMorgan Large Cap Growth R6 JLGMX

Portfolio Manager(s)

Giri Devulapally since 08-2004 Holly Morris since 11-2020 Joseph Wilson since 11-2020 Larry Lee since 11-2020 Robert Maloney since 11-2022

#### **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 20.18 years.

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

Net Expense: The fund's expense ratio of 0.44 is 52.17% lower than the Large Growth category average.

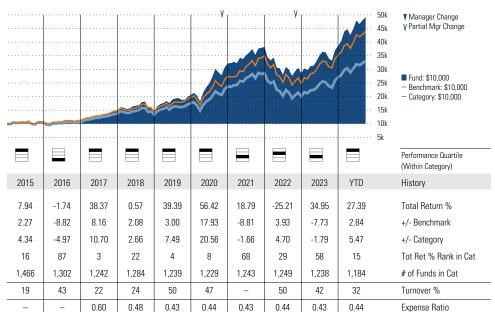
#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	04-07-2022



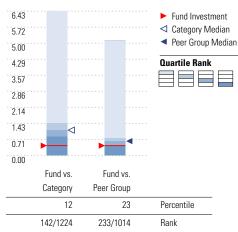


**Morningstar Category** 

Large Growth







Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics. **3-Year Risk Metrics** Fund Bmark Cat Alpha 0.31 -4.22 0.94 0.99 Beta **R-Squared** 96.48 92.51 Standard Deviation 19.90 20.85 21 45 Sharpe Ratio 0 47 0 47 0.27 Tracking Error 3 95 5.84 Information Ratio -0.10 -0.84 Up Capture Ratio 96.21 91.00 Down Capture Ratio 96.07 105.24

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 36 64 36 55 35.39 Price/Book Ratio 9.68 12.14 9.26 Geom Avg Mkt Cap \$B 574 04 675.16 541 50 ROE 39.32 44.40 41.06

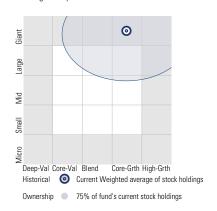
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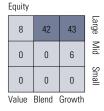
Russell 1000 Growth TR USD

# JPMorgan Large Cap Growth R6 JLGMX

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







#### Weight %

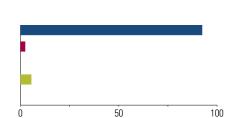
>50 25-50 10-25 0-10

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

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	9.75	9.75	15.03	Technology
NVIDIA Corp	9.18	18.93	145.27	Technology
∋ Amazon.com Inc	6.22	25.15	22.63	Consumer Cyclical
Meta Platforms Inc Class A	5.95	31.11	62.15	Communication Svc
onumber  onumber JPMorgan Prime Money Market Inst	5.36	36.46	-	_
Apple Inc	5.18	41.64	21.40	Technology
Eli Lilly and Co	5.13	46.77	52.65	Healthcare
Alphabet Inc Class C	4.33	51.10	18.92	Communication Svc
Netflix Inc	3.00	54.10	45.68	Communication Svc
	2.82	56.93	16.24	Financial Services
∋ Broadcom Inc	2.34	59.27	55.95	Technology
Oracle Corp	2.12	61.39	62.76	Technology
Intuitive Surgical Inc	1.95	63.34	45.62	Healthcare
Regeneron Pharmaceuticals Inc	1.76	65.10	19.69	Healthcare
D.R. Horton Inc	1.72	66.82	26.12	Consumer Cyclical

#### Total Holdings 68

 $\oplus$  Increase  $\oplus$  Decrease  $\stackrel{}{\approx}$  New to Portfolio



Fund

21.78

0.22

14.23

7 33

0.00

65.34

16.04

0.56

6.82

41.92

12.88

1.79

11.09

0.00

Bmark

21.25

0.63

14.03

6 00

0.59

67.12

12.80

0.40

3.49

50.43

11.63

3.63

7.78

0.22

Cat

23.66

1.15

13.31

8.36

0.84

61.28

12.34

0.83

6.11

42.00

15.05

2.72

11.85

0.48

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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Energy

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Utilities

Asset Class	Net %	Cat%
US Stocks	92.34	93.54
Non-US Stocks	2.28	4.54
Bonds	0.00	0.00
Cash	5.38	1.11
Other	0.00	0.81
Total	100.00	100.00

**Morningstar Index** 

Russell 1000 Growth TR USD

**Morningstar Category** 

Large Growth

# Fund Benchmark Category Average

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# JPMorgan US Equity R6 JUEMX

#### Portfolio Manager(s)

Scott Davis since 08-2014 Shilpee Raina since 11-2021

#### 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 10.13 years.

× *Style:* The fund has landed in its primary style box — Large Blend — 41.94 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.44 is 39.73% lower than the Large Blend category average.

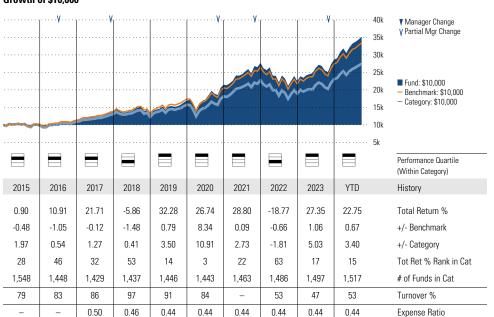
#### Morningstar Investment Management LLC Analysis

The fund fails our style consistency screen as, similar to the broad market and peers, it plots on the border with growth. We are not concerned with this screen failure.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	03-11-2022





#### Trailing Performance



0.54 Fund vs. Category Peer Group 29 28 Percentile 450/1559 268/958 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.

Up Capture Ratio 99.39 92.03 Down Capture Ratio 96.56 96.37 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 28.47 27.50 26.80 Price/Book Ratio 5.31 4.80 5.15 Geom Avg Mkt Cap \$B 362 67 328 12 362.94 ROE 35.23 33.77 33.76

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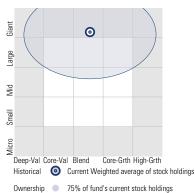
Morningstar Index

S&P 500 TR USD

Morningstar Category

# JPMorgan US Equity R6 JUEMX

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
∋ Microsoft Corp	8.86	8.86	15.03	Technology
$\ni$ Apple Inc	7.71	16.57	21.40	Technology
➔ NVIDIA Corp	7.15	23.73	145.27	Technology
∋ Amazon.com Inc	4.22	27.94	22.63	Consumer Cyclical
e Meta Platforms Inc Class A	3.40	31.34	62.15	Communication Svc
€ Alphabet Inc Class A	2.76	34.10	19.01	Communication Svc
ightarrow UnitedHealth Group Inc	2.67	36.77	12.21	Healthcare
ightarrow Lowe's Companies Inc	2.64	39.41	23.21	Consumer Cyclical
€ Wells Fargo & Co	2.60	42.01	17.01	Financial Services
∋ Exxon Mobil Corp	2.51	44.52	20.09	Energy
⊖ Mastercard Inc Class A	2.47	47.00	16.24	Financial Services
• NXP Semiconductors NV	2.27	49.26	5.82	Technology
∋ AbbVie Inc	2.25	51.51	30.43	Healthcare
$oldsymbol{eta}$ Baker Hughes Co Class A	2.20	53.71	7.61	Energy
	2.17	55.89	38.80	Industrials

#### Total Holdings 54

🕀 Increase 👄 Decrease 🕸 New to Portfolio



1.87

12.59

11.45

0.72

55 88

6.18

4.72

11.01

33.97

17.49

1.21

12.20

4.08

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

2.54

9.74

13.42

2.00

51.46

8.40

3.56

9.69

29.81

20.82

5.89

12.54

2.39

Asset Allocation as of 09-30-2024

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Energy

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Utilities

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

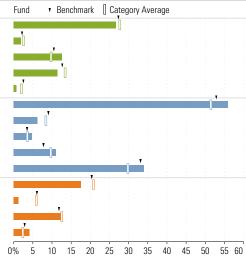
Technology

Consumer Defensive

Defensive

Healthcare

10



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**Morningstar Category** 

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

📕 Large Blend

, )0	Total	100.00	100.00
	Other	0.00	0.96
	Cash	0.32	0.37
	Bonds	0.00	0.34
	Non-US Stocks	2.97	2.42
	US Stocks	96.71	95.93
	Asset Class	Net %	Cat%

## MFS Mid Cap Growth R6 OTCKX

#### Portfolio Manager(s)

Eric Fischman since 11-2008 Eric Braz since 06-2021

#### 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 15.87 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 0.66 is 37.74% lower than the Mid-Cap Growth category average.

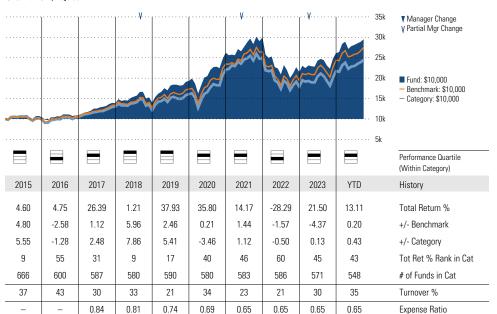
#### **Morningstar Investment Management LLC Analysis**

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	4	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022





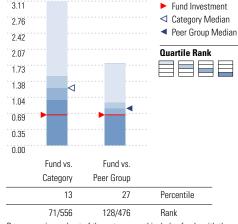
Morningstar Category

Mid-Cap Growth





Beta



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

Fund Benchmark Category Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat -0.73 -2.53 0.92 0.98 94.82 **R-Squared** 90.82 Standard Deviation 20 10 21.31 22 10 Sharpe Ratio -0.02 0.03 -0.08 Tracking Error 4.90 6.61 Information Ratio -0.18 -0.59 Up Capture Ratio 92.39 94.64 Down Capture Ratio 95.16 104.30 **Portfolio Metrics** 

**Total Return %** 

as of 09-30-2024

	Fund	Bmark	Cat
Price/Earnings Ratio	38.57	31.89	33.60
Price/Book Ratio	6.64	8.97	5.72
Geom Avg Mkt Cap \$B	27.37	24.60	22.41
ROE	18.31	31.31	21.72

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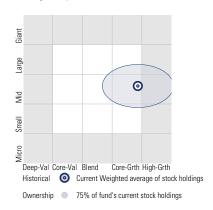


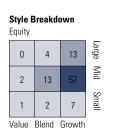
Morningstar Index

Russell Mid Cap Growth TR USD

# MFS Mid Cap Growth R6 OTCKX

**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
⊖ Howmet Aerospace Inc	3.32	3.32	85.57	Industrials
igodolog Monolithic Power Systems Inc	2.77	6.09	47.16	Technology
	2.75	8.85	_	-
Guidewire Software Inc	2.43	11.28	67.77	Technology
Spotify Technology SA	2.25	13.53	96.12	Communication Svc
Bright Horizons Family Solutions Inc	2.18	15.71	48.69	Consumer Cyclical
Gartner Inc	2.17	17.88	12.34	Technology
MSCI Inc	2.14	20.02	3.90	Financial Services
Verisk Analytics Inc	2.13	22.15	12.67	Industrials
Tyler Technologies Inc	2.10	24.25	39.61	Technology
Take-Two Interactive Software Inc	2.09	26.34	-4.50	Communication Svc
Wolters Kluwer NV	2.05	28.38	19.26	Industrials
Westinghouse Air Brake Technologies Corp	1.97	30.36	43.71	Industrials
Arthur J. Gallagher & Co	1.86	32.22	25.92	Financial Services
$\ominus$ Vulcan Materials Co	1.85	34.07	10.92	Basic Materials

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** 

0

€ Cyclical

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3

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Energy

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F

Utilities

50

100

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

Fund

28.80

1.90

12.64

12.69

1.57

54.19

6.35

2.94

22.12

22.78

17.01

1.66

14.76

0.59

#### Total Holdings 93

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

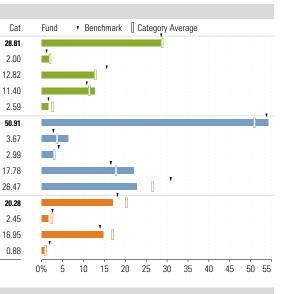
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 Morningstar Category
 Morningstar Index

 Image: Mid-Cap Growth
 Russell Mid Cap Growth TR USD

#### Asset Class Net % Cat% US Stocks 87.98 93.78 Non-US Stocks 9.27 4.14 Bonds 0.00 0.05 Cash 2.75 1.54 0.00 Other 0.50 Total 100.00 100.00



# PIMCO Commodity Real Return Strat I2 PCRPX

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.

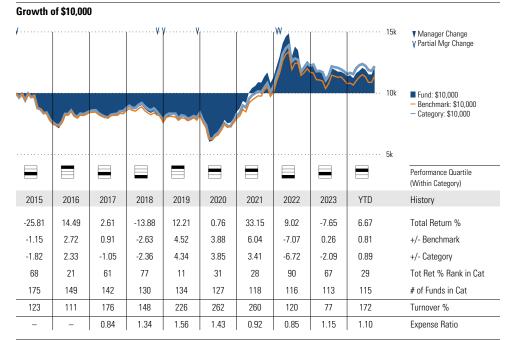
✓ Net Expense: The fund's expense ratio of 1.1 is 8.91% higher than the Commodities Broad Basket category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

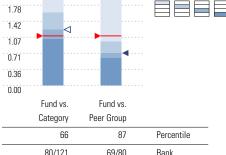
Metric Rating Sustainability Rating 2





Up Capture Ratio

Down Capture Ratio



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

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

102.05

109.61

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95.40

88.21

Morningstar Category Morn

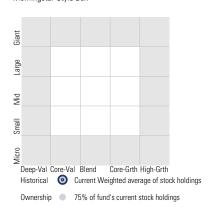
Commodities Broad Basket Bloomb

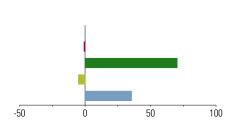
Morningstar Index

d Basket Bloomberg Commodity TR USD

# PIMCO Commodity Real Return Strat I2 PCRPX

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





0 100.00
3 12.74
54.16
6 31.65
0.37
0 1.08
% Cat%
%

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

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund	1	• Be	nchmar	k [	Categ	ory Av	verage				
Դ	Cyclical	-	-	44.68										[		
ŵ.	Basic Materials	-	-	44.68										0		
≏	Consumer Cyclical	-	-	0.00	Ó											
, p	Financial Services	-	-	0.00	0											
n	Real Estate	-	-	0.00	Ū											
~	Sensitive	-	-	51.07											0	
d	Communication Services	-	-	0.00	Ó											
•	Energy	-	-	48.94											0	
¢	Industrials	-	-	2.13	0											
	Technology	-	-	0.00	Ì											
-	Defensive	-	-	4.26												
-	Consumer Defensive	-	-	4.26												
٠	Healthcare	-	-	0.00	ļ											
<b>9</b>	Utilities	-	-	0.00	Ó											
					0%	5	10	15	20	25	30	35	40	45	50	Ę

#### Style Breakdown



#### Weight %

>50 25-50 10-25 0-10

#### 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	-	-
$\oplus$ United States Treasury Notes 0.125%	10.41	142.84	-	-
⊕ 10 Year Treasury Note Future Sept 24	9.42	152.26	-	-
⊖ US Treasury Bond Future Sept 24	9.36	161.62	_	_
🕀 Pimco Cayman Cmdty Fd Ltd Instl	9.21	170.83	-	_
⊕ United States Treasury Notes 0.5%	8.49	179.32	-	_
⊕ TRS R 5.43/91282CDC2 BPS	8.46	187.78	-	_
⊖ U S TIPS REV REPO	8.43	196.21	_	-

#### Total Holdings 774

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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**Morningstar Category** 

Commodities Broad Basket Bloomberg Commodity TR USD

**Morningstar Index** 

# PIMCO Income I2 PONPX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 17.52 years.

Style Consistency is not calculated for Fixed Income funds.

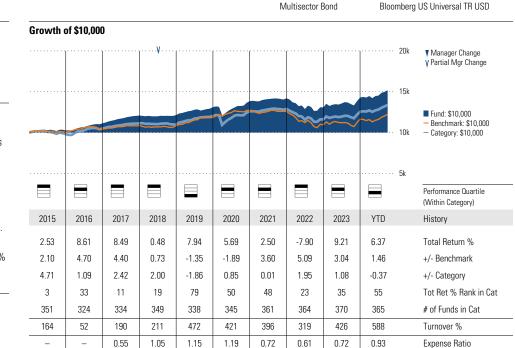
Net Expense: The fund's expense ratio of 0.93 is 6.06% lower than the Multisector Bond category average.

#### 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**

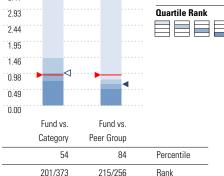
Metric	Rating	Updated
Sustainability Rating	4	08-31-2024



**Morningstar Category** 

Morningstar Index

#### **Trailing Performance Total Return %** 15% as of 09-30-2024 Fund 10 Benchmark Category 5 0 -5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 4.53 12.62 2.33 3.51 4.26 6.83 5.40 5.20 12.08 -1.05 0.70 2.15 Benchmark Return % 1.41 4 38 12 86 2 66 3 1 3 Category Average % \_ 46 53 25 24 5 % Rank in Category 373 363 331 282 195 # of Funds in Category Net Expense **3-Year Risk Metrics** Fund **Bmark** 4.39 Fund Investment Alpha 3.16 Category Median 3.90 0.82 Beta Peer Group Median 3.41 R-Squared 87.06 2.93 Quartile Rank Standard Deviation 6 61 7 52



	201/0/0	210/200	nam
Peer grou	p is a subset of th	e category and in	cludes funds with the
same mar	nagement style (ad	ctive vs. passive)	and similar share class
character	istics.		

Cat 2.10 0 78 78.51 6.59 Sharpe Ratio -0.20 -0.63 -0.36 Tracking Error 2.74 3.57 Information Ratio 1.23 0.69 Up Capture Ratio 92.81 82.37 Down Capture Ratio 63.03 63.09 Portfolio Matrice

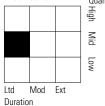
	Fund	Bmark	Cat
Avg Eff Duration	4.22	4.55	3.95
Avg Eff Maturity	5.48	7.69	6.43

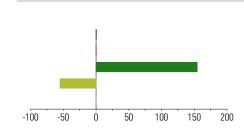
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# PIMCO Income I2 PONPX

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





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
А	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	,	Benchma	irk 🛛 🕻	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	[								
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	0								
Municipal	0.02	-	0.20									
Cash & Equivalents	25.78	-	2.05									
Other	10.72	_	2.58	(								
				0%	5	10	15	20	25	30	35	4(

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

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
娄 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	-
$\oplus$ Federal National Mortgage Association 6%	08-2054	11.81	96.32	-
① 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	-
① RFR USD SOFR/4.90000 06/06/23-2Y LCH Receive	06-2025	8.19	129.14	-
群 Cash Offset	_	8.04	137.18	-
$igodoldsymbol{igodoldsymbol{eta}}$ 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) I-2 PFBPX

Updated

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 9 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.

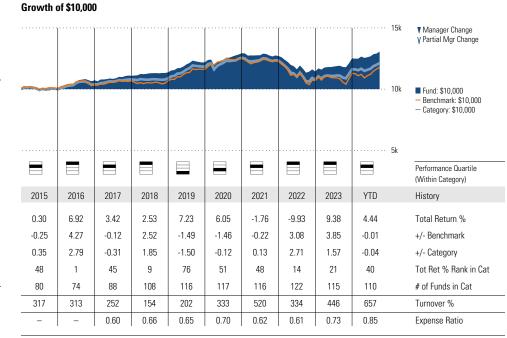
Net Expense: The fund's expense ratio of 0.85 is 21.43% higher than the Global Bond-USD Hedged category average.

#### **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 Sustainability Rating 03-31-2024 3



Morningstar Category

Global Bond-USD Hedged





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

69/76

Rank

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.74	4.43	5.76
Avg Eff Maturity	6.58	-	7.84

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78/111



Morningstar Index

Bloomberg US Agg Bond TR USD

# PIMCO International Bond (USD-Hdg) I-2 PFBPX

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





Duration

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

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

**Morningstar Category** 

Global Bond-USD Hedged

#### **Credit Rating Breakdown** Fund Bmark Cat 3.53 AAA 43.64 33.09 AA 14.76 74.59 11.34 16.99 10.82 26.03 А 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	۲E	Benchn	nark	Categ	jory Ave	erage		
Government	42.16	_	36.58						-	-	1	
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		]							
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									
Securitized	11.23	-	6.19		0							
Agency MBS Pass-Through	7.88	-	3.77									
Agency MBS ARM	0.00	-	0.00									
Agency MBS CMO	0.03	-	0.32	0								
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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# 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.

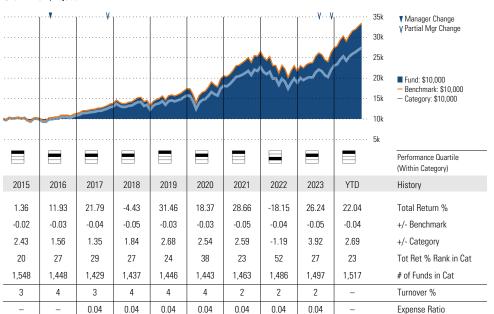
#### **Morningstar Investment Management LLC Analysis**

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**

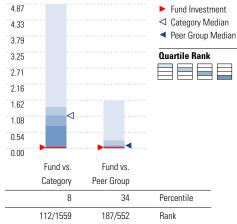
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022











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	Up Capture Ratio		-	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

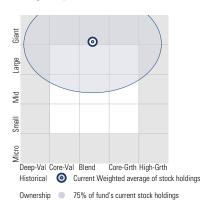
Morningstar Category

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
Đ 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
ightarrow 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

0

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

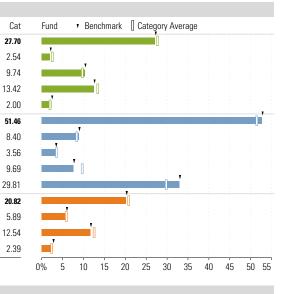
Technology

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



M RNINGSTAR

**Morningstar Category** 

📕 Large Blend

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

# Vanguard Developed Markets Index Admiral VTMGX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

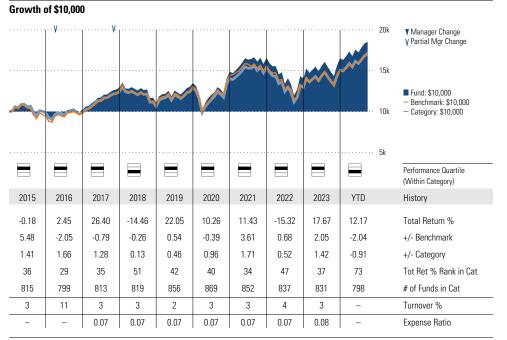
Net Expense: The fund's expense ratio of 0.08 is 90.36% lower than the Foreign Large Blend category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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

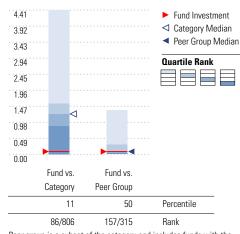


**Morningstar Category** 

Foreign Large Blend







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

				· /			
442	-	# of Funds in Category					
3-Year Risk Me	trics						
		Fund	Bmark	Cat			
Alpha		0.47	-	-0.05			
Beta		1.09	-	1.02			
R-Squared		96.32	-	92.90			
Standard Deviation		18.07	16.34	17.33			
Sharpe Ratio		0.14	0.10	0.10			
Tracking Error		3.74	-	4.62			
Information Ratio		0.18	-	0.00			
Up Capture Ratio		115.38	-	105.97			
Down Capture Ratio		114.59	-	107.27			

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.46	15.78	15.57
Price/Book Ratio	1.68	1.85	1.89
Geom Avg Mkt Cap \$B	34.83	52.84	63.57
ROE	15.52	16.65	18.70

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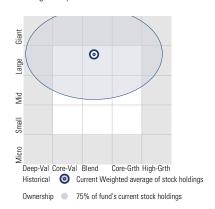


Morningstar Index

MSCI ACWI Ex USA NR USD

# Vanguard Developed Markets Index Admiral VTMGX

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



#### Style Breakdown

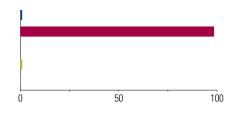


#### Weight %

<25

>50 25-50 10-25 0-10

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



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

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	41.58	41.84	38.35
<b>.</b> #.	Basic Materials	7.62	7.13	6.28
	Consumer Cyclical	10.15	10.56	10.23
ц.	Financial Services	20.46	22.19	20.32
ŵ	Real Estate	3.35	1.96	1.52
V <sup>ar</sup>	Sensitive	37.25	38.31	39.09
đ	Communication Services	4.22	6.08	5.08
0	Energy	4.76	5.12	4.58
¢	Industrials	17.57	13.70	16.70
	Technology	10.70	13.41	12.73
-	Defensive	21.16	19.84	22.55
F	Consumer Defensive	7.14	7.14	7.90
٠	Healthcare	11.04	9.63	12.14
9	Utilities	2.98	3.07	2.51
-				

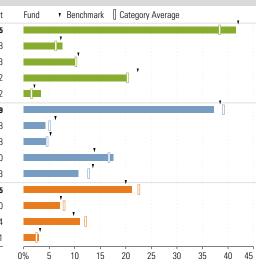
#### Asset Class Net % Cat% US Stocks 0.72 3.83 Non-US Stocks 98.39 93.48 Bonds 0.00 0.55 Cash 0.74 0.63 Other 0.16 1.53 Total 100.00 100.00

**Morningstar Category** 

Foreign Large Blend

Morningstar Index

MSCI ACWI Ex USA NR USD



	Greater Asia	Fund % 35.60	Cat % 34.59	Americas	Fund % 10.70	Cat % 8.81	Greater Europe	Fund % 53.69	Cat % 56.59	Market Maturity	Fund %
	Japan	21.38	18.85	North America	10.67	7.75	United Kingdom	12.16	13.90	Developed Markets	99.40
	Australasia	7.05	4.68	Central/Latin	0.03	1.06	W euro-ex UK	40.57	41.71	Emerging Markets	0.60
	Asia-4 Tigers	6.99	6.46				Emrgng Europe	0.37	0.12	Not Available	0.00
	Asia-ex 4 Tigers	0.18	4.60				Africa	0.59	0.86		
	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
	1.52	1.52	_	Healthcare
€ ASML Holding NV	1.36	2.87	10.07	Technology
$\exists$ Nestle SA	1.07	3.94	-	Consumer Defensive
€ SAP SE	1.04	4.98	48.12	Technology
earrow Novartis AG Registered Shares	0.97	5.95	-	Healthcare
🕀 AstraZeneca PLC	0.97	6.92	11.52	Healthcare
$oldsymbol{eta}$ Samsung Electronics Co Ltd	0.92	7.84	-	Technology
$oldsymbol{eta}$ Roche Holding AG	0.92	8.76	-	Healthcare
Đ Toyota Motor Corp	0.88	9.64	-	Consumer Cyclical
ightarrow Shell PLC	0.85	10.49	-2.59	Energy

#### Total Holdings 4015

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

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# 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.

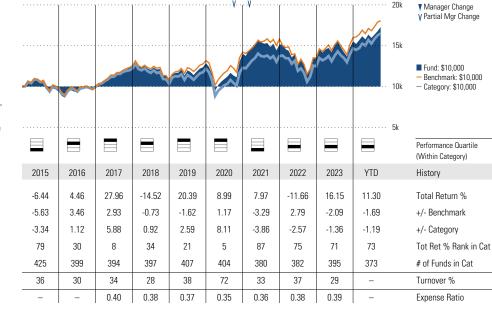
Net Expense: The fund's expense ratio of 0.39 is 59.38% lower than the Foreign Large Value category average.

#### **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

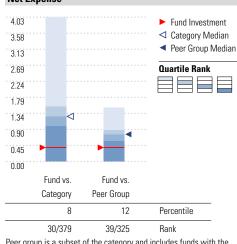




Alpha

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** 

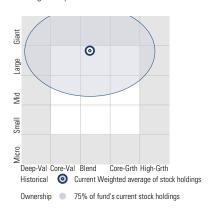
Foreign Large Value

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
V.	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

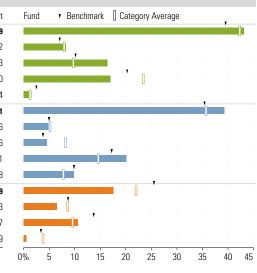
#### Asset Class Net % Cat% US Stocks 3.27 2.90 Non-US Stocks 92.03 95.38 Bonds 0.00 0.11 Cash 4.08 2.84 Other 0.61 -1.21 Total 100.00 100.00

Morningstar Index

MSCI EAFE NR USD

**Morningstar Category** 

Foreign Large Value



4	7.	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
$oldsymbol{eta}$ Ryanair Holdings PLC ADR	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	-	-
	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 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.

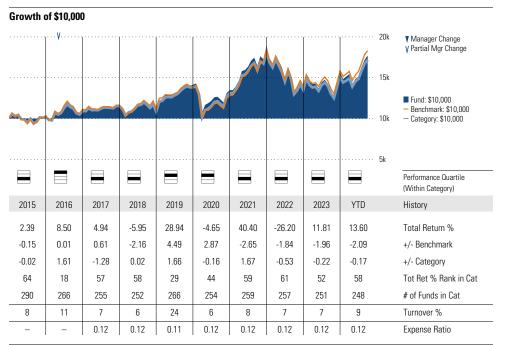
Net Expense: The fund's expense ratio of 0.13 is 88.29% lower than the Real Estate category average.

#### **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	<ul> <li># of Funds in Category</li> </ul>					
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

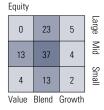
S&P United States REIT TR USD

## 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	ĺ																		
	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> 

## Vanguard Small Cap Value Index Admiral VSIAX

#### Portfolio Manager(s)

Gerard O'Reilly since 04-2016 Nick Birkett since 02-2023

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 8.43 years.

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

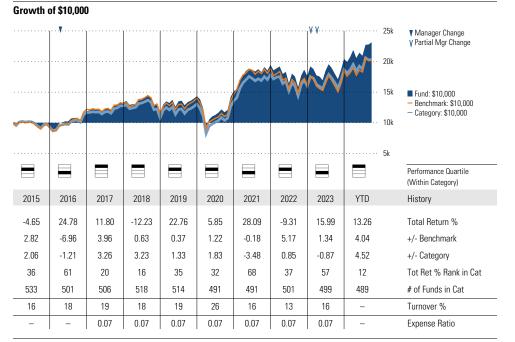
Net Expense: The fund's expense ratio of 0.07 is 93.69% lower than the Small Value category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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



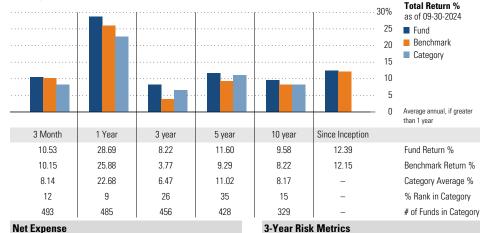
Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD





3.61 Fund Investment Category Median 3.21 Peer Group Median 2.81 2.41 Quartile Rank 2.01 1.60 1.20 0.80 0.40 Fund vs Fund vs Peer Group Category 2 22 Percentile 9/497 11/51 Rank

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

**3-Year Risk Metrics** Fund Bmark Cat Alpha 4.45 2.65 0.90 0.91 Beta R-Squared 96.34 93.65 Standard Deviation 21 00 22 84 21 56 Sharpe Ratio 0.30 0 1 1 0.21 Tracking Error 4.59 5.63 Information Ratio 0.97 0.45 Up Capture Ratio 99.34 95.86 Down Capture Ratio 86.24 88.20 **Portfolio Metrics** 

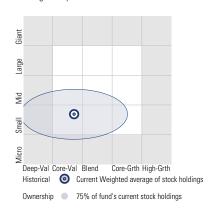
Fund         Bmark         Cat           Price/Earnings Ratio         16.10         13.90         14.46           Price/Book Ratio         1.90         1.31         1.66           Geom Avg Mkt Cap \$B         6.78         2.14         4.78           ROE         13.87         4.84         12.10				
Price/Book Ratio         1.90         1.31         1.66           Geom Avg Mkt Cap \$B         6.78         2.14         4.78		Fund	Bmark	Cat
Geom Avg Mkt Cap \$B 6.78 2.14 4.78	Price/Earnings Ratio	16.10	13.90	14.46
0	Price/Book Ratio	1.90	1.31	1.66
ROE 13.87 4.84 12.10	Geom Avg Mkt Cap \$B	6.78	2.14	4.78
	ROE	13.87	4.84	12.10

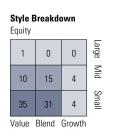
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## Vanguard Small Cap Value Index Admiral VSIAX

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
€ Slcmt1142	0.90	0.90	_	_
$\ni$ Smurfit WestRock PLC	0.74	1.64	24.94	Consumer Cyclical
ightarrowBuilders FirstSource Inc	0.65	2.29	16.13	Industrials
igodolog Booz Allen Hamilton Holding Corp Class A	0.61	2.90	28.44	Industrials
eq Carlisle Companies Inc	0.60	3.50	44.82	Industrials
⊖ EMCOR Group Inc	0.58	4.08	100.16	Industrials
€ Atmos Energy Corp	0.58	4.66	21.76	Utilities
igodolog First Citizens BancShares Inc Class A	0.57	5.23	30.09	Financial Services
⇒ NRG Energy Inc	0.54	5.77	78.57	Utilities
⇒ IDEX Corp	0.47	6.24	-0.27	Industrials
⊖ Pentair PLC	0.47	6.71	35.44	Industrials
	0.46	7.17	62.97	Healthcare
ightarrow Tenet Healthcare Corp	0.46	7.63	119.93	Healthcare
ightarrow Reliance Inc	0.46	8.09	4.59	Basic Materials
ightarrow Toll Brothers Inc	0.46	8.55	50.95	Consumer Cyclical

#### Total Holdings 838

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



50

Fund

49.99

6.27

14.50

19.06

10.16

34.10

2.78

3.66

19.82

7 84

15.92

4.43

6.59

4.90

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

Asset Class	Net %	Cat%
US Stocks	97.30	94.33
Non-US Stocks	1.73	4.01
Bonds	0.00	0.17
Cash	0.96	1.22
Other	0.00	0.28
Total	100.00	100.00

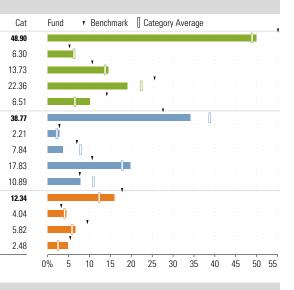
**Morningstar Index** 

Russell 2000 Value TR USD

**Morningstar Category** 

Small Value

100





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Technology Defensive F **Consumer Defensive** 

> Utilities

0

Դ Cyclical

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Energy

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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

Healthcare

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

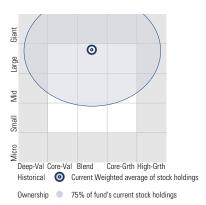
Cat

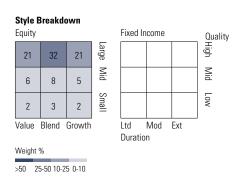
2.92

5 1 5

## 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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A

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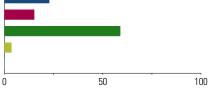
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đ

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

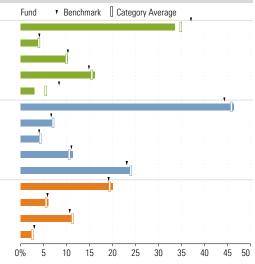
19.35

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.

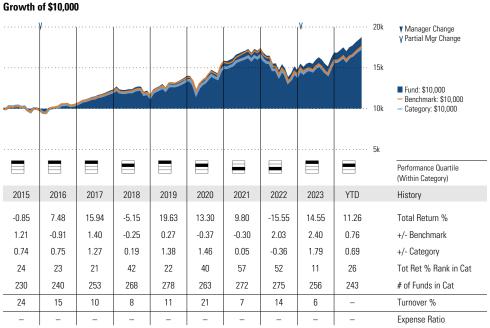
Net Expense: The fund's expense ratio of 0.08 is 85.71% lower than the Target-Date 2025 category average.

#### Morningstar Investment Management LLC Analysis

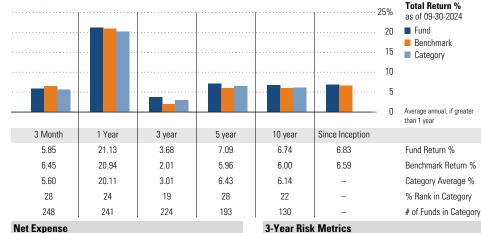
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

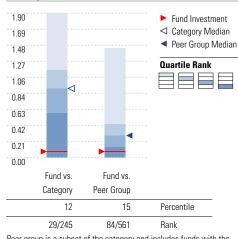
#### **ESG Metrics**

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

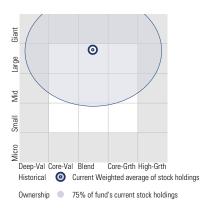
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.45	21.43	21.88
Price/Book Ratio	2.68	2.81	2.95
Avg Eff Duration	5.84	-	5.46

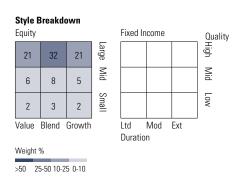
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## Vanguard Target Retirement 2025 Fund VTTVX

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

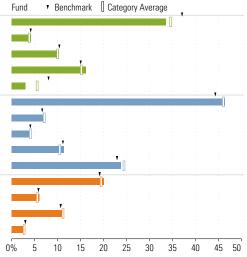
Target-Date 2025

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	-	-
— ⊖ Mktliq 12/31/2049	-	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

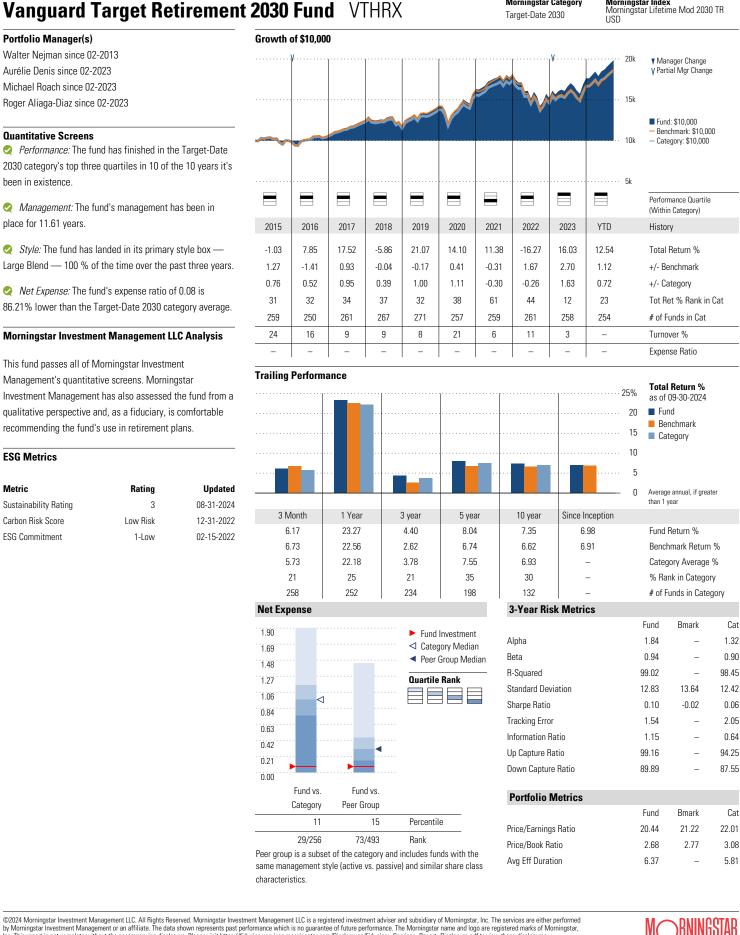
Carbon Risk Score

ESG Commitment

Metric

## Vanguard Target Retirement 2030 Fund VTHRX

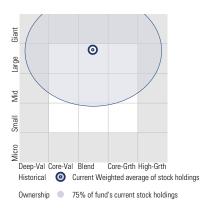
**Morningstar Category** 

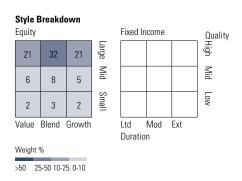


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## Vanguard Target Retirement 2030 Fund VTHRX

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

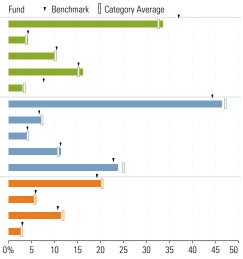
Target-Date 2030

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



## 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**

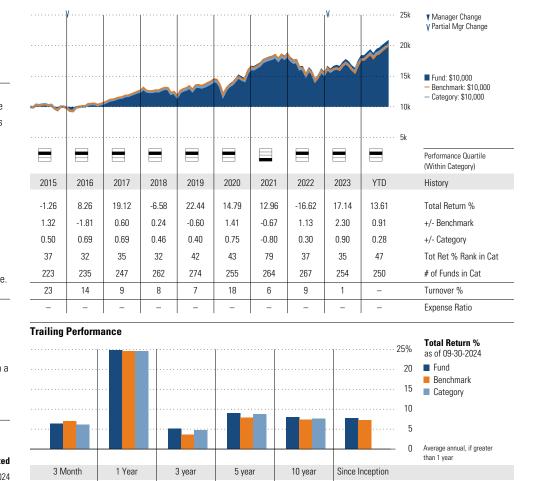
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





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

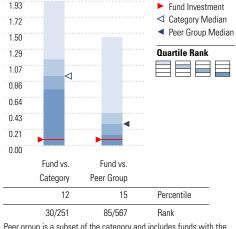
7.33

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 Funds in Category		
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

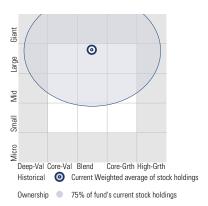
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.47	21.00	21.82
Price/Book Ratio	2.69	2.74	3.01
Avg Eff Duration	6.38	-	6.45

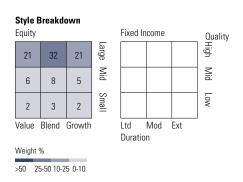
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## Vanguard Target Retirement 2035 Fund VTTHX

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

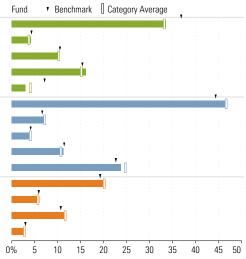
Target-Date 2035

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



## 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.

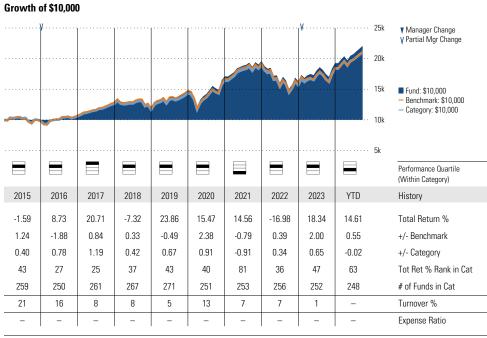
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2040 category average.

#### 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

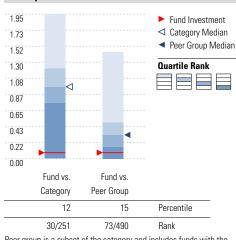
Morningstar Index Morningstar Lifetime Mod 2040 TR

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

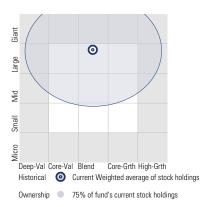
Portfolio Metrics				
	Fund	Bmark	Cat	
Price/Earnings Ratio	20.53	20.79	21.69	
Price/Book Ratio	2.70	2.70	3.00	
Avg Eff Duration	6.37	-	7.09	

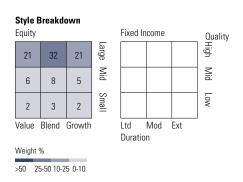
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## Vanguard Target Retirement 2040 Fund VFORX

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

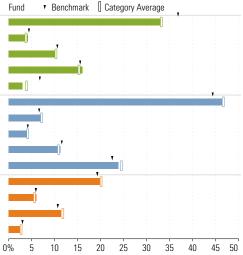
Target-Date 2040

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



## 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.

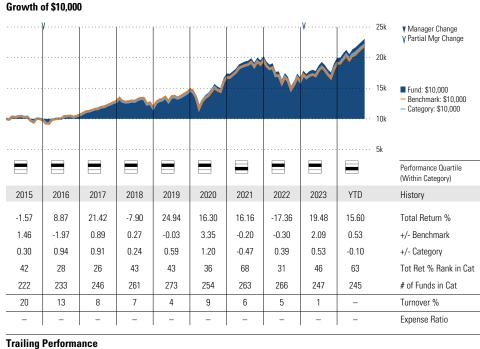
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2045 category average.

#### **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**

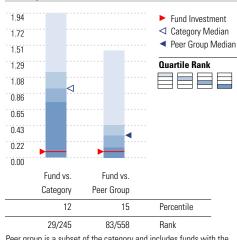
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



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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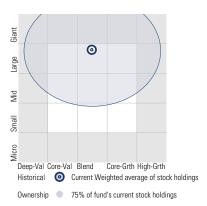


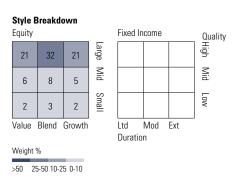
Morningstar Index Morningstar Lifetime Mod 2045 TR

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** 

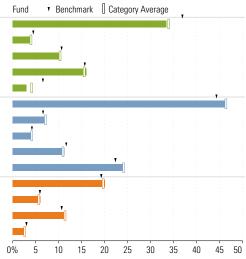
Target-Date 2045

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



## 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.

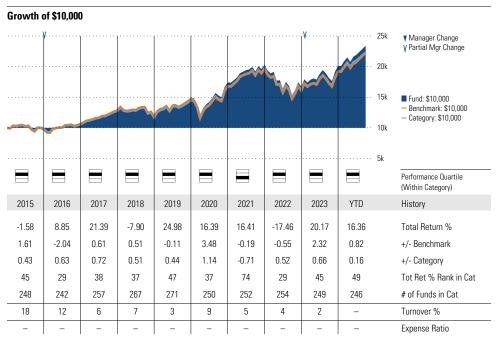
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2050 category average.

#### **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

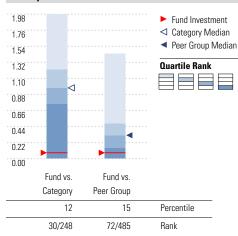


Morningstar Category

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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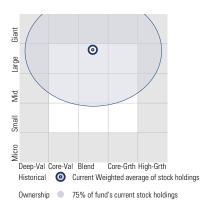


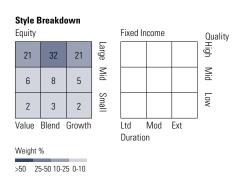
Morningstar Index Morningstar Lifetime Mod 2050 TR

USD

## Vanguard Target Retirement 2050 Fund VFIFX

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



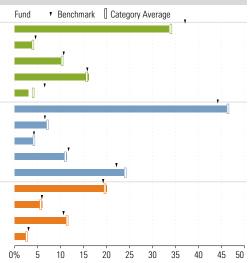


#### Top 6 Holdings as of 09-30-2024

					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.

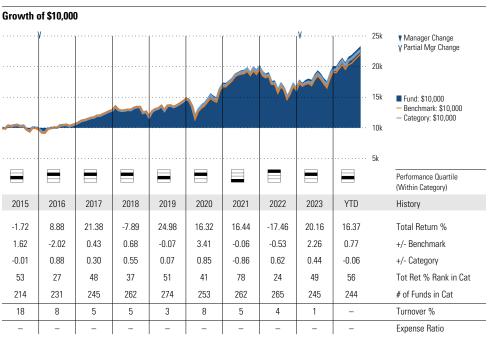
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2055 category average.

#### **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

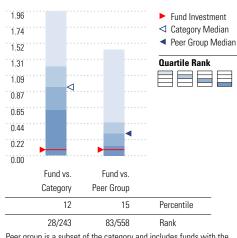


Morningstar Category

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

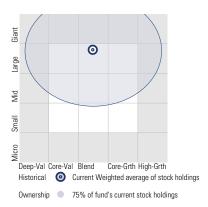
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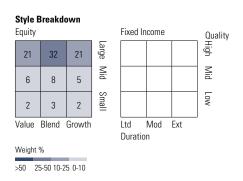


Morningstar Index Morningstar Lifetime Mod 2055 TR USD

## Vanguard Target Retirement 2055 Fund VFFVX

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





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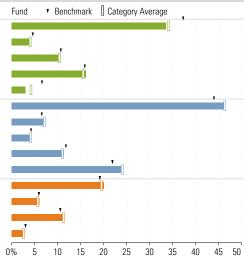
35.26 9.30 1.97 0.06	27.77 5.49 0.68 11.80
9.30	5.49
35.26	27.77
53.41	54.28
Net %	Cat%

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



## 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.

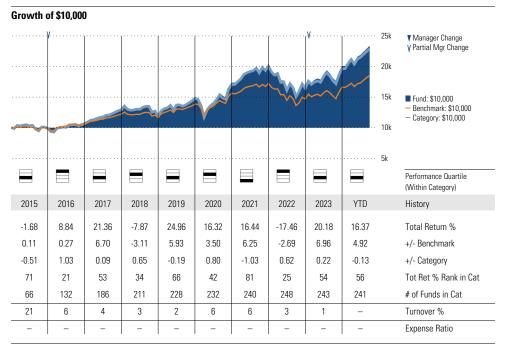
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2060 category average.

#### 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

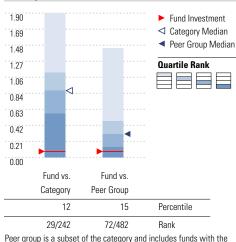


Morningstar Category

Target-Date 2060

#### **Trailing Performance Total Return %** 30% as of 09-30-2024 25 Fund Benchmark 20 Category 15 10 5 0 Average annual, if greater than 1 year 3 Month 1 Year 10 veai Since Inception 3 yea 5 year Fund Return % 6.72 28.93 6.84 11.05 9.11 10.24 6.97 22.04 3.61 7.07 6.49 6.47 Benchmark Return % 6.36 29.35 6 59 10.92 9.04 Category Average % \_ 28 62 39 45 61 % Rank in Category 244 239 222 183 33 # of Funds in Category

Net Expense



Peer group is a subset of the category and includes funds with the	
same management style (active vs. passive) and similar share class	5
characteristics.	

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.51	-	2.25
Beta	1.23	_	1.27
R-Squared	97.46	-	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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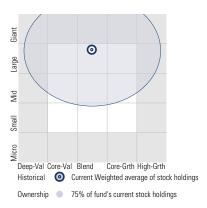


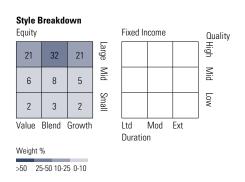
Morningstar Index

Morningstar Mod Tgt Risk TR USD

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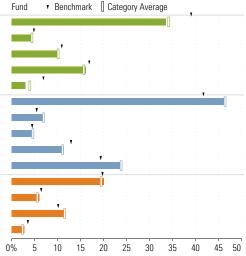
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Asset Class	Net %	Cat%
US Stocks	53.30	54.01
Non-US Stocks	35.30	29.75
Bonds	9.27	5.27
Cash	2.10	0.29
Other	0.06	10.67
Total	100.00	100.00

#### 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

Morningstar Mod Tgt Risk TR USD

## 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.

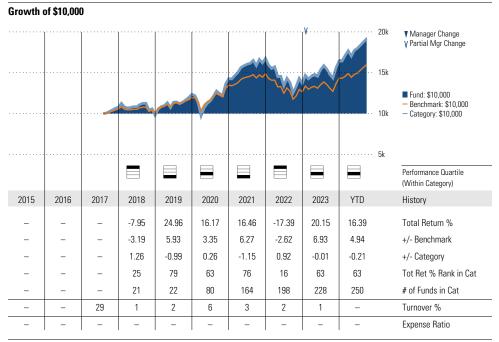
Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2065+ category average.

#### 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+

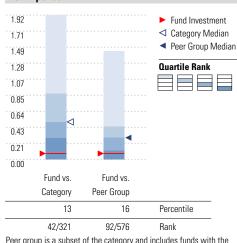
Morningstar Index

Morningstar Mod Tgt Risk 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	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

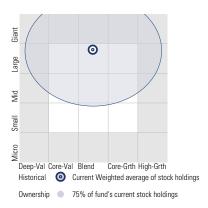
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.41	19.85	20.90
Price/Book Ratio	2.67	2.47	2.76
Avg Eff Duration	6.38	-	8.96

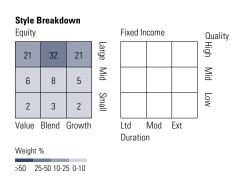
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## Vanguard Target Retirement 2065 Fund VLXVX

**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

0

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

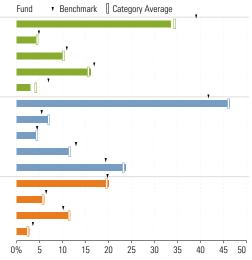
**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2065+

#### Bmark Cat Fund Դ Cyclical 33.57 38.88 34.36 æ. Basic Materials 4.22 4.68 4.44 Consumer Cyclical 10.23 10.74 10.16 ц. Financial Services 16 14 1671 15.60 ŵ Real Estate 2.98 6.75 4.16 Sensitive 46.34 ~ 41.54 46.06 đ **Communication Services** 7.01 5.28 6.97 Energy 4.28 4.30 4.36 ¢ Industrials 11.34 12.75 11.50 Technology 23.71 19.21 23.23 20.09 19.59 Defensive 19.57 **Consumer Defensive** 6.06 6.26 5.73 Healthcare 11.31 9.96 11.41 Utilities 2.72 3.37 2.43



#### 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	-	-
		- 53.23 - 36.25 - 6.63 - 2.99 - 0.86	- 53.23 53.23 - 36.25 89.47 - 6.63 96.10 - 2.99 99.09 - 0.86 99.95	- 53.23 53.23 - - 36.25 89.47 - - 6.63 96.10 - - 2.99 99.09 - - 0.86 99.95 -

#### Total Holdings 6

## 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

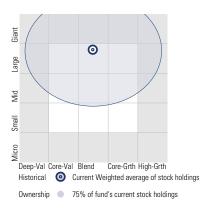
History

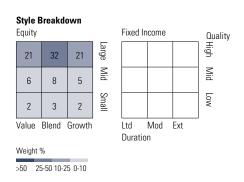
vanguard i	aryet ne	uremen	[ <b>2</b> 0/0	гипс	V C		<b>۱</b>			Target-Date	2065+	Morningst
Portfolio Manager(s)			Growth	of \$10,000								
-				rı				l · · · · · · · · ·	ſ			15k
noger Allaga-Diaz since u	2-2023										$\sim$	10k
Quantitative Screens		6 I 11								V V		
		tunds with										
		om haa haan in										5k
Style: The fund has la	inded in its primary	style hox —	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD
		•	_	_	_	_	_	_	_	_	20.24	16.37
Not European The fun	d'a avranaa ratia a	£ 0, 00 in	_	-	-	-	-	_	-	-	7.02	4.92
			-	-	-	-	-	-	-	-	0.08	-0.23
average.		logory	-	-	-	-	-	-	-	-	58	67
			_	-	-	-	-	-	-	-	228	250
Morningstar Investmer	it Management Ll	LC Analysis		-	-	-	-	-	-	44	2	-
This fund fails the manag	er tenure screen du	e to a limited	_	-	-	-	-	-	-	-	-	-
history for this target-date	e vintage.		Trailing	Performa	nce							
ESG Metrics								]				
Metric	Rating	Updated										
	Iter Nejman since 06-2022 élie Denis since 02-2023 chael Roach since 02-2023 ger Aliaga-Diaz since 02-2023 antitative Screens Performance screen is not applicable for funds we is than three years of data. <i>Management:</i> The fund's management team has ce for less than three years. <i>Style:</i> The fund has landed in its primary style bo ge Blend — 100 % of the time over the past three <i>Net Expense:</i> The fund's expense ratio of 0.08 is 44% lower than the Target-Date 2065+ category rage. <b>tringstar Investment Management LLC Ana</b> is fund fails the manager tenure screen due to a lift tory for this target-date vintage. <b>G Metrics</b> <b>tric</b> <b>Rating</b> tanability Rating 3 08	08-31-2024 12-31-2022										10
Calbon hisk Scole	LUW HISK	12-31-2022					•••••					
												0
				1onth	1 Year		3 year	5 ye	ar	10 year		Inception
				.73 .97	28.98 22.04		- 3.61	7.0	7	- 6.49		6.56 6.47
				.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.								

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## Vanguard Target Retirement 2070 Fund VSVNX

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





## 

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
Other	0.05	15.09
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

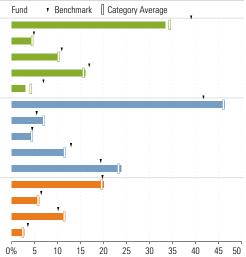
Morningstar Category

Target-Date 2065+

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

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund	▼ Be	e
Դ	Cyclical	33.48	38.88	34.36			
æ.	Basic Materials	4.19	4.68	4.44			
A	Consumer Cyclical	10.22	10.74	10.16			
<b>a</b>	Financial Services	16.09	16.71	15.60		•	
ŵ	Real Estate	2.98	6.75	4.16		'	
w,	Sensitive	46.42	41.54	46.06	_		
	Communication Services	7.03	5.28	6.97			
•	Energy	4.28	4.30	4.36	i i		
¢	Industrials	11.29	12.75	11.50			
	Technology	23.82	19.21	23.23			
-	Defensive	20.11	19.59	19.57			
F	Consumer Defensive	6.06	6.26	5.73		ľ į	
٠	Healthcare	11.33	9.96	11.41	_		0
9	Utilities	2.72	3.37	2.43			



#### 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	_	54.02	54.02	_	_
Over the second seco	-	35.79	89.81	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.96	96.77	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	-	2.98	99.75	_	-
⊕ Mktliq 12/31/2049	-	0.16	99.91	-	-
⊕ Us Dollar	-	0.09	100.00	_	_

#### Total Holdings 6



average.

Metric

## Vanguard Target Retirement Income Fund VTINX

Morningstar Index Morningstar Lifetime Mod Incm TR

201

15k

10k

5k

20%

15

10

5

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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

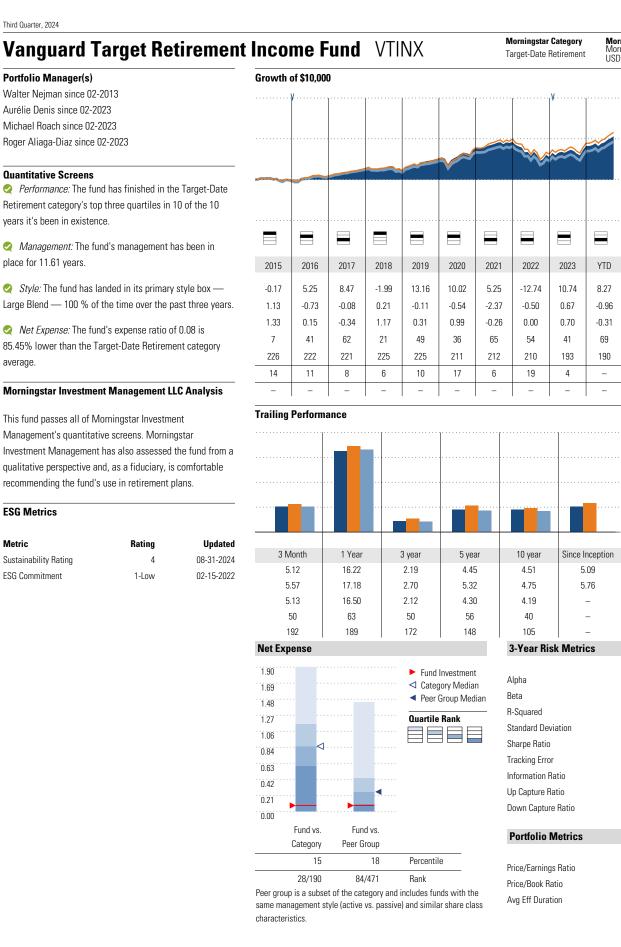
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Fund Return %

Category

Fund

History



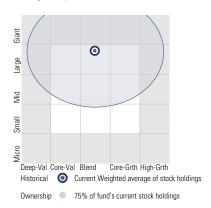
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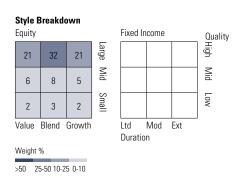
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## Vanguard Target Retirement Income Fund VTINX

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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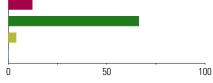
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Energy

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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 Other 12.84 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 0% 5 10 15 20 25 30 35 40 45 50

#### 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	_	-
$\ominus$ 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

