### American Funds Invmt Co of Amer R6 RICGX

Morningstar Category

Morningstar Index S&P 500 TR USD

35

Vanager Change



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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 31.6 years.

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

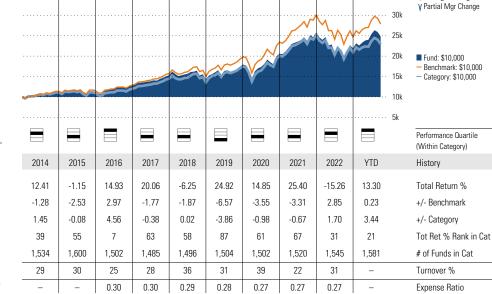
Net Expense: The fund's expense ratio of 0.27 is 64% lower than the Large Blend category average.

#### 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	1	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022



V



Growth of \$10,000

. . **V**. . .

**γ**...γ.



4 87 Fund Investment Category Median 4.33 Peer Group Median 3.79 3.25 Quartile Rank 2.71 2.16 1.62 1.08 0.54 0.00 Fund vs Fund vs Peer Group Category 19 15 Percentile 313/1700 145/972 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.

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 0.87 -0.66 0.91 0.95 Beta R-Squared 96.88 94.61 Standard Deviation 16 58 17 85 17 40 Sharpe Ratio 0 55 0 52 0.45 Tracking Error 3.30 3.74 Information Ratio 0.04 -1.15 Up Capture Ratio 94.62 93.16 Down Capture Ratio 91.99 95.77 **Portfolio Metrics** Fund Bmark Cat

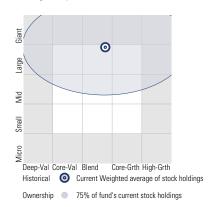
Price/Earnings Ra	ntio	20.97	22.40	22.25
Price/Book Ratio		3.63	3.98	4.46
Geom Avg Mkt C	ap \$B	182.04	228.69	275.77
ROE		25.84	30.76	29.52

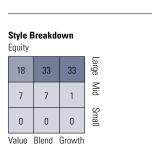
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### American Funds Invmt Co of Amer R6 RICGX

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





Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	7.73	7.73	32.51	Technology
$\ni$ Broadcom Inc	5.04	12.77	51.02	Technology
$oldsymbol{eta}$ Capital Group Central Cash Fund	4.65	17.42	-	-
ightarrow General Electric Co	3.69	21.10	49.86	Industrials
$\oplus$ Amazon.com Inc	2.74	23.85	51.33	Consumer Cyclical
Apple Inc	2.15	26.00	32.32	Technology
€ Abbott Laboratories	2.12	28.12	-10.39	Healthcare
ightarrow Meta Platforms Inc Class A	2.11	30.23	149.47	Communication Svc
Đ British American Tobacco PLC	2.00	32.23	-	Consumer Defensive
$\oplus$ Mastercard Inc Class A	1.96	34.19	14.35	Financial Services
∋ Netflix Inc	1.95	36.14	28.05	Communication Svc
	1.80	37.94	48.32	Communication Svc
$\ni$ Philip Morris International Inc	1.79	39.73	-4.73	Consumer Defensive
Linde PLC	1.76	41.49	15.33	Basic Materials
Alphabet Inc Class C	1.73	43.22	48.60	Communication Svc

#### Total Holdings 214

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

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

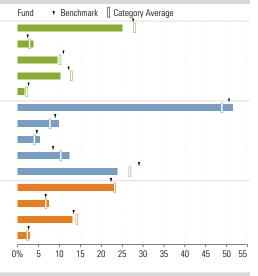
Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	25.10	27.45	27.95
æ.	Basic Materials	3.72	2.23	2.85
A	Consumer Cyclical	9.56	10.77	10.13
цф.	Financial Services	10.22	12.01	12.82
ŵ	Real Estate	1.60	2.44	2.15
V.	Sensitive	51.44	50.38	48.85
g	Communication Services	9.82	8.81	7.72
0	Energy	5.37	4.42	3.99
٥	Industrials	12.43	8.29	10.30
	Technology	23.82	28.86	26.84
-	Defensive	23.47	22.17	23.21
F	Consumer Defensive	7.50	6.53	6.73
٠	Healthcare	13.06	13.21	14.16
2	Utilities	2.91	2.43	2.32



Morningstar Index

Morningstar Category





years.

average.

Metric

### American Funds New Perspective R6 RNPGX

Morningstar Index Morningstar Category Global Large-Stock Growth MSCI ACWI NR USD Portfolio Manager(s) Growth of \$10,000 Robert Lovelace since 12-2000 . **V**. . . . . . ....**y**. 30 V Manager Change Jonathan Knowles since 12-2004 V Partial Mgr Change Joanna Jonsson since 12-2005 25k Steven Watson since 12-2005 20k Brady Enright since 12-2005 Fund: \$10.000 - Benchmark: \$10,000 15k Noriko Chen since 04-2012 - Category: \$10,000 Andraz Razen since 07-2015 10k Barbara Burtin since 12-2018 5k Patrice Collette since 12-2018 Performance Quartile (Within Category) Quantitative Screens 2014 2015 2016 2017 2019 2020 2021 2022 YTD 2018 History Performance: The fund has finished in the Global Large-Stock Growth category's top three quartiles in 10 of the 10 3.56 5.63 2.19 29.30 -5.56 30 48 33 81 18.10 -25.61 12.17 Total Return % years it's been in existence. 7.99 -0.60 -5.67 5.33 3.85 3.88 17.56 -0.44 -7.25 2 1 1 +/- Benchmark 2.29 4.37 0.91 -0.23 -0.92 2.23 0.08 1.14 5.26 2.30 +/- Category Management: The fund's management has been in 43 16 51 51 31 50 34 28 46 31 Tot Ret % Rank in Cat place for 22.84 years. 293 374 371 # of Funds in Cat 257 272 254 270 307 325 353 Style: The fund has landed in its primary style box — 25 27 22 28 23 20 26 22 21 \_ Turnover % Large Growth - 100 % of the time over the past three \_ 0.45 0.45 0.44 0.44 0.42 0.41 0.41 \_ Expense Ratio **Trailing Performance** Net Expense: The fund's expense ratio of 0.41 is **Total Return %** . 25% as of 09-30-2023 61.68% lower than the Global Large-Stock Growth category 20 Fund 15 Benchmark 10 Category **Morningstar Investment Management LLC Analysis** 5 0 This fund passes all of Morningstar Investment -5 Management's quantitative screens. Morningstar -10 Average annual, if greater than 1 year Investment Management has also assessed the fund from a 3 Month 1 Year 10 year Since Inception 3 year 5 year qualitative perspective and, as a fiduciary, is comfortable Fund Return % -4.36 21.70 4.92 8.36 9.82 12.00 recommending the fund's use in retirement plans. -3.40 20.80 6.89 6.46 7.56 5.65 Benchmark Return % -5.93 19 50 1 19 6 1 5 812 Category Average % \_ **ESG Metrics** 21 35 24 13 10 % Rank in Category 374 369 327 288 193 # of Funds in Category Rating Updated **3-Year Risk Metrics** Net Expense Sustainability Rating 2 08-31-2023 Fund **Bmark** Cat Carbon Risk Score 12-31-2022 2.52 Low Risk Fund Investment Alpha -2.36 -5.37 Category Median ESG Commitment 2-Basic 02-15-2022 2.24 Reta 1 1 1 1 0 9 Peer Group Median 1.96 R-Squared 96.13 87.87 1.68 Quartile Rank 19.33 Standard Deviation 17 09 20.08 1.40 Sharpe Ratio 0 24 0.35 0.09 1.12 Tracking Error 4 7 4 7.12 0.84 Information Ratio -0.47 -0.70 0.56 Up Capture Ratio 105.23 96.80 0.28 Down Capture Ratio 115.20 119.97 Fund vs Fund vs **Portfolio Metrics** Peer Group Category Fund Bmark Cat 2 Δ Percentile Price/Earnings Ratio 21 65 18 01 25.97 5/378 10/250 Rank Price/Book Ratio 3.64 2.62 4.60 Peer group is a subset of the category and includes funds with the Geom Avg Mkt Cap \$B 118 09 155.31 114 17 same management style (active vs. passive) and similar share class

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characteristics.



25.38

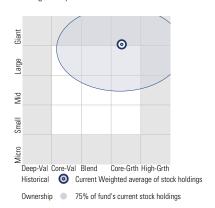
24.52

25.53

ROE

### American Funds New Perspective R6 RNPGX

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







Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2023

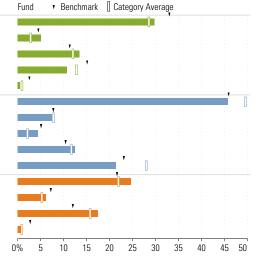


Asset Class	Net %	Cat%
US Stocks	49.61	58.42
Non-US Stocks	44.04	38.96
Bonds	0.00	0.01
Cash	6.35	2.05
Other	0.00	0.56
Total	100.00	100.00

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

0

		Fund	Bmark	Cat
Դ	Cyclical	29.70	32.83	28.54
æ.	Basic Materials	5.06	4.34	2.80
	Consumer Cyclical	13.42	11.16	12.02
ц.	Financial Services	10.68	14.95	12.79
ŵ	Real Estate	0.54	2.38	0.93
V <sup>ar</sup>	Sensitive	45.69	45.72	49.56
đ	Communication Services	7.46	7.59	7.78
0	Energy	4.43	4.93	2.13
¢	Industrials	12.40	10.27	11.68
	Technology	21.40	22.93	27.97
-	Defensive	24.62	21.45	21.91
F	Consumer Defensive	6.10	7.05	5.25
٠	Healthcare	17.50	11.84	15.76
9	Utilities	1.02	2.56	0.90
-				



	Greater Asia	Fund % 11.44	Cat % 12.26	Americas	Fund % 57.58	Cat % 63.40	Greater Europe	Fund % 30.99	Cat % 24.36	Market Maturity	Fund %
	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	3.17 0.09 5.62 2.56	4.11 0.24 3.56 4.35	North America Central/Latin	56.23 1.35	62.03 1.37	United Kingdom W euro-ex UK Emrgng Europe Africa	5.54 24.95 0.00 0.50	4.38 19.65 0.02 0.31	Developed Markets Emerging Markets Not Available	95.76 4.24 0.00
>75	Not Classified	0.00	0.00								

50

Top 10 Holdings as of 09-30-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$ onumber \in \mathbb{R}^{2}$ Capital Group Central Cash Fund	6.35	6.35	_	_
∋ Microsoft Corp	4.69	11.04	32.51	Technology
€ Novo Nordisk A/S Class B	2.48	13.52	-	Healthcare
ightarrow Tesla Inc	2.39	15.91	103.13	Consumer Cyclical
igap Taiwan Semiconductor Manufacturing Co Ltd	2.29	18.21	-	Technology
$\supset$ Meta Platforms Inc Class A	2.15	20.36	149.47	Communication Svc
$\ni$ Broadcom Inc	1.91	22.27	51.02	Technology
$\ni$ Eli Lilly and Co	1.51	23.78	47.75	Healthcare
$\supset$ ASML Holding NV	1.46	25.24	-	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.33	26.58	_	Consumer Cyclical

#### Total Holdings 297

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

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Morningstar Category Morningstar Index

Global Large-Stock Growth MSCI ACWI NR USD

Asset Allocation as of 09-30-2023

### American Funds New World R6 RNWGX

#### Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Winnie Kwan since 01-2009
Christopher Thomsen since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2016
Akira Shiraishi since 01-2017
Bradford Freer since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020
Piyada Phanaphat since 01-2020

#### **Quantitative Screens**

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

*Management:* The fund's management has been in place for 24.3 years.

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

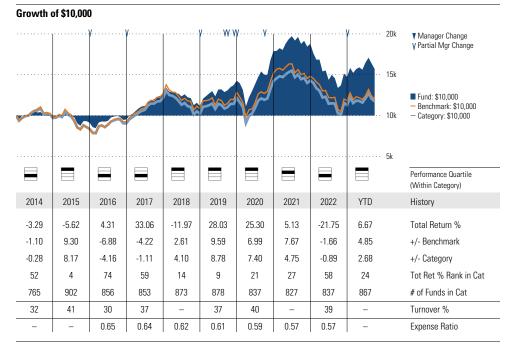
Net Expense: The fund's expense ratio of 0.57 is 50% lower than the Diversified Emerging Mkts category average.

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

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

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

**ESG Metrics** 





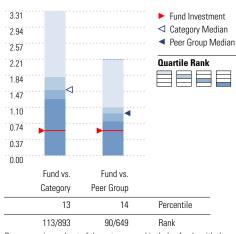
Alpha

Beta

R-Squared

Sharpe Ratio

#### Net Expense



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

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

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

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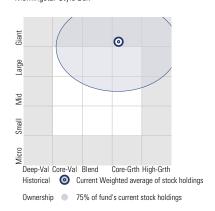


Morningstar Index **Morningstar Category** 

Diversified Emerging Mkts MSCI EM NR USD

### American Funds New World R6 RNWGX

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





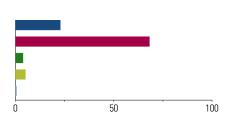


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2023



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

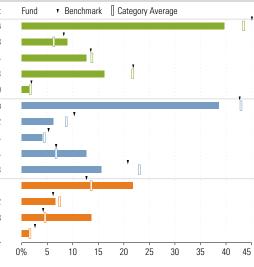
Asset Allocation as of 09-30-2023

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

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

Diversified Emerging Mkts

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



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

Top 10 Holdings as of 09-30-2023

25-50

50-75

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

#### Total Holdings 590

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

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### BlackRock High Yield Bond Instl BHYIX

#### Portfolio Manager(s)

Mitchell Garfin since 12-2009 Derek Schoenhofen since 12-2009 David Delbos since 12-2014

#### 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 13.76 years.

Style Consistency is not calculated for Fixed Income funds.

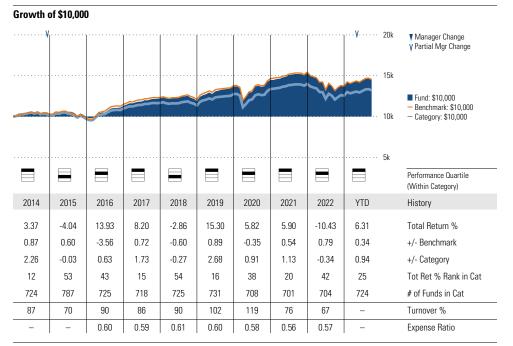
Net Expense: The fund's expense ratio of 0.6 is 32.58% lower than the High Yield Bond category average.

#### **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.

#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	2-Basic	02-15-2022

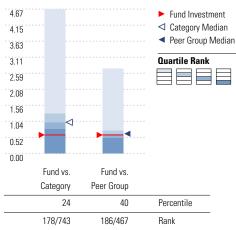


Morningstar Category

High Yield Bond

#### **Trailing Performance**





456	-	# of Funds in Category					
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		0.52	-	0.09			
Beta		1.00	-	0.90			
R-Squared		99.48	-	93.92			
Standard Devia	tion	8.15	8.13	7.53			
Sharpe Ratio		0.08	0.01	0.01			
Tracking Error		0.59	-	1.89			
Information Rat	tio	0.90	-	-0.23			
Up Capture Rat	io	102.16	-	90.23			
Down Capture	Ratio	96.90	-	89.28			

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.39	-	3.29
Avg Eff Maturity	5.43	-	4.97

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

ICE BofA US High Yield TR USD

### BlackRock High Yield Bond Instl BHYIX

### Style Analysis as of 09-30-2023





Duration

		· · · · · · · · · · · · · · · · · · ·	
-50	0	50	100

Cash Other	-5.97 6.08	3.17 1.50
Bonds	99.49	94.59
Non-US Stocks	0.00	0.13
US Stocks	0.41	0.60
Asset Class	Net %	Cat%

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

Asset Allocation as of 09-30-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	-	2.28
AA	0.00	-	0.12
A	0.52	-	0.35
BBB	7.13	-	6.05
BB	29.51	-	40.00
В	47.50	-	37.20
Below B	13.76	-	11.37
Not Rated	1.57	-	2.63

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	0.58	_	1.21	1		
Treasury	0.00	-	0.93	0		
Inflation – Protected	0.00	-	0.01	0		
Agency/Quasi Agency	0.02	-	0.02	0		
Other Government Related	0.56	-	0.25	0		
Corporate	89.92	-	90.77			[
Corporate Bond	81.47	-	87.93			
Bank Loan	8.09	-	2.42			
Convertible	0.36	-	0.39	0		
Preferred	0.00	-	0.03	0		
Securitized	0.19	-	1.17	1		
Agency MBS Pass-Through	0.00	-	0.03	0		
Agency MBS ARM	0.00	-	0.00	0		
Agency MBS CMO	0.00	-	0.06	0		
Non-Agency Residential MBS	0.00	-	0.07	0		
Commercial MBS	0.00	-	0.09	0		
Asset-Backed	0.19	-	0.92	0		
Covered Bond	0.00	-	0.00	1		
Municipal	0.00	-	0.03	[		
Cash & Equivalents	3.58	-	4.76			
Other	5.72	-	2.08			

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

#### Top 10 Holdings as of 09-30-2023

10p 10 Holdings d3 01 03 30 2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
祭 Cash Offset	-	7.50	7.50	_
BlackRock Liquidity T-Fund Instl	-	3.51	11.00	-
⊕ ICE: (CDX.NA.HY.40.V1)	06-2028	3.01	14.01	-
$\odot$ USD CASH(Committed)	09-2023	1.56	15.57	-
TransDigm, Inc.	03-2026	1.52	17.10	-
€ EUR/USD Purchased	09-2023	1.40	18.49	-
$\odot$ EUR/USD Purchased	09-2023	1.38	19.87	-
$\oplus$ iShares iBoxx \$ High Yield Corp Bd ETF	-	1.14	21.01	-
⊕ Tibco Software Inc	03-2029	0.87	21.88	-
Mauser Packaging Solutions Holding Company	08-2026	0.85	22.73	-

#### Total Holdings 1671

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category High Yield Bond

Morningstar Index ICE BofA US High Yield TR USD

### BlackRock Inflation Protected Bond Instl BPRIX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 6.63 years.

Style Consistency is not calculated for Fixed Income funds.

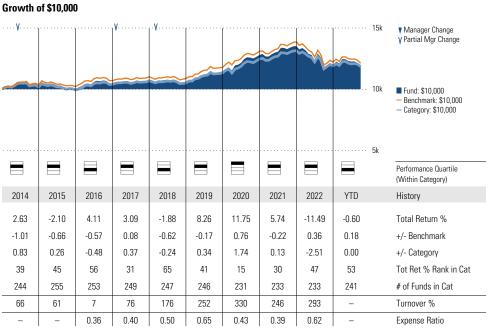
Net Expense: The fund's expense ratio of 0.56 is 9.68% lower than the Inflation-Protected Bond category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023

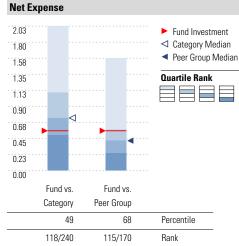


Morningstar Category

Inflation-Protected Bond



220



241

224

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

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

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

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244



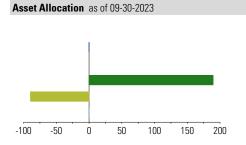
Morningstar Index Bloomberg US Treasury US TIPS TR

USD

### BlackRock Inflation Protected Bond Instl BPRIX

#### Style Analysis as of 09-30-2023





Sector Weighting as of 09-30-2023

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

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

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

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

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

#### Total Holdings 303

⊕ Increase ⊕ Decrease ☎ New to Portfolio

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Morningstar Index Bloomberg US Treasury US TIPS TR USD

#### **Morningstar Category** Inflation-Protected Bond

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

### BrandywineGLOBAL Global Opp Bond IS GOBSX

Portfolio Manager(s)

David Hoffman since 11-2006 Jack McIntyre since 02-2012 Anujeet Sareen since 01-2017 Tracy Chen since 12-2020 Brian Kloss since 12-2020

#### Quantitative Screens

*Performance:* The fund has finished in the Global Bond 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 16.92 years.

Style Consistency is not calculated for Fixed Income funds.

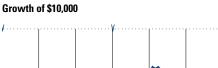
Net Expense: The fund's expense ratio of 0.56 is 36.36% lower than the Global Bond category average.

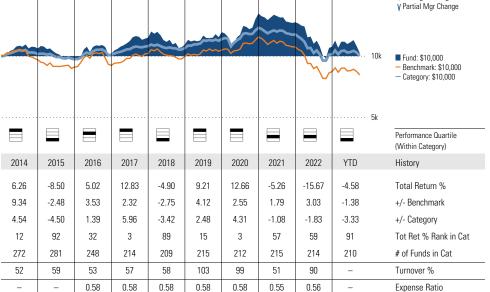
#### **Morningstar Investment Management LLC Analysis**

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	2	08-31-2023





Morningstar Category

Global 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.

Rank

63/147

Fund Bmark Cat Avg Eff Duration 8 34 6 1 9 Avg Eff Maturity 14.47 8.48

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42/213



Morningstar Index

15k

Bloomberg GbI Agg Ex USD TR USD

Vanager Change

### BrandywineGLOBAL Global Opp Bond IS GOBSX

#### Style Analysis as of 09-30-2023





0 50 100

Asset Class	Net %	Cat%
US Stocks	0.00	0.09
Non-US Stocks	0.00	0.07
Bonds	99.21	86.64
Cash	0.79	13.97
Other	0.00	-0.77
Total	100.00	100.00

**Morningstar Index** 

Bloomberg GbI Agg Ex USD TR USD

**Morningstar Category** 

Global Bond

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

Asset Allocation as of 09-30-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	49.45	-	29.67
AA	11.74	-	13.51
A	4.77	-	18.69
BBB	22.38	-	21.36
BB	11.34	-	7.78
В	0.15	-	3.36
Below B	0.00	-	0.88
Not Rated	0.17	-	4.75

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmar</li> </ul>	k 🛛 Cateo	gory Averag	ge	
Government	25.99	-	52.34						
Treasury	25.99	-	40.08				[		
Inflation – Protected	0.00	-	2.92						
Agency/Quasi Agency	0.00	-	3.12	1					
Other Government Related	0.00	_	6.22						
Corporate	3.83	-	16.37		[				
Corporate Bond	3.83	-	16.00		0				
Bank Loan	0.00	-	0.17	0					
Convertible	0.00	-	0.20	0					
Preferred	0.00	-	0.00						
Securitized	7.85	-	8.51						
Agency MBS Pass-Through	7.79	_	5.67						
Agency MBS ARM	0.00	_	0.00						
Agency MBS CMO	0.00	_	0.54	0					
Non-Agency Residential MBS	0.06	-	0.16						
Commercial MBS	0.00	-	0.30						
Asset-Backed	0.00	-	1.65						
Covered Bond	0.00	-	0.19	0					
Municipal	0.00	-	0.07	0					
Cash & Equivalents	1.21	-	12.75		1				
Other	61.12	-	9.97		0				
				0% 5	10 15 20	25 30	35 40	45 50	55 60 6

#### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
① Usd/Jpy Fwd 20230919 00187	09-2023	23.81	23.81	_
Jpy/Usd Fwd 20230919 00187 6	09-2023	22.97	46.79	-
⊕ Usd/Eur Fwd 20230804 00187	08-2023	18.80	65.58	-
⊕ Eur/Usd Fwd 20230804 00187	08-2023	18.54	84.12	-
⊕ Eur/Usd Fwd 20230804 00187	08-2023	16.07	100.19	-
Usd/Eur Fwd 20230804 00187	08-2023	15.80	115.99	_
$\oplus$ United States Treasury Notes 3.5%	02-2033	12.07	128.06	-
① Mxn/Usd Fwd 20230724 00418 -	07-2023	10.73	138.80	-
⊕ Gbp/Usd Fwd 20230901 00187	09-2023	10.35	149.15	-
🕀 Usd/Gbp Fwd 20230901 00187	09-2023	10.26	159.41	-

#### Total Holdings 114

🕀 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.

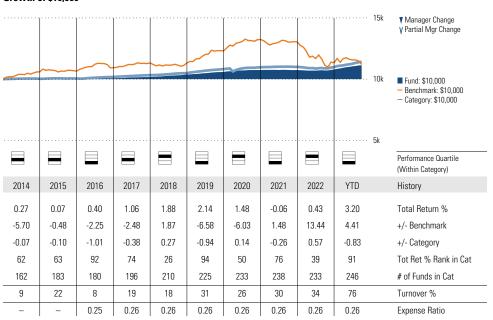
Management: The fund's management has been in place for 26.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is 38.1% lower than the Ultrashort Bond category average.

#### Morningstar Investment Management LLC Analysis

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

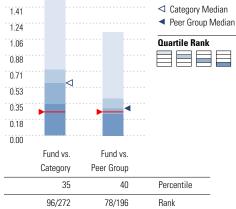


**Morningstar Category** 

Ultrashort Bond







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

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

 Fund
 Bmark
 Cat

 Avg Eff Duration
 0.48
 4.43
 0.70

 Avg Eff Maturity
 5.22
 1.94

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Morningstar Index

Bloomberg US Agg Bond TR USD



### Federated Hermes Govt Ultrashort IS FGUSX

#### Style Analysis as of 09-30-2023



Duration

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

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

Morningstar Index

Bloomberg US Agg Bond TR USD

Morningstar Category

Ultrashort Bond

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

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

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

#### Top 10 Holdings as of 09-30-2023

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

#### Total Holdings 193

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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### Invesco Oppenheimer International Gr Y OIGYX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 27.53 years.

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

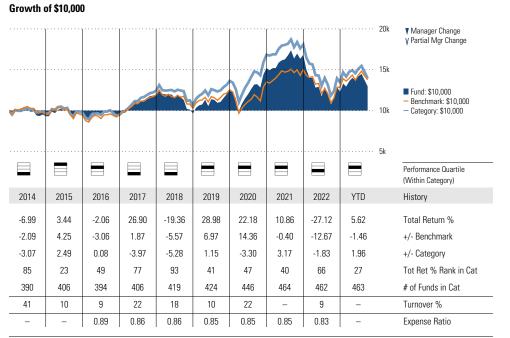
Net Expense: The fund's expense ratio of 0.83 is 19.42% lower than the Foreign Large Growth category average.

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

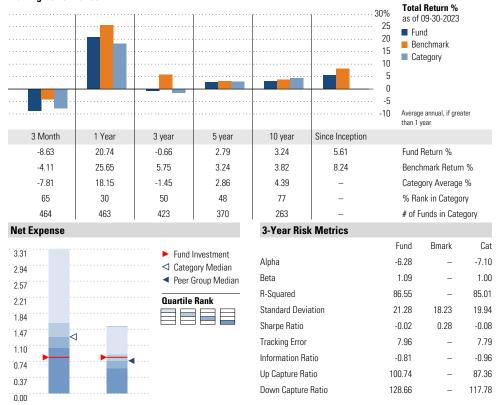
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022



#### **Trailing Performance**



**Portfolio Metrics** 

Price/Earnings Ratio

Geom Avg Mkt Cap \$B

Price/Book Ratio

ROE

#### 142/471 227/392 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.

58

Percentile

Fund vs

Peer Group

Mc

Fund

27 11

4.74

41.32

26.15

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Fund vs

Category

30



Bmark

13 87

1.69

47 39

18.84

Cat

22.08

3.45

61 22

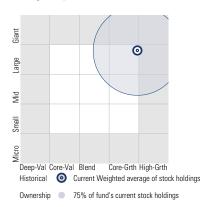
22.50

Morningstar Category Morningstar Index Foreign Large Growth

MSCI EAFE NR USD

### Invesco Oppenheimer International Gr Y OIGYX

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





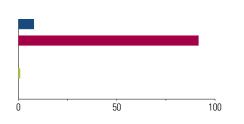


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2023

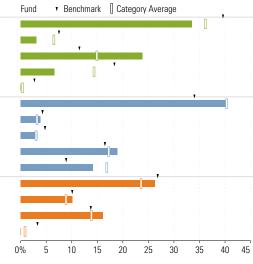


#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.48	39.46	36.15
æ.	Basic Materials	3.04	7.36	6.50
<b>~</b>	Consumer Cyclical	23.85	11.35	14.91
ц.	Financial Services	6.59	18.20	14.36
ŵ	Real Estate	0.00	2.55	0.38
w	Sensitive	40.30	33.86	40.29
	Communication Services	3.89	4.13	3.19
0	Energy	3.31	4.62	3.01
¢	Industrials	18.96	16.35	17.23
	Technology	14.14	8.76	16.86
	Defensive	26.24	26.68	23.57
F	Consumer Defensive	10.12	9.95	8.87
٠	Healthcare	16.12	13.58	13.85
9	Utilities	0.00	3.15	0.85

Asset Class	Net %	Cat%
US Stocks	7.75	7.23
Non-US Stocks	91.52	89.86
Bonds	0.00	0.04
Cash	0.73	2.25
Other	0.00	0.62
Total	100.00	100.00



	Greater Asia	Fund % 15.47	Cat % 27.04	Americas	Fund % 12.57	Cat % 14.91	Greater Europe	Fund % 71.98	Cat % 58.05	Market Maturity	Fund %
	Japan	7.61	11.60	North America	12.57	12.77	United Kingdom	25.46	12.35	Developed Markets	95.34
	Australasia	2.15	1.55	Central/Latin	0.00	2.14	W euro-ex UK	46.52	45.17	Emerging Markets	4.66
	Asia-4 Tigers	1.05	6.63				Emrgng Europe	0.00	0.04	Not Available	0.00
	Asia-ex 4 Tigers	4.66	7.26				Africa	0.00	0.49		
>75	Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Novo Nordisk A/S Class B	4.71	4.71	_	Healthcare
LVMH Moet Hennessy Louis Vuitton SE	3.61	8.32	-	Consumer Cyclical
Reliance Industries Ltd	3.07	11.40	-	Energy
Compass Group PLC	2.89	14.29	-	Consumer Cyclical
Epiroc Ab	2.86	17.15	-	_
London Stock Exchange Group PLC	2.75	19.91	-	Financial Services
ASML Holding NV	2.72	22.63	-	Technology
$\supset$ Hermes International SA	2.66	25.29	-	Consumer Cyclical
Flutter Entertainment PLC	2.58	27.87	-	Consumer Cyclical
Dollarama Inc	2.51	30.38	18.42	Consumer Defensive

#### Total Holdings 85

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

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Morningstar Category Morningstar Index

Foreign Large Growth MSCI EAFE NR USD

### PIMCO Commodity Real Return Strat I2 PCRPX

#### 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 4.92 years.

Style Consistency is not calculated for Fixed Income funds.

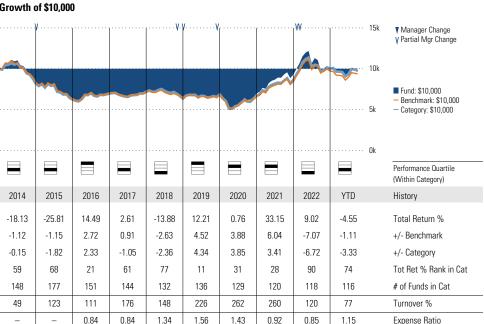
Net Expense: The fund's expense ratio of 1.09 is 3.81% higher than the Commodities Broad Basket category average.

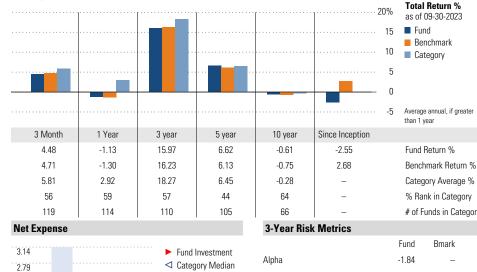
#### **Morningstar Investment Management LLC Analysis**

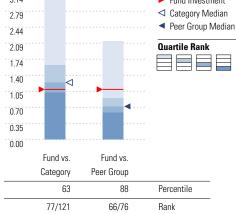
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### ESG Metrics

Metric Rating Updated Sustainability Rating 06-30-2023 3







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

Category Average % % Rank in Category # of Funds in Category Bmark Cat 1.67 Reta 0.99 1 1 2 96.43 R-Squared 87.55 Standard Deviation 18 28 15.98 16 87 Sharpe Ratio 0.79 0.89 0.92 Tracking Error 3.98 5.47 Information Ratio -0.07 0.11 Up Capture Ratio 107.41 101.07 Down Capture Ratio 115.53 93.74

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 12 27 7.93 Price/Book Ratio 3.56 1.87 Geom Avg Mkt Cap \$B 16 44 44 07 ROE 29.97 27.17

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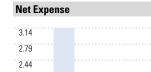
Morningstar Index

Morningstar Category Commodities Broad Basket

Bloomberg Commodity TR USD

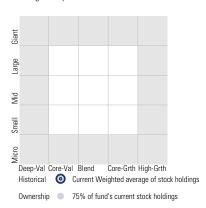
Growth of \$10,000 0.84 0.84 1.34 1.56 0.92 0.85 1.15 Expense Ratio

**Trailing Performance** 



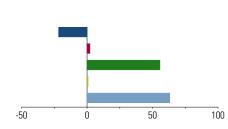
### PIMCO Commodity Real Return Strat I2 PCRPX

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



Large Mid

Small



Cash Other	0.80 63.09	45.59 15.59
Cash	0.80	45.59
Bonds	55.62	37.34
Non-US Stocks	2.21	0.76
US Stocks	-21.73	0.71
Asset Class	Net %	Cat%

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

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	▼ Be	enchmark	Cate	gory Av	verage			
Դ	Cyclical	-	_	44.68								[	
ŵ.	Basic Materials	-	-	44.68								0	
A	Consumer Cyclical	-	-	0.00	]								
ц <b>е</b>	Financial Services	-	-	0.00	0								
ħ	Real Estate	-	-	0.00	]								
w,	Sensitive	-	-	51.07									
đ	Communication Services	-	-	0.00									
0	Energy	-	-	48.94									0
₽	Industrials	-	-	2.13	0								
	Technology	-	-	0.00	1								
-	Defensive	-	-	4.26	[								
F	Consumer Defensive	-	-	4.26	0								
÷	Healthcare	-	_	0.00	]								
9	Utilities	-	-	0.00	[								
					0% 5	5 10	15 2	20 25	30	35	40	45	50 5

### Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Style Breakdown Equity

#### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Thai Union Group Public Company Limited Future Sept 23	26.06	26.06	_	_
⊖ Euro Schatz Future Sept 23	19.30	45.36	_	-
⊕ US 5 Year Note (CBT) Sept13	15.39	60.75	_	-
🕀 Pimco Cayman Cmdty Fd Ltd Instl	12.50	73.25	_	-
$\ominus$ United States Treasury Notes 0.125%	12.19	85.44	-	-
⊖ US 10 Year Note (CBT) Sept13	10.06	95.50	-	_
United States Treasury Notes 1.625%	9.81	105.30	_	-
$\ominus$ EUROPEAN MONETARY UNION EURO Purchased	9.56	114.86	_	-
igodot EUROPEAN MONETARY UNION EURO Sold	9.56	124.42	_	-
$\ominus$ US Treasury Bond Future Sept 23	9.16	133.59	-	-
⊕ TRS R 5.24/91282CDC2 MYC	9.16	142.75	-	-
$\oplus$ United States Treasury Notes 0.125%	8.66	151.41	-	-
⊕ TRS R 5.24/912828YL8 MYC	6.13	157.53	_	_
➔ TRS R 5.24/912828ZJ2 MYC	5.96	163.49	_	_
娄 Offset: Unsettled Trades	5.57	169.06	_	-

#### Total Holdings 802

🕀 Increase 👄 Decrease 🕸 New to Portfolio



**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 16.52 years.

Style Consistency is not calculated for Fixed Income funds.

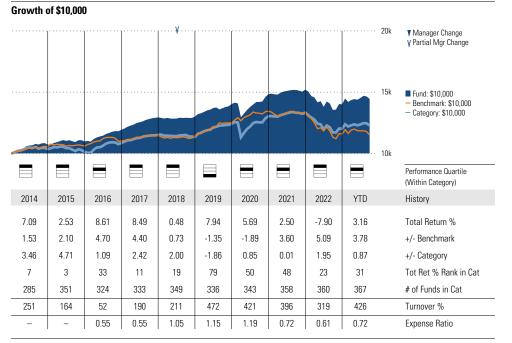
Net Expense: The fund's expense ratio of 0.72 is 26.53% lower than the Multisector Bond category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023



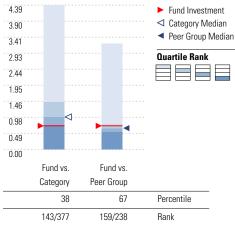
**Morningstar Category** 

Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD





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

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

109.14

Up Capture Ratio

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

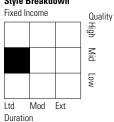
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92.20

### PIMCO Income I2 PONPX

#### Style Analysis as of 09-30-2023 Style Breakdown



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

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

**Morningstar Index** 

Bloomberg US Universal TR USD

Morningstar Category

Multisector Bond

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

Asset Allocation as of 09-30-2023

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

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

#### Top 10 Holdings as of 09-30-2023

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

#### Total Holdings 8508

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

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### Vanguard 500 Index Admiral VFIAX

#### Portfolio Manager(s)

Donald Butler since 04-2016 Michelle Louie since 11-2017 Nick Birkett since 08-2023 Aaron Choi since 08-2023

#### Quantitative Screens

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

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

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

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

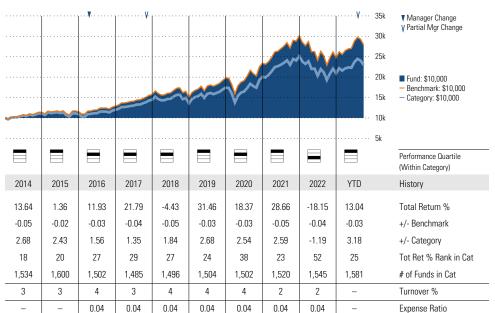
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

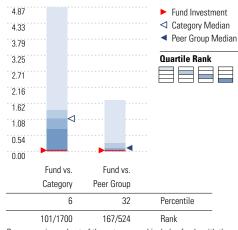
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Large Blend





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

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

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

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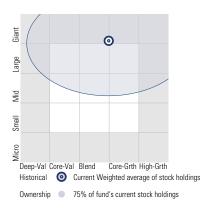


Morningstar Category Morningstar Index

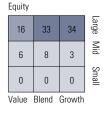
S&P 500 TR USD

### Vanguard 500 Index Admiral VFIAX

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







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

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

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

50

Fund

27.43

2.24

10.78

11.97

2.44

50.40

8.81

4.43

8.28

28 88

22.17

6.52

13.22

2.43

Bmark

27.45

2.23

10.77

12 01

2.44

50.38

8.81

4.42

8.29

28.86

22.17

6.53

13.21

2.43

100

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

#### Total Holdings 510

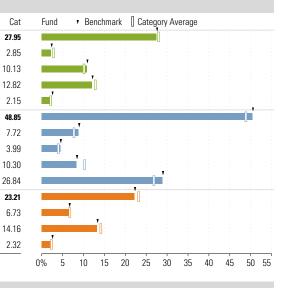
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



 Morningstar Category
 Morningstar Index

 Large Blend
 S&P 500 TR USD

Asset Class	Net %	Cat%
US Stocks	99.09	95.33
Non-US Stocks	0.54	2.48
Bonds	0.00	0.15
Cash	0.37	0.71
Other	0.00	1.34
Total	100.00	100.00



### Vanguard Developed Markets Index Admiral VTMGX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 10.61 years.

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

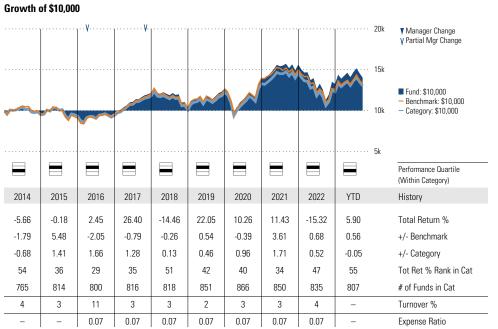
Net Expense: The fund's expense ratio of 0.07 is 91.95% lower than the Foreign Large Blend category average.

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

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

#### **ESG Metrics**

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



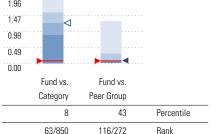
**Morningstar Category** 

Foreign Large Blend





ROE



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

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

16.69

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17.72

20.14

Morningstar Index

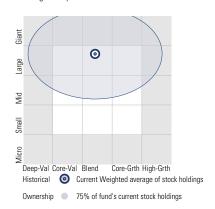
MSCI ACWI Ex USA NR USD

J4	30
765	814

#### **Trailing Performance**

### Vanguard Developed Markets Index Admiral VTMGX

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





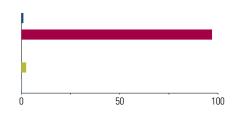


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2023

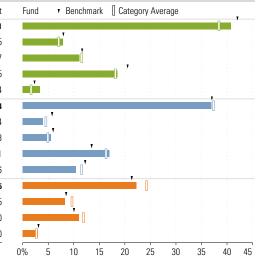


#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

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

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



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

Top 10 Holdings as of 09-30-2023

25-50

50-75

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

#### Total Holdings 4073

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

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Morningstar Category

Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

### Vanguard Interm-Term Bond Index Adm VBILX

Portfolio Manager(s)

Joshua Barrickman since 04-2008

#### **Quantitative Screens**

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

*Management:* The fund's management has been in place for 15.44 years.

Style Consistency is not calculated for Fixed Income funds.

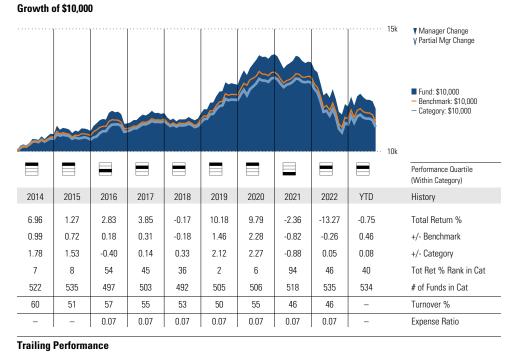
Net Expense: The fund's expense ratio of 0.07 is 87.04% lower than the Intermediate Core Bond category average.

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

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

#### **ESG Metrics**

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



Morningstar Category

Intermediate Core Bond



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

Rank

91/161

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

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Morningstar Index

Bloomberg US Agg Bond TR USD

### Vanguard Interm-Term Bond Index Adm VBILX

#### Style Analysis as of 09-30-2023



AAA AA А BBB

BB

В

Below B

Not Rated

Ltd Mod Ext Duration				0
				Sector Weig
Credit Rating Breakdown	Fund	Bmark	Cat	Government
AAA	58.76	3.53	56.04	Treasury Inflation – Prote
AA	2.49	74.59	8.35	Agency/Quasi A
A	17.64	10.82	17.35	5

8.32

0.28

0.00

0.00

2.46

15.53

1.06

0.38

0.18

1.11

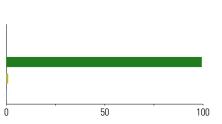
21.12

0.00

0.00

0.00

-0.01



#### ighting as of 09-30-2023

Asset Allocation as of 09-30-2023

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

#### Top 10 Holdings as of 09-30-2023

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

#### Total Holdings 2153

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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

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

### Vanguard International Value Inv VTRIX

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

#### **Quantitative Screens**

Shirley Woo since 10-2020

*Q Performance:* The fund has finished in the Foreign Large Value 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 13.35 years.

× Style: The fund has landed in its primary style box — Large Value - 41.67 % of the time over the past three years.

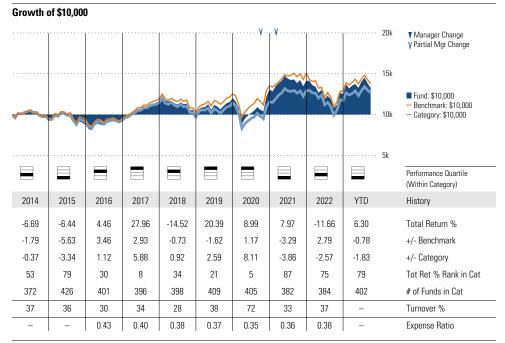
Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

#### **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.

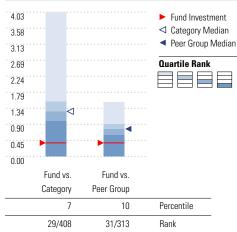
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022



#### **Trailing Performance**





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

**3-Year Risk Metrics** Fund **Bmark** Cat Alpha 1.95 3.13 1.03 0.99 Beta 91.86 R-Squared 89.42 Standard Deviation 19.53 18 23 19 11 Sharpe Ratio 0.37 0 28 0 43 Tracking Error 5 59 6.38 Information Ratio 0.37 0.49 Up Capture Ratio 103.77 103.27 Down Capture Ratio 95.95 91.00

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 13.59 13 87 10.37 Price/Book Ratio 1.75 1.69 1.28 Geom Avg Mkt Cap \$B 32.88 47 39 36.88 ROE 16.60 18.84 15.89

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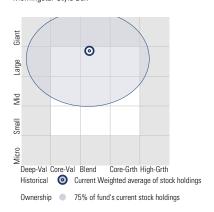


**Morningstar Category** Morningstar Index Foreign Large Value

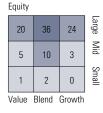
MSCI EAFE NR USD

### Vanguard International Value Inv VTRIX

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







Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2023



50

100

Bmark

39.46

7.36

11.35

18 20

2.55

33.86

4.13

4.62

16.35

8.76

26.68

9.95

13.58

3.15

Fund

42.65

10.36

17.03

14.39

0.87

40.83

4.93

5.83

18.89

11.18

16.51

6.36

7.86

2.29

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

0

Դ Cyclical

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A

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Energy

¢

F

Utilities

Net %	Cat%
5.12	3.43
90.05	94.75
0.00	0.04
4.45	1.54
0.38	0.22
100.00	100.00
	5.12 90.05 0.00 4.45 0.38

#### Benchmark [] Category Average Cat Fund 42.56 8.52 10.95 21.92 1.17 35.22 5.17 7.93 15.02 V 7.10 22.22 8.66 9.76 3.80 0% 10 15 20 25 30 35 40 45 5

4		Greater Asia	Fund % 39.15	Cat % 30.58	Americas	Fund % 12.07	Cat % 9.36	Greater Europe	Fund % 48.77	Cat % 60.05	Market Maturity	Fund %
		Japan	12.25	16.72	North America	7.96	8.12	United Kingdom	14.74	17.06	Developed Markets	81.22
		Australasia	0.57	3.68	Central/Latin	4.11	1.24	W euro-ex UK	33.73	42.12	Emerging Markets	18.78
		Asia-4 Tigers	11.87	7.21				Emrgng Europe	0.00	0.11	Not Available	0.00
		Asia-ex 4 Tigers	14.46	2.97				Africa	0.30	0.76		
		Not Classified	0.00	0.00								
>7	5											

Top 10 Holdings as of 09-30-2023

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.70	3.70	_	_
Alibaba Group Holding Ltd Ordinary Shares	1.82	5.52	-	Consumer Cyclical
$\ni$ HSBC Holdings PLC	1.63	7.15	-	Financial Services
$\ni$ Holcim Ltd	1.53	8.68	-	Basic Materials
⇒ Airbus SE	1.50	10.18	-	Industrials
AIA Group Ltd	1.48	11.67	-	Financial Services
BP PLC	1.47	13.14	-	Energy
€ Ryanair Holdings PLC ADR	1.39	14.53	30.03	Industrials
€ Roche Holding AG	1.31	15.84	-	Healthcare
🕀 Taiwan Semiconductor Manufacturing Co Ltd	1.30	17.14	_	Technology

#### Total Holdings 229

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category

Morningstar Index Foreign Large Value MSCI EAFE NR USD

### Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

#### Portfolio Manager(s)

Walter Nejman since 02-2022 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 Moderately Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.

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

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

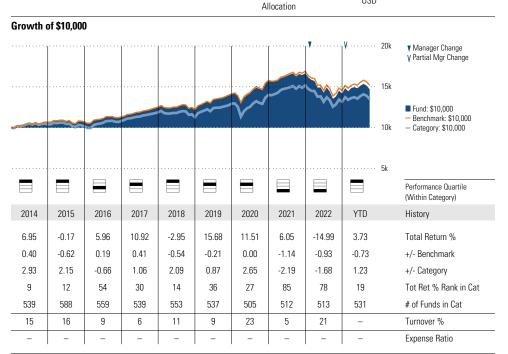
Net Expense: The fund's expense ratio of 0.12 is 86.96% lower than the Moderately Conservative Allocation category average.

#### Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	07-19-2023



Morningstar Category Moderately Conservative



**Portfolio Metrics** 

Price/Earnings Ratio

Price/Book Ratio

Avg Eff Duration

#### 6/539 12/413 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

Percentile

Fund vs.

Peer Group

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Fund vs.

Category

1



Bmark

18.48

2.73

6.12

Cat

18.93

3.00

5.29

Fund

17.13

2.36

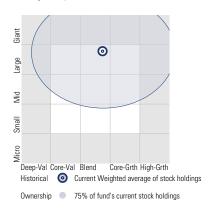
6.73

Morningstar Index

Morningstar US Mod Con Tgt Alloc NR USD

### Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

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



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

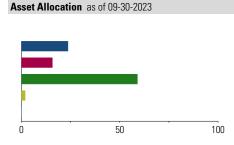
Fixed Income

Quality

High

Mid

Low



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

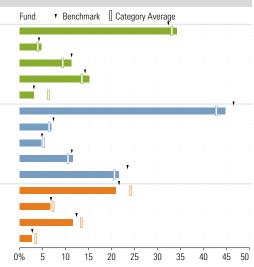
36	cion wergining as on o	9-30-2023		
		Fund	Bmark	Cat
Դ	Cyclical	34.25	32.18	33.08
æ.	Basic Materials	4.73	4.05	3.94
	Consumer Cyclical	11.27	11.13	9.36
ц.	Financial Services	15.13	14.06	13.53
ŵ	Real Estate	3.12	2.94	6.25
₩ <b>r</b>	Sensitive	44.79	46.36	42.76
đ	Communication Services	6.95	7.20	6.39
0	Energy	4.73	4.69	5.24
¢	Industrials	11.55	11.18	10.51
	Technology	21.56	23.29	20.62
	Defensive	20.97	21.45	24.16
F	Consumer Defensive	6.69	6.66	7.26
٠	Healthcare	11.57	12.21	13.39
9	Utilities	2.71	2.58	3.51

#### USD Allocation Asset Class Net % Cat% US Stocks 23.59 27.62 Non-US Stocks 15.66 7.35 58.93 Bonds 54.81 Cash 1.79 4.91 Other 0.03 5.32 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Mod Con Tgt Alloc NR

Morningstar Category Moderately Conservative



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

Blend Growth

Style Breakdown

Equity

18 30 26

6 8

2 3 2

Value

Weight %

Total Holdings 6					
⊖ Us Dollar	-	0.01	100.00	-	-
∋ Mktliq 12/31/2049	-	0.77	99.99	-	_
$\ni$ Vanguard Total Intl Stock Index Inv	-	16.03	99.22	-	-
$\ni$ Vanguard Total Intl Bd II Idx Investor	-	18.11	83.20	-	-
i  Vanguard Total Stock Mkt ldx Inv	-	23.72	65.08	-	-
🕑 Vanguard Total Bond Market II Idx Inv	-	41.37	41.37	-	_
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
lop 6 Holdings as of 09-30-2023					

🕀 Increase 👄 Decrease 🗱 New to Portfolio

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### Vanguard LifeStrategy Growth Inv VASGX

#### Portfolio Manager(s)

Walter Nejman since 02-2022 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 Moderately Aggressive Allocation category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

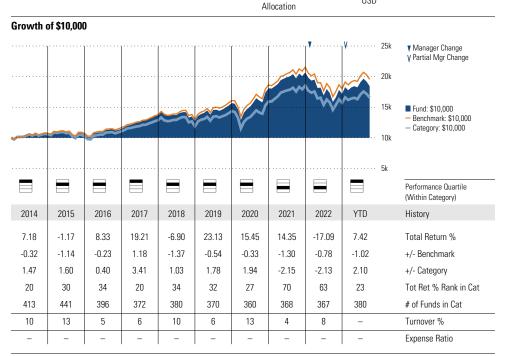
Net Expense: The fund's expense ratio of 0.14 is 85.71% lower than the Moderately Aggressive Allocation category average.

#### Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

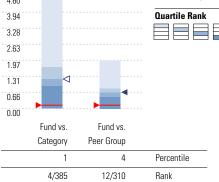
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022



Morningstar Category Moderately Aggressive

#### **Trailing Performance Total Return %** 20% as of 09-30-2023 Fund 15 Benchmark 10 Category 5 Λ -5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception -3.40 16.25 4.63 5.36 7 00 7.68 Fund Return % Benchmark Return % -2.87 16.80 5.44 6.18 7.62 5.70 -3.09 13.30 5.42 4.63 6.21 Category Average % % Rank in Category 51 19 58 30 28 381 380 351 328 252 # of Funds in Category **3-Year Risk Metrics** Net Expense Fund Bmark 5.91 Fund Investment Alnha -0.88 5 25 Beta 1.03 Peer Group Median 4.60 **R**-Squared 99.33 \_ Quartile Rank 3.94



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 -0.16 0.98 93 44 Standard Deviation 14.69 14.26 14.65 Sharpe Ratio 0.24 0.30 0 27 Tracking Error 1 26 3 38 Information Ratio -0 64 -0 24 Up Capture Ratio 100.79 98.61 105.27 Down Capture Ratio 100.10 **Portfolio Metrics** Fund Bmark Cat 39

Price/Earnings Ratio	17.24	18.62	18.69
Price/Book Ratio	2.39	2.77	2.79
Avg Eff Duration	6.73	6.12	5.34

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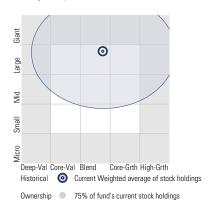


Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

### Vanguard LifeStrategy Growth Inv VASGX

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



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

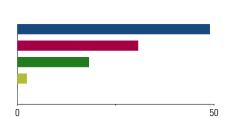
Fixed Income

Quality

High

Mid

Low



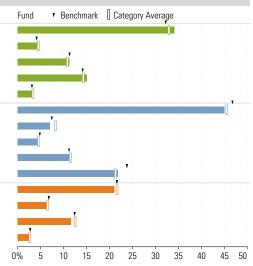
#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		00 2020		
		Fund	Bmark	Cat
Դ	Cyclical	34.06	32.03	32.90
<b>.</b>	Basic Materials	4.65	3.97	4.48
4	Consumer Cyclical	11.25	11.13	10.82
<b>H</b>	Financial Services	15.03	13.98	14.28
ŵ	Real Estate	3.13	2.95	3.32
W#	Sensitive	44.97	46.55	45.49
d	Communication Services	7.00	7.27	8.20
0	Energy	4.70	4.66	4.55
٥	Industrials	11.49	11.02	11.46
	Technology	21.78	23.60	21.28
-	Defensive	20.99	21.43	21.61
F	Consumer Defensive	6.67	6.62	6.48
٠	Healthcare	11.63	12.24	12.49
2	Utilities	2.69	2.57	2.64

#### Allocation Asset Class Net % Cat% US Stocks 48.89 57.18 Non-US Stocks 30.64 17.72 Bonds 18.12 15.43 Cash 2.30 4.27 Other 0.04 5.39 Total 100.00 100.00

Morningstar Category Moderately Aggressive



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

Blend Growth

Style Breakdown

Equity

18 30 26

6 8

2 3 2

Value

Weight %

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
					5
i  Vanguard Total Stock Mkt ldx Inv	-	49.17	49.17	-	-
Vanguard Total Intl Stock Index Inv	-	31.35	80.52	-	-
m lacksim Vanguard Total Bond Market II Idx Inv	-	12.72	93.24	-	-
m lacksim Vanguard Total Intl Bd II Idx Investor	-	5.57	98.81	-	-
∋ Mktliq 12/31/2049	-	1.17	99.98	-	-
∋ Us Dollar	_	0.02	100.00	_	_

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

### Vanguard LifeStrategy Income Inv VASIX

Growth of \$10,000

Portfolio Manager(s)

Walter Nejman since 02-2022
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 Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.

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

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

Net Expense: The fund's expense ratio of 0.11 is 88.54% lower than the Conservative Allocation category average.

#### Morningstar Investment Management LLC Analysis

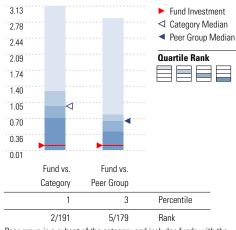
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	07-19-2023

											15k	
		~~~			~						10k	Fund: \$10,000 - Benchmark: \$10,000
ve ars											TUK	— Category: \$10,000
											5k	
ı in												Performance Quartile (Within Category)
	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD		History
	6.76	0.22	4.58	6.98	-1.05	12.05	9.13	1.92	-13.93	1.84		Total Return %
Irs.	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.13	-1.69	-0.91	-0.85		+/- Benchmark
	3.22	2.29	-0.97	0.73	2.09	0.85	1.84	-3.12	-3.09	0.62		+/- Category
	4	8	65	49	11	35	27	90	85	41		Tot Ret % Rank in Cat
	197	209	199	174	175	173	167	179	182	179		# of Funds in Cat
	12	14	4	4	9	6	17	7	26	-		Turnover %
	-	-	-	-	-	-	-	-	-	-		Expense Ratio
:	Trailing	Performa	ance									





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 -1.19 0.25 0.95 Beta 1 00 **R-Squared** 98.83 91.34 Standard Deviation 746 7 38 7 39 Sharpe Ratio -0.58 -0.42 -0.38 Tracking Error 0.81 2.19 Information Ratio -1.45 0.08 Up Capture Ratio 92.78 97.33 Down Capture Ratio 104.85 95.01

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.11	18.68	18.97
Price/Book Ratio	2.36	2.79	2.96
Avg Eff Duration	6.73	6.12	4.80

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Morningstar Category Morningstar Index

20k

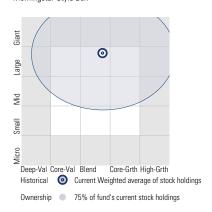
Conservative Allocation

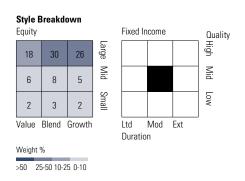
Morningstar US Con Tgt Alloc NR USD

▼ Manager Change V Partial Mgr Change

### Vanguard LifeStrategy Income Inv VASIX

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





## 

Bmark

31.96

3.93

11.12

13.97

2.94

46.52

7.23

4.66

11.03

23.60

21.53

6.65

12.30

2.58

Fund

34.25

4.73

11.28

15 12

3.12

44 80

6.96

4.73

11.59

21.52

20.94

6.70

11.54

2.70

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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 11.56 9.96 Non-US Stocks 7.74 2.56 Bonds 79.04 71.06 Cash 1.64 9.92 0.02 Other 6.49 Total 100.00 100.00

#### Benchmark [] Category Average Cat Fund 31.30 3.58 9.50 12.77 5.45 44.47 6.70 5.92 10.59 21.26 24.22 7.17 13.16 3.89 0% 10 15 20 25 30 35 40 45 50 5

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

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	55.72	55.72	_	_
-	24.05	79.77	_	-
-	11.62	91.39	_	-
-	7.92	99.31	_	-
-	0.67	99.98	-	-
-	0.02	100.00	-	-
		- 55.72 - 24.05 - 11.62 - 7.92 - 0.67	- 55.72 55.72 - 24.05 79.77 - 11.62 91.39 - 7.92 99.31 - 0.67 99.98	- 55.72 55.72 - - 24.05 79.77 - - 11.62 91.39 - - 7.92 99.31 - - 0.67 99.98 -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Mo

Conservative Allocation Mor

Morningstar Index

Morningstar US Con Tgt Alloc NR USD

Metric

### Vanguard LifeStrategy Moderate Gr Inv VSMGX

Morningstar Category

Morningstar US Mod Tgt Alloc NR USD

Cat

-0.04

0.98

94.16

12 24

0.16

2.86

-0.13

99.51

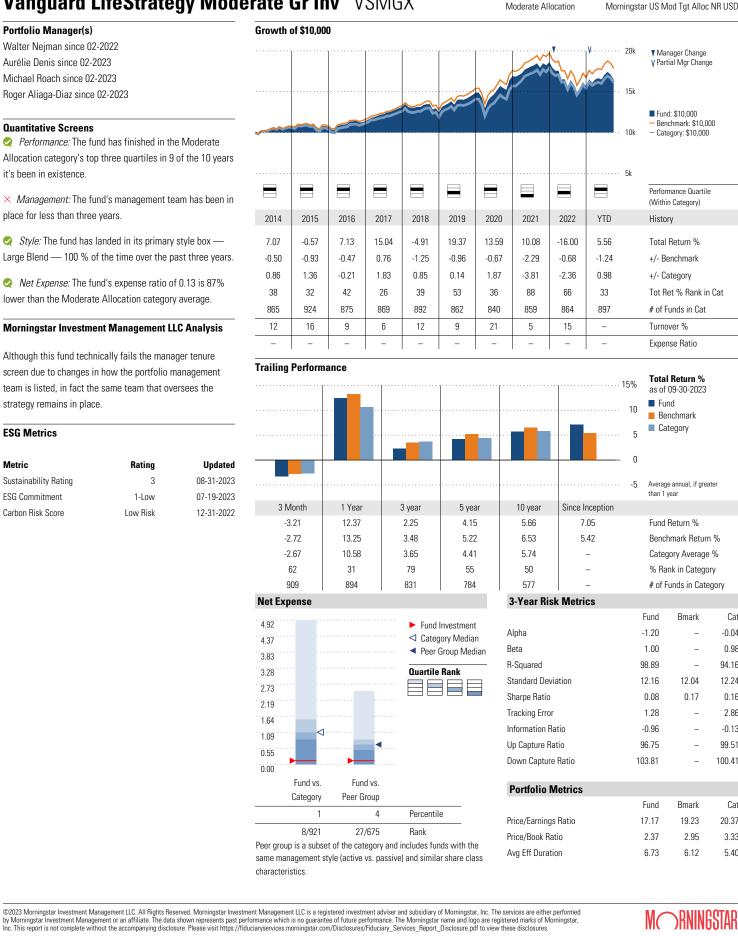
100.41

Cat

20.37

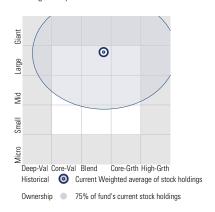
3.33

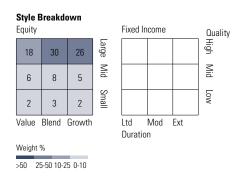
5 40



### Vanguard LifeStrategy Moderate Gr Inv VSMGX

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





# 

Bmark

31.19

3.60

11.11

13 54

2.94

47.30

7.43

4.60

10.65

24.62

21.51

6.50

12.47

2.54

Fund

34.19

4.70

11.26

15 10

3.13

44 85

6.97

4.71

11.53

21.64

20.97

6.68

11.60

2.69

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Other	0.04	3.49
Cash	1.97	3.72
Bonds	38.40	34.67
Non-US Stocks	23.45	10.07
US Stocks	36.14	48.05
Asset Class	Net %	Cat%

#### Benchmark [] Category Average Cat Fund 29.77 3.66 i i i 10.33 13.53 2.25 45.97 7.43 4.63 10.79 23.12 24.27 6.76 14.52 2.99 0% 10 15 20 25 30 35 40 45 50 5

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

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
-	36.34	36.34	_	_
-	27.02	63.37	-	-
-	24.00	87.37	-	-
-	11.73	99.10	-	-
-	0.90	100.00	-	-
_	0.00	100.00	_	-
		- 36.34 - 27.02 - 24.00 - 11.73 - 0.90	- 36.34 36.34 - 27.02 63.37 - 24.00 87.37 - 11.73 99.10 - 0.90 100.00	- 36.34 36.34 - - 27.02 63.37 - - 24.00 87.37 - - 11.73 99.10 - - 0.90 100.00 -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar CategoryMModerate AllocationM

Morningstar Index Morningstar US Mod Tgt Alloc NR USD

## Vanguard Mid-Cap Growth Index Admiral VMGMX

Portfolio Manager(s)

Donald Butler since 02-2013 Awais Khan since 07-2021 Aurélie Denis since 02-2023 Aaron Choi since 08-2023

#### Quantitative Screens

*Performance:* The fund has finished in the Mid-Cap 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 10.61 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 0.07 is 93.4% lower than the Mid-Cap Growth category average.

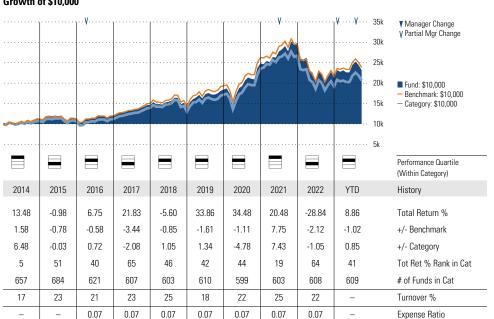
#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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





Morningstar Category

Mid-Cap 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.

Cat -1.41 0.98 98.39 R-Squared 90.19 Standard Deviation 21.38 21 11 22.04 Sharpe Ratio 0.16 0 13 0.07 Tracking Error 2.71 6.86 Information Ratio 0.23 -0.38 Up Capture Ratio 103.31 96.49 Down Capture Ratio 101.25 102.58

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 25.91 26 49 27.73 Price/Book Ratio 4.89 7.98 5.01 Geom Avg Mkt Cap \$B 27 25 21 22 20.35 ROE 17.37 22.49 15.69

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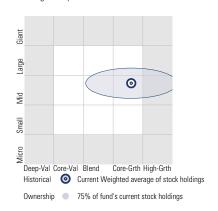


Morningstar Index

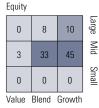
Russell Mid Cap Growth TR USD

## Vanguard Mid-Cap Growth Index Admiral VMGMX

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







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Amphenol Corp Class A	1.70	1.70	11.14	Technology
	1.54	3.24	6.66	Technology
🕀 TransDigm Group Inc	1.52	4.76	33.90	Industrials
➔ Arista Networks Inc	1.46	6.22	51.57	Technology
onumber  onumber	1.45	7.67	12.74	Technology
🕀 Cintas Corp	1.41	9.08	7.32	Industrials
🕀 Hess Corp	1.38	10.46	8.81	Energy
ON Semiconductor Corp	1.37	11.83	49.03	Technology
m left Old Dominion Freight Line Inc Ordinary Shares	1.36	13.20	44.60	Industrials
	1.34	14.54	11.19	Financial Services
€ IQVIA Holdings Inc	1.34	15.87	-3.97	Healthcare
➔ Welltower Inc	1.33	17.20	27.77	Real Estate
€ DexCom Inc	1.27	18.47	-17.61	Healthcare
🕀 Copart Inc	1.24	19.71	41.53	Industrials
🕀 Realty Income Corp	1.22	20.93	-17.66	Real Estate

#### Total Holdings 165

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

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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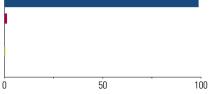
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Energy

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F

Utilities



Fund

25.34

3.22

9.47

5.99

6.66

58.13

5.07

6.68

16.59

29.79

16.51

1.71

14.80

0.00

Bmark

23.46

0.90

12.36

8 56

1.64

52.20

3.54

4.19

18.06

26.41

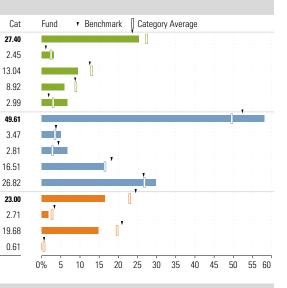
24.35

3.14

0.44

20.77

#### Asset Class Net % Cat% US Stocks 98.64 93.49 Non-US Stocks 1.14 4.04 Bonds 0.00 0.11 Cash 0.22 1.74 0.00 Other 0.64 Total 100.00 100.00





Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

## Vanguard Mid-Cap Value Index Admiral VMVAX

Portfolio Manager(s)

Donald Butler since 08-2006 Awais Khan since 07-2021 Aurélie Denis since 02-2023 Aaron Choi since 08-2023

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 17.13 years.

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

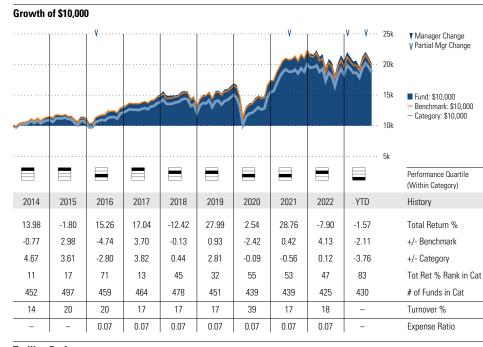
Net Expense: The fund's expense ratio of 0.07 is
 92.78% lower than the Mid-Cap Value category average.

#### 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	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Mid-Cap Value



3.14			Fund Investment
2.79			Category Median
2.44			Peer Group Median
2.09			Quartile Rank
1.74			
1.40		••••••	
1.05		••••••	
0.70	• • • • •	••••••	
0.35	• • • • •	••••••	
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	3	6	Percentile
	10/437	2/39	Rank
Poor group	ie a cubeot	of the category a	nd includes funds with the

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

Cat 2.65 Beta 0.98 0.96 98.69 **R-Squared** 94.38 Standard Deviation 19 22 19.86 19.94 Sharpe Ratio 0.54 0 52 0.63 Tracking Error 2 32 4.81 Information Ratio 0.14 0.55 Up Capture Ratio 98.13 100.27 Down Capture Ratio 96.15 90.56

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 16 14 15.63 14 80 Price/Book Ratio 2.08 2.12 1.91 Geom Avg Mkt Cap \$B 22 72 17 17 13.33 ROE 17.07 13.69 14.35

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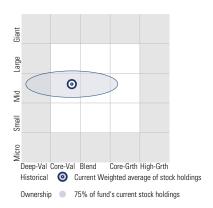


Morningstar Index

Russell Mid Cap Value TR USD

## Vanguard Mid-Cap Value Index Admiral VMVAX

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





Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Arthur J. Gallagher & Co	1.52	1.52	21.77	Financial Services
e Carrier Global Corp Ordinary Shares	1.48	3.01	34.72	Industrials
∋ Nucor Corp	1.34	4.34	19.78	Basic Materials
⇒ PACCAR Inc	1.33	5.67	30.02	Industrials
$\ominus$ Digital Realty Trust Inc	1.19	6.85	24.34	Real Estate
⊖ PG&E Corp	1.18	8.04	-0.80	Utilities
$\ni$ Baker Hughes Co Class A	1.13	9.17	21.57	Energy
$\ni$ D.R. Horton Inc	1.13	10.30	21.40	Consumer Cyclical
$\ni$ Rockwell Automation Inc	1.11	11.40	12.36	Industrials
$ igoperatorname{3}$ Ameriprise Financial Inc	1.09	12.49	7.15	Financial Services
⊖ Corteva Inc	1.05	13.54	-12.18	Basic Materials
⊖ Centene Corp	1.04	14.59	-16.01	Healthcare
ightarrow Global Payments Inc	1.02	15.61	16.94	Industrials
ightarrow Ferguson PLC	1.02	16.63	-	Industrials
⇒ United Rentals Inc	1.01	17.65	26.33	Industrials

#### Total Holdings 195

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

50

Fund

44.10

6.34

9.35

17.89

10.52

28.55

2.61

3.18

15.12

7.64

27.35

6.15

8.57

12.63

Bmark

41.67

6.29

10.23

14 59

10.56

39.91

3.59

5.64

18.32

12.36

18.41

3.76

7.48

7.17

100

Cat

40.33

5.17

11.91

17 12

6.13

36.95

3.15

5.73

17.63

10.44

22.70

6.52

9.81

6.37

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Asset Class	Net %	Cat%
US Stocks	97.94	90.26
Non-US Stocks	1.61	7.17
Bonds	0.00	0.01
Cash	0.45	2.08
Other	0.00	0.49
Total	100.00	100.00

Morningstar Index

Russell Mid Cap Value TR USD

Morningstar Category

Mid-Cap Value

# Fund • Benchmark [] Category Average

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## Vanguard Real Estate Index Admiral VGSLX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

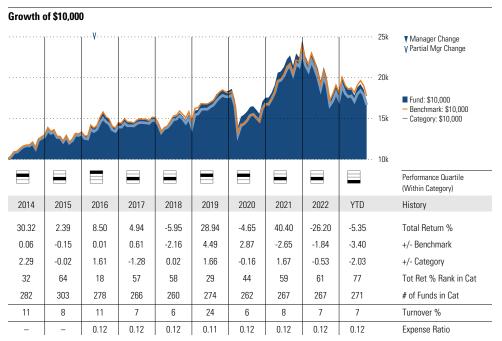
Net Expense: The fund's expense ratio of 0.12 is 88.79% lower than the Real Estate category average.

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

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

#### **ESG Metrics**

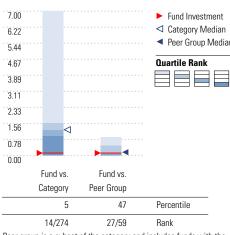
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Real Estate





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

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

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

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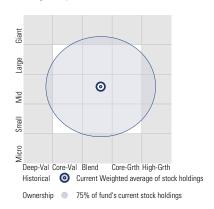


Morningstar Index

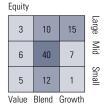
S&P United States REIT TR USD

## Vanguard Real Estate Index Admiral VGSLX

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







## We >50

#### Т

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

#### Total Holdings 165

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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

100

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

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

0

50

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

<sup>)0</sup> 



## Vanguard Small Cap Growth Index Admiral VSGAX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

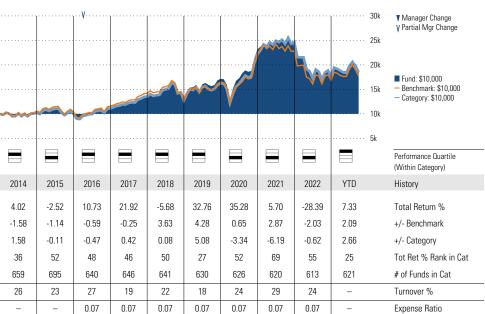
Net Expense: The fund's expense ratio of 0.07 is 93.97% lower than the Small Growth category average.

#### Morningstar Investment Management LLC Analysis

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

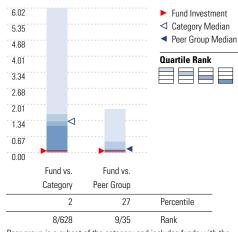
#### **ESG Metrics**

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









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

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

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

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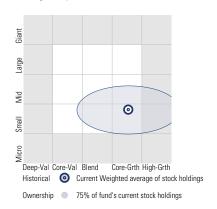


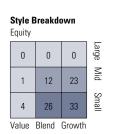
Morningstar Category Morningstar Index Small Growth

Russell 2000 Growth TR USD

## Vanguard Small Cap Growth Index Admiral VSGAX

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







>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

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

#### Total Holdings 652

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

0 50 100

Fund

24.12

2.30

12.40

3.72

5.70

53.05

2.74

5.43

17.34

27 54

22.84

3.94

18.20

0.70

Bmark

21.85

4.54

10.51

5 1 9

1.61

49.92

1.93

5.13

18.17

24 69

28.21

4.71

21.89

1.61

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

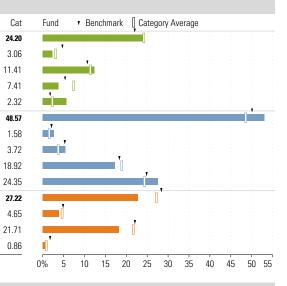
Technology

Defensive

Healthcare

**Consumer Defensive** 

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





Morningstar Category

Morningstar Index Russell 2000 Growth TR USD

Asset Allocation as of 09-30-2023

## Vanguard Small Cap Value Index Admiral VSIAX

Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

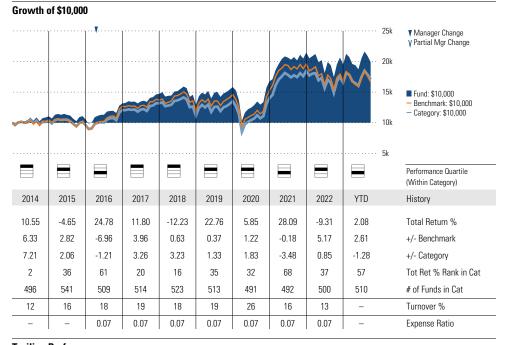
Net Expense: The fund's expense ratio of 0.07 is 93.75% lower than the Small Value category average.

#### Morningstar Investment Management LLC Analysis

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

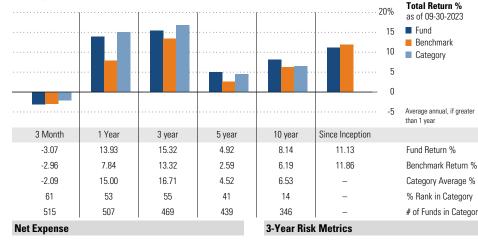
#### **ESG Metrics**

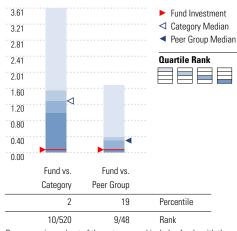
Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Small Value







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

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

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

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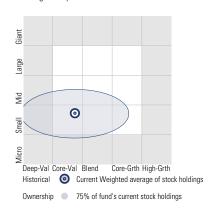


Morningstar Category Morningstar Index

Russell 2000 Value TR USD

## Vanguard Small Cap Value Index Admiral VSIAX

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







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

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

#### Total Holdings 855

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

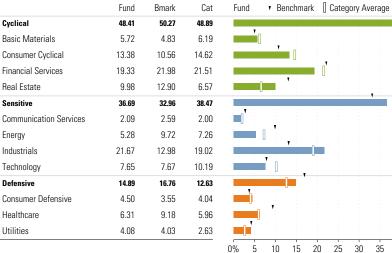
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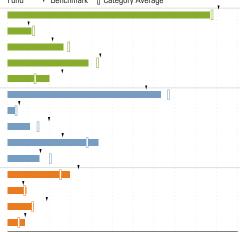
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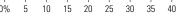
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Asset Class Net % Cat% US Stocks 98.26 93.12 Non-US Stocks 0.79 3.32 Bonds 0.00 0.04 Cash 0.95 3.43 0.00 Other 0.09 Total 100.00 100.00



100





Russell 2000 Value TR USD

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

0

Դ Cyclical

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Energy

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Utilities 50

Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

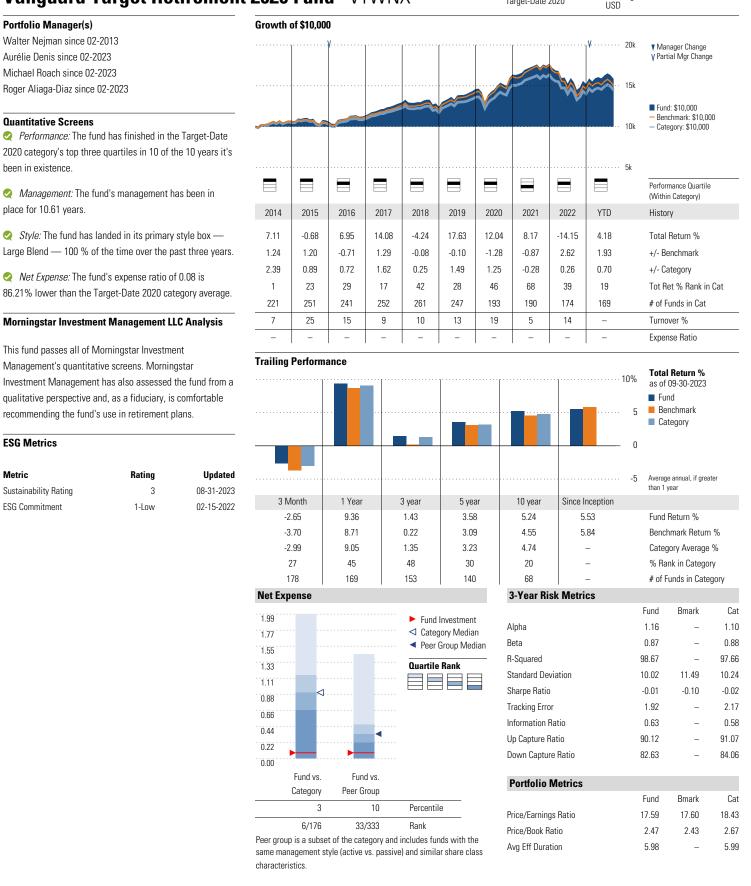
ESG Commitment

Metric

Aurélie Denis since 02-2023

## Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category Target-Date 2020



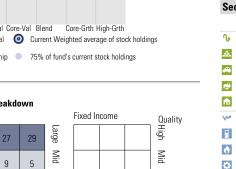
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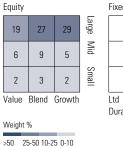
## Vanguard Target Retirement 2020 Fund VTWNX

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

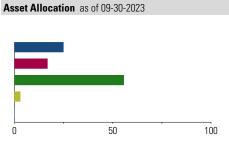




#### Style Breakdown



## Low Mod Ext Duration



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

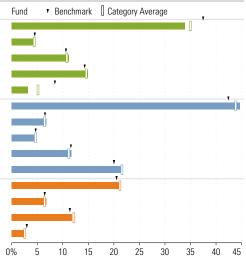
**Morningstar Category** 

Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

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

		Fund	Bmark	Cat	Fund • Be
Դ	Cyclical	33.91	37.33	34.97	
ŵ.	Basic Materials	4.66	4.38	4.41	
A	Consumer Cyclical	11.20	10.48	10.80	
¢,	Financial Services	14.91	14.15	14.61	
ŵ	Real Estate	3.14	8.32	5.15	
w	Sensitive	44.71	42.27	43.84	
đ	Communication Services	6.78	6.38	6.45	)
0	Energy	4.58	4.56	4.63	
٥	Industrials	11.66	11.45	11.18	
	Technology	21.69	19.88	21.58	
<b>→</b>	Defensive	21.38	20.39	21.18	
F	Consumer Defensive	6.81	6.32	6.45	]
٠	Healthcare	11.82	11.25	12.17	
2	Utilities	2.75	2.82	2.56	
					0// 5 4



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

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

#### Total Holdings 7

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



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

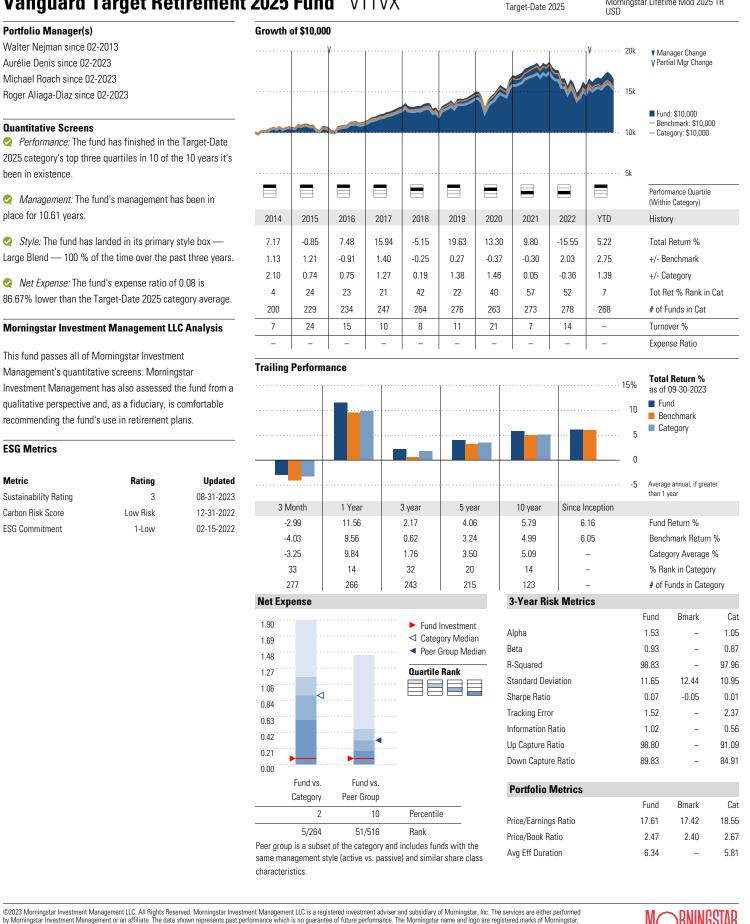
Carbon Risk Score

ESG Commitment

Metric

## Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category

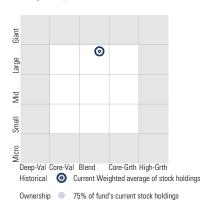


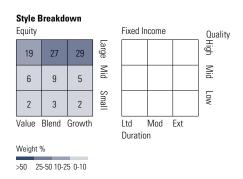
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## Vanguard Target Retirement 2025 Fund VTTVX

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





# 

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

Morningstar Category

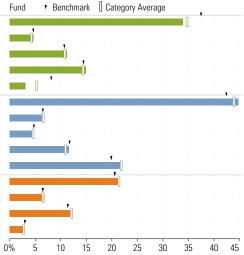
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

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

Asset Allocation as of 09-30-2023

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



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	32.66	32.66	_	_
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	27.46	60.13	_	-
$igodoldsymbol{ imes}$ Vanguard Total Intl Stock Index Inv	-	22.26	82.39	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	11.98	94.37	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	4.46	98.83	-	_
⊖ Mktliq 12/31/2049	-	1.17	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	_	-

#### Total Holdings 7

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



## Vanguard Target Retirement 2030 Fund VTHRX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 10.61 years.

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

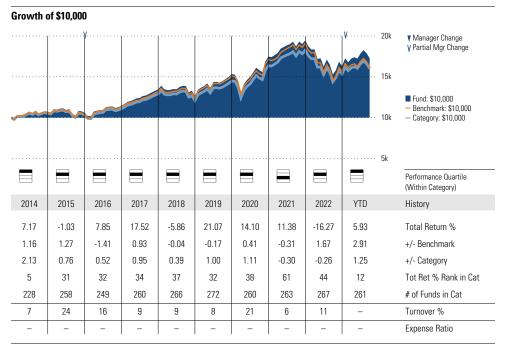
Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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

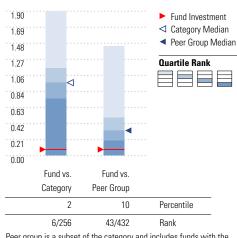


Morningstar Category

Target-Date 2030







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

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

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

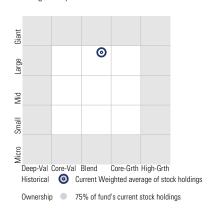
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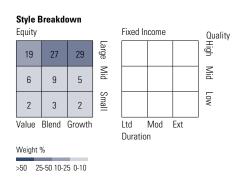


Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Vanguard Target Retirement 2030 Fund VTHRX

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





# 

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

Morningstar Category

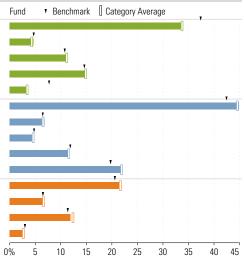
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

Portfolio Manager(s)

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

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2035 category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 10.61 years.

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

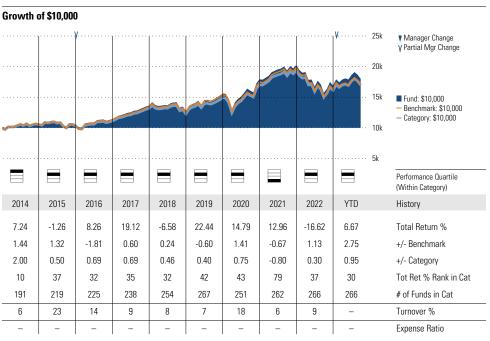
Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2035 category average.

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

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

#### **ESG Metrics**

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



Morningstar Category

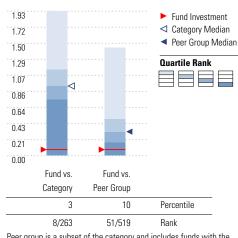
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR

USD

#### Trailing Performance





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

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

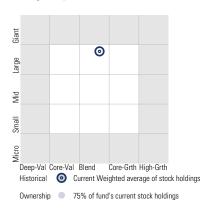
Portfolio Metrics				
	Fund	Bmark	Cat	
Price/Earnings Ratio	17.70	17.07	18.50	
Price/Book Ratio	2.50	2.34	2.71	
Avg Eff Duration	6.73	-	6.11	

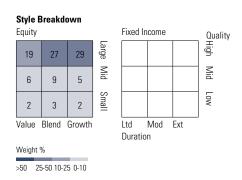
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## Vanguard Target Retirement 2035 Fund VTTHX

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





# 

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

Morningstar Category

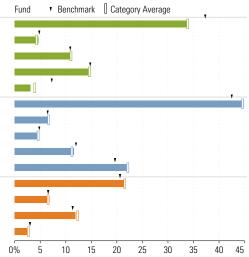
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



## Vanguard Target Retirement 2040 Fund VFORX

.....

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

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2040 category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 10.61 years.

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

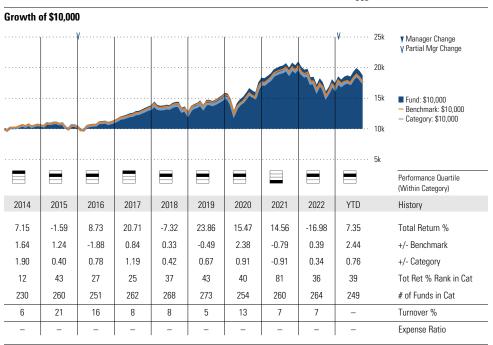
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2040 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

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



Morningstar Category

Target-Date 2040

#### **Trailing Performance**



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation

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

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

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

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Fund

0.44

0.94

99.00

14 68

0.25

1.79

0.12

95.53

93.64

Bmark

15.62

0.23

Cat

0.45

0.95

98.40

14 97

0.25

2.19

0.20

97.38

95.57

Cat

18.51

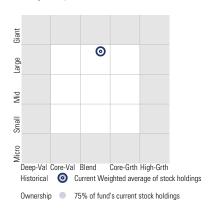
2.74

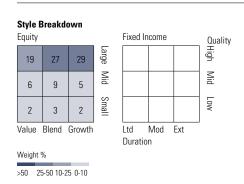
611

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

## Vanguard Target Retirement 2040 Fund VFORX

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





# 

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

Morningstar Category

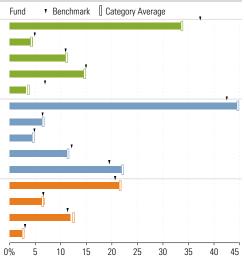
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

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

Asset Allocation as of 09-30-2023

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



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

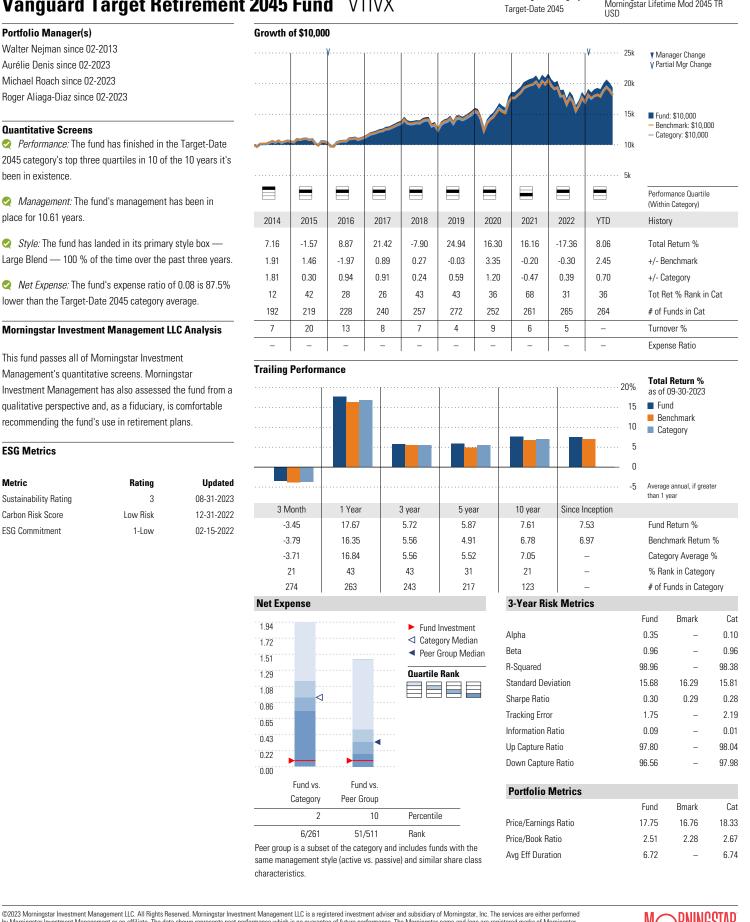
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	47.71	47.71	_	_
$\ominus$ Vanguard Total Intl Stock Index Inv	-	30.44	78.16	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	14.69	92.85	_	-
$\oplus$ Vanguard Total Intl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

#### Total Holdings 6



## Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category



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

#### Quantitative Screens

Portfolio Manager(s)

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

Management: The fund's management has been in place for 10.61 years.

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

Net Expense: The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2045 category average.

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

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

#### **ESG Metrics**

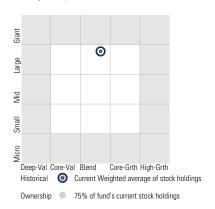
Metric	Rating	Update
Sustainability Rating	3	08-31-20
Carbon Risk Score	Low Risk	12-31-20
ESG Commitment	1-Low	02-15-20

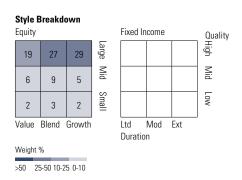
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## Vanguard Target Retirement 2045 Fund VTIVX

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





## 

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

Morningstar Category

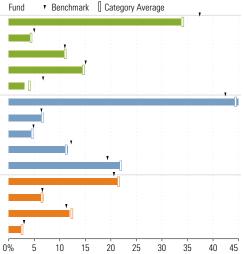
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

Carbon Risk Score

ESG Commitment

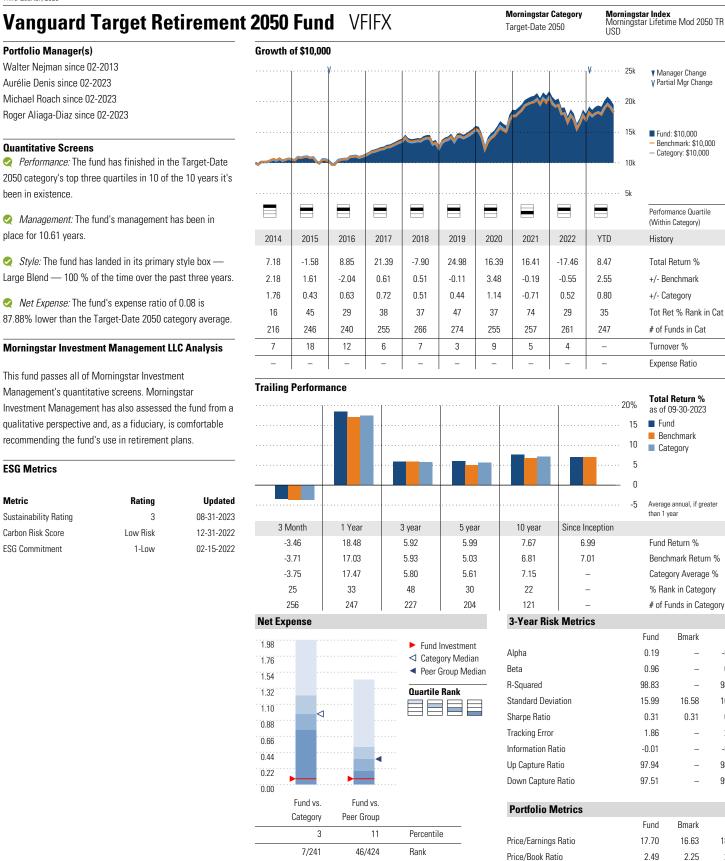
Metric

Walter Nejman since 02-2013

Roger Aliaga-Diaz since 02-2023

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

## Vanguard Target Retirement 2050 Fund VFIFX



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

Avg Eff Duration

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671

Cat

-0.06

0.97

98.24

16 20

0.29

2.24

-0.09

98.54

99.27

Cat

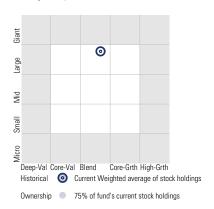
18.33

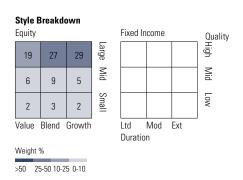
2.67

6.59

## Vanguard Target Retirement 2050 Fund VFIFX

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





## 

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

Morningstar Category

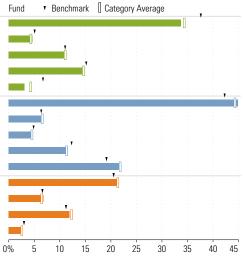
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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## Vanguard Target Retirement 2055 Fund VFFVX

Portfolio Manager(s)

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

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 10.61 years.

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

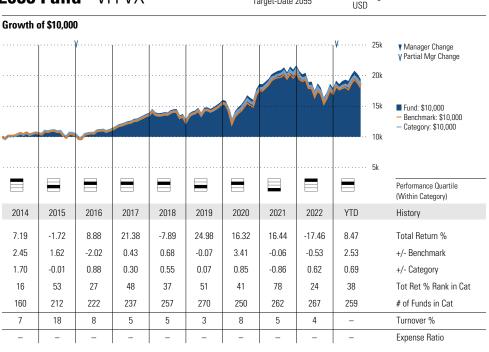
Net Expense: The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2055 category average.

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

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

#### **ESG Metrics**

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



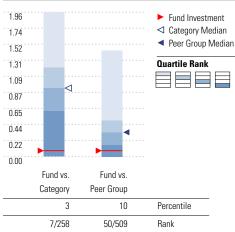
Morningstar Category

Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR

#### 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 0.18 0.03 0.95 0.97 Beta 98.79 **R-Squared** 98.19 Standard Deviation 15.99 16 66 16.37 Sharpe Ratio 0.31 0.31 0.30 Tracking Error 1.92 2.24 Information Ratio -0.02 -0.04 Up Capture Ratio 97.64 99.47 Down Capture Ratio 97.27 99.88

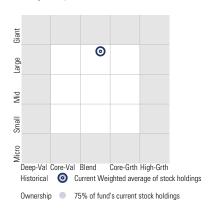
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.65	16.51	18.11
Price/Book Ratio	2.48	2.22	2.65
Avg Eff Duration	6.71	-	7.49

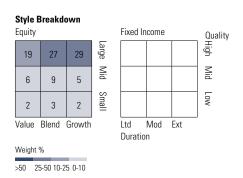
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## Vanguard Target Retirement 2055 Fund VFFVX

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





## 

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

Morningstar Category

Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

30 35 40 45

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

Asset Allocation as of 09-30-2023

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

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

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

#### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

Portfolio Manager(s)

Walter 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 10.61 years.

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

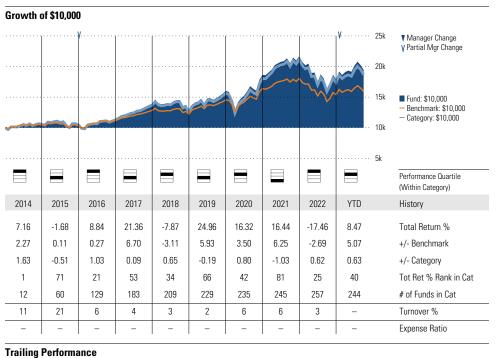
Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

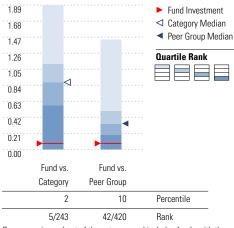
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2060





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 3.12 3.10 1.32 Beta 1 29 98.50 **R-Squared** 97.20 12.30 Standard Deviation 15.97 16 42 Sharpe Ratio 0.31 0.08 0.30 Tracking Error 4.06 4.78 Information Ratio 0.89 0.75 Up Capture Ratio 141.38 144.61 Down Capture Ratio 124.11 127.71

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

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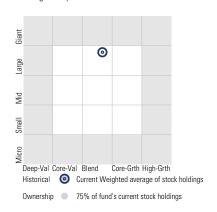


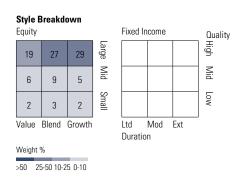
Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2060 Fund VTTSX

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





## 

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

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

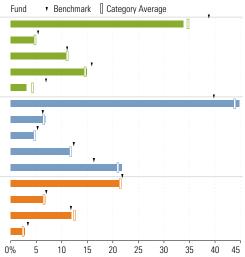
Morningstar Category

Target-Date 2060

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

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



## Vanguard Target Retirement 2065 Fund VLXVX

Growth of \$10,000

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

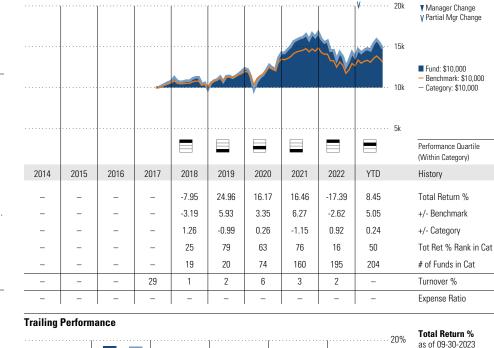
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2065+ category average.

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

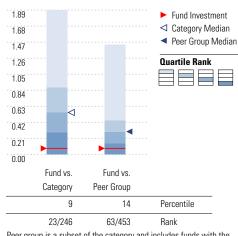
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

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







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

-	- 1	Category Average %				
-	-	% Rank in Category				
-	-	# of	Funds in Ca	tegory		
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		3.14	-	2.96		
Beta		1.29	-	1.34		
R-Squared		98.48	-	97.56		
Standard Devia	tion	15.98	12.30	16.70		
Sharpe Ratio		0.31	0.08	0.30		
Tracking Error		4.07	-	4.95		
Information Rat	io	0.89	-	0.70		
Up Capture Rat	io	141.53	-	146.28		
Down Capture I	Ratio	124.16	-	130.15		

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

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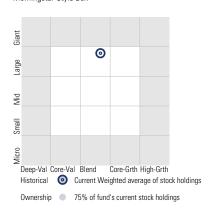


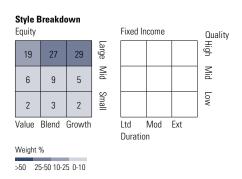
Morningstar Category Morningstar Index Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2065 Fund VLXVX

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





## 

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

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

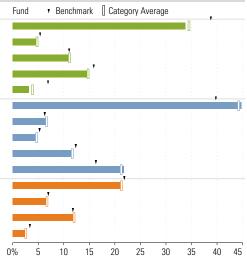
Morningstar Category

Target-Date 2065+

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

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.85	38.65	34.51
æ.	Basic Materials	4.64	5.23	4.77
4	Consumer Cyclical	11.19	10.91	11.11
ц <b>р</b>	Financial Services	14.88	15.73	14.75
ŵ	Real Estate	3.14	6.78	3.88
w,	Sensitive	44.78	39.63	44.22
đ	Communication Services	6.80	6.14	6.64
•	Energy	4.59	5.13	4.66
¢	Industrials	11.63	12.21	11.67
	Technology	21.76	16.15	21.25
<b>→</b>	Defensive	21.38	21.71	21.29
	Consumer Defensive	6.79	6.83	6.71
٠	Healthcare	11.84	11.65	12.01
9	Utilities	2.75	3.23	2.57



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

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.27	53.27	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.95	89.22	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.79	96.01	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.66	98.68	-	-
① Mktliq 12/31/2049	-	1.23	99.91	-	_
🕀 Us Dollar	_	0.09	100.00	-	-

#### Total Holdings 6



## Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category** 

**Morningstar Index** NЛ

Vanguard T	•														
Portfolio Manager(s)			Growth	of \$10,000											
Walter Nejman since 06-2 Aurélie Denis since 02-20 Michael Roach since 02-2 Roger Aliaga-Diaz since 0	23 2023							[					γPa	lanager Change artial Mgr Chan	
<b>Quantitative Screens</b> The Performance screen is less than three years of da		nds with									~~~~		— B	ınd: \$10,000 enchmark: \$10, ategory: \$10,00	
× Management: The fun place for less than three y		n has been in												ormance Quarti hin Category)	le
Style: The fund has la	Inded in its primary st	vle box —	2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	Hist	ory	
Large Blend — 100 % of			_	_	_	_	_	_	_	_	_	8.49	Tota	al Return %	
Not Europeou The function	d'a average ratio of 0	00 :-	_	-	_	_	-	-	-	_	-	5.09	+/-	Benchmark	
Net Expense: The fun 86.67% lower than the Ta			-	-	-	-	-	-	-	-	-	0.28	+/-	Category	
average.		gory	-	-	_	-	-	-	-	-	-	45	Tot	Ret % Rank i	n Cat
			_	-	-	-	-	-	-	-	-	204	# of	Funds in Cat	
Morningstar Investmen	t Management LLC	Analysis	_	-	-	-	-	-	-	-	44	-		nover %	
This fund fails the manage	er tenure screen due t	to a limited	-	-	-	-	-	-	-	-	-	-	Exp	ense Ratio	
history for this target-date			Trailing	Performa	ince										
ESG Metrics													20% as o 15 ■ F	<b>al Return %</b> of 09-30-2023 und Benchmark	1
Metric	Rating	Updated			·				••••••				10	ategory	
Sustainability Rating	3	08-31-2023										•••••	5		
Carbon Risk Score	Low Risk	12-31-2022											0		
														age annual, if gre	eater
			3 N	lonth	1 Year		3 year	5 ye	ar	10 year	Since I	nception	than	1 year	
				8.47	18.49		_	-		_		.57	Fun	d Return %	
			-3	8.29	11.43		2.30	3.9	8	5.24	5	.88	Ben	chmark Retu	m %
				8.77	18.36		6.13	5.7	9	-		-		egory Averag	
				23	52		-	-		-		-		lank in Categ	
			Net Exp	35	186	1	-	-	1	- 3-Year Ri	1	-	# 01	Funds in Cat	egory
				101130						J-Teat III	SK WCUI	63	Fund	Bmark	(
			1.89					Investmen gory Media		Alpha			_	_	2.
			1.68 1.47					Group Media		Beta			-	-	1.
			1.47				Quartile	Rank		R-Squared			-	-	97.
			1.05							Standard De			-	12.30	16.
			0.84							Sharpe Ratio			-	0.08	0.
			0.63							Tracking Erro			_	_	4. 0.
			0.42			-				Up Capture I			_	_	146.
			0.21		<b>&gt;</b>	_				Down Captu			_	_	130.
			0.00	Fund vs.	Fun	d vs.									
				Category	Peer G					Portfolio	Metrics		Fund	Dmork	(
				9		14	Percenti	le		Price/Earnin	as Ratio		Fund 17.66	Bmark 16.40	( 17.
				23/246		/453	Rank			Price/Book F	•		2.48	2.18	2.
				o is a subset agement st stics.		• •				Avg Eff Dura			6.73	_	6
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Cat

2.96 1.34

97.56

16.70

0.30 4.95

0.70

146.28

130.15

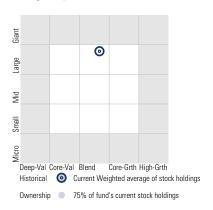
Cat 17.76

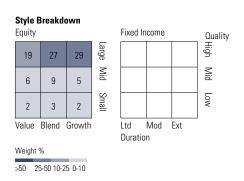
2.52

6.43

## Vanguard Target Retirement 2070 Fund VSVNX

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





## 

Asset Class	Net %	Cat%
US Stocks	53.31	48.27
Non-US Stocks	34.81	32.03
Bonds	9.82	6.73
Cash	2.01	1.80
Other	0.05	11.18
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Morningstar Category

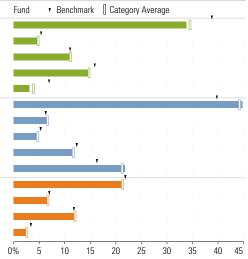
Target-Date 2065+

0

## Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

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



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

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

#### Total Holdings 6



average.

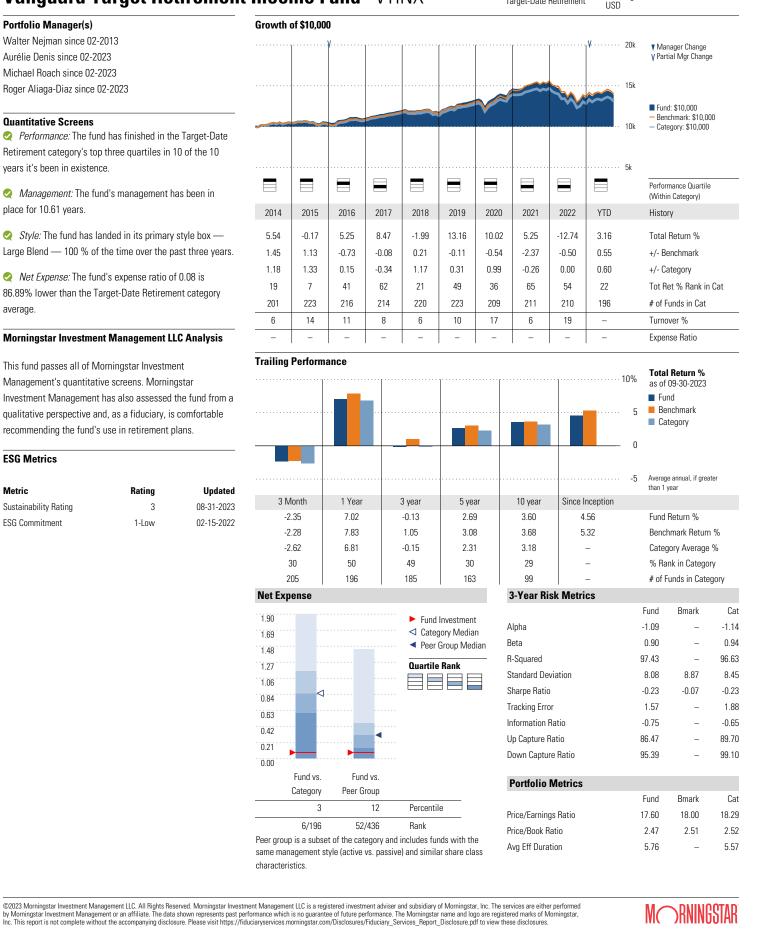
**ESG Metrics** 

Metric

## Vanguard Target Retirement Income Fund VTINX

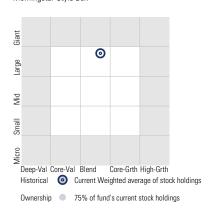
Morningstar Category Target-Date Retirement

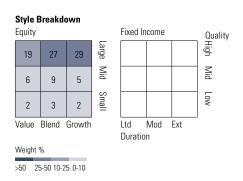
Morningstar Index Morningstar Lifetime Mod Incm TR



## Vanguard Target Retirement Income Fund VTINX

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





## 

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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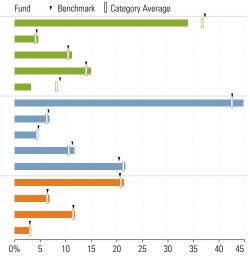
Other	0.02	13.34
Cash	3.11	3.88
Bonds	66.91	52.99
Non-US Stocks	11.99	9.84
US Stocks	17.95	19.96
Asset Class	Net %	Cat%

**Morningstar Category** 

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

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



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

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

#### Total Holdings 7

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

