### American Century Diversified Bond R6 ADDVX

Portfolio Manager(s) Jeffrey Houston since 12-2001 Robert Gahagan since 12-2002 Charles Tan since 10-2018 Peter Van Gelderen since 06-2021

Jason Greenblath since 08-2021

#### Quantitative Screens

*Performance:* The fund has finished in the Intermediate Core Bond category's top three quartiles in 7 of the 8 years it's been in existence.

Management: The fund's management has been in place for 20.09 years.

Style Consistency is not calculated for Fixed Income funds.

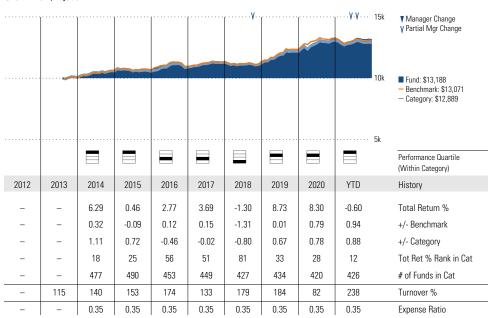
Net Expense: The fund's expense ratio of 0.35 is 40.68% lower than the Intermediate Core Bond category average.

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

Morningstar Investment Management has 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	11-30-2021





Fund Investment Category Median

Quartile Rank

Percentile

Rank

Peer Group Median

#### **3-Year Risk Metrics**

	Fund	Bmark	Cat
Alpha	0.34	-	0.04
Beta	1.05	-	1.01
R-Squared	93.81	-	84.77
Standard Deviation	3.69	3.40	3.75
Sharpe Ratio	1.24	1.18	1.09
Tracking Error	0.93	-	1.45
Information Ratio	0.64	-	-0.09
Up Capture Ratio	110.41	-	104.26
Down Capture Ratio	106.97	-	109.91

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.51	4.43	6.27
Avg Eff Maturity	8.80	-	7.77

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

39

Fund vs Peer Group

143/369

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Fund vs

Category 25

110/447

4.62

4.1

3.59 3.08

2.57 2.05 1.54 1.03 0.51 0.00



Morningstar Category Morningstar Index

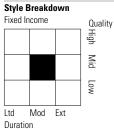
Intermediate Core Bond

BBgBarc US Agg Bond TR USD

Growth of \$10,000

### American Century Diversified Bond R6 ADDVX

#### Style Analysis as of 12-31-2021



0 50 100

Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	98.32	95.78
Cash	0.28	1.97
Other	1.40	2.20
Total	100.00	100.00

#### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	48.13	3.53	46.66
AA	7.80	74.59	11.82
A	13.32	10.82	22.68
BBB	22.60	8.32	15.84
BB	1.96	0.28	1.55
В	0.17	0.00	0.51
Below B	0.00	0.00	0.23
Not Rated	6.03	2.46	0.72

	Fund	Bmark	Cat	Fund	<ul> <li>Bench</li> </ul>	nmark	Categ	ory Avera	ge	
Government	41.02	-	30.55			-	-		0	
Treasury	28.80	_	24.84				:	0		
Inflation – Protected	0.81	-	1.50							
Agency/Quasi Agency	1.12	_	1.23							
Other Government Related	10.29	_	2.98	]						
Corporate	25.70	-	26.86							
Corporate Bond	24.22	-	25.66							
Bank Loan	0.24	-	0.06	0						
Convertible	1.24	-	1.11							
Preferred	0.00	_	0.03	ĺ.						
Securitized	31.06	-	32.19							
Agency MBS Pass-Through	10.27	-	21.27				[			
Agency MBS ARM	0.00	_	0.05							
Agency MBS CMO	1.56	-	3.75							
Non-Agency Residential MBS	2.88	-	0.24							
Commercial MBS	2.23	-	1.28							
Asset-Backed	14.12	-	5.60		0					
Covered Bond	0.00	_	0.00	0						
Municipal	1.65	-	0.84							
Cash & Equivalents	0.58	-	7.18							
Other	0.00	-	2.41	i [						

#### Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
	03-2022	4.62	4.62	_
⊕ United States Treasury Notes 0.75%	11-2024	3.96	8.59	-
⊕ United States Treasury Notes 1%	12-2024	2.35	10.93	-
⊕ United States Treasury Notes 1.5%	11-2028	2.12	13.05	-
⊖ United States Treasury Notes 0.375%	04-2024	2.09	15.14	-
⊕ United States Treasury Bonds 2%	08-2051	2.06	17.19	_
United States Treasury Bonds 3.375%	11-2048	2.00	19.19	_
United States Treasury Notes 0.125%	08-2023	1.91	21.10	-
$\odot$ United States Treasury Notes 0.625%	03-2027	1.81	22.91	_
United States Treasury Notes 0.5%	08-2027	1.43	24.34	-

#### Total Holdings 592

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Intermediate Core Bond

Morningstar Index BBgBarc US Agg Bond TR USD

### American Funds Capital Income Bldr R6 RIRGX

Portfolio Manager(s)

James Lovelace since 01-1992 Joyce Gordon since 01-2000 David Hoag since 01-2004 Winnie Kwan since 01-2007 Steven Watson since 01-2007 Bradley Vogt since 01-2009 Alfonso Barroso since 01-2010 Grant Cambridge since 01-2013 Philip Winston since 01-2014 Fergus MacDonald since 01-2015 Aline Avzaradel since 01-2021 Caroline Randall since 01-2021

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 30.02 years.

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

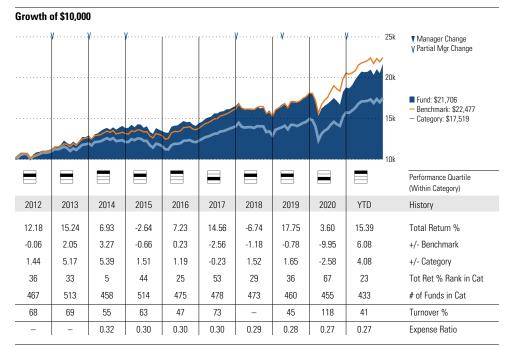
Net Expense: The fund's expense ratio of 0.26 is 77.59% lower than the World Allocation category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021



Alpha

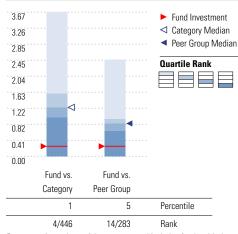
Beta

**R-Squared** 

Morningstar Category

World Allocation





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

15 Benchmark Category 10 5 Λ Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat -1.42 -3.02 1 00 1 1 1 90.22 89.93 Standard Deviation 11 68 11 10 13 00 Sharpe Ratio 0.96 1 1 4 0.87 Tracking Error 3 65 4.46 Information Ratio -0.45 -0.45 Up Capture Ratio 99.10 100.40 113.88 120.36 Down Capture Ratio . .. .

**Total Return %** 

as of 12-31-2021 Fund

20%

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.68	19.12	19.91
Price/Book Ratio	2.42	2.72	2.62
Avg Eff Duration	5.67	8.46	4.36

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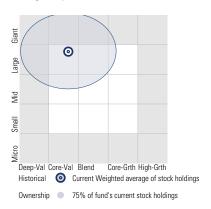


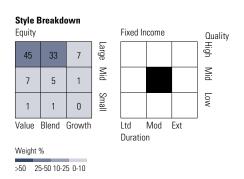
Morningstar Index

Morningstar Gbl Allocation TR USD

### American Funds Capital Income Bldr R6 RIRGX

Style Analysis as of 12-31-2021 Morningstar Style Box™





# 50

Fund

38.32

4.79

3.92

20.24

9.37

31.05

5.17

6.16

6.22

13.50

30.62

11.85

9.92

8.85

Bmark

35.62

4.91

12.02

14 99

3.70

43.42

8.04

3.47

10.88

21.03

20.98

6.65

11.59

2.74

Asset Allocation as of 12-31-2021

Sector Weighting as of 12-31-2021

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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Energy

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Utilities

#### Asset Class Net % Cat% US Stocks 44.61 32.67 Non-US Stocks 23.09 34.17 Bonds 14.84 22.67 Cash 2.88 9.96 Other 3.48 11.60 Total 100.00 100.00

#### Benchmark [] Category Average Cat Fund 38.44 5.84 10.10 12.66 9.84 40.70 6.83 5.99 11.30 16.58 20.85 5.73 10.52 4.60 10 15 20 25 30 35 40 45 ٥%

#### Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	_	3.71	3.71	55.38	Technology
eq Capital Group Central Cash Fund	_	3.39	7.10	-	-
∋ Cap Grp Cent Fd Ser Ii	_	2.67	9.77	-	-
$\ni$ Crown Castle International Corp	_	2.61	12.38	34.56	Real Estate
$\oplus$ Philip Morris International Inc	-	2.38	14.76	20.67	Consumer Defensive
∋ Microsoft Corp	_	2.29	17.05	52.24	Technology
$\ni$ Gilead Sciences Inc	_	1.68	18.73	29.51	Healthcare
$\oplus$ Raytheon Technologies Corp	_	1.42	20.15	23.15	Industrials
$oldsymbol{eta}$ The Toronto-Dominion Bank	_	1.36	21.51	39.24	Financial Services
igodot Zurich Insurance Group AG	_	1.27	22.78	10.68	Financial Services

#### Total Holdings 1238

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



**Morningstar Category** Morningstar Index World Allocation

Morningstar Gbl Allocation TR USD

### American Funds Europacific Growth R6 RERGX

#### Portfolio Manager(s)

Carl Kawaia since 06-2001 Nicholas Grace since 06-2002 Sung Lee since 06-2002 Jesper Lyckeus since 06-2004 Jonathan Knowles since 06-2006 Andrew Suzman since 06-2007 Christopher Thomsen since 06-2008 Lawrence Kymisis since 06-2014 Lara Pellini since 10-2014 Gerald Manoir since 01-2020 Noriko Chen since 01-2020

#### Quantitative Screens

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

Management: The fund's management has been in place for 20.6 years.

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

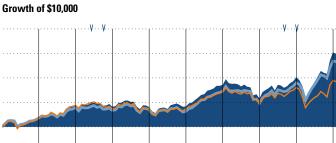
Net Expense: The fund's expense ratio of 0.46 is 56.6% lower than the Foreign Large Growth category average.

#### **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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021



										Performance Quartile (Within Category)
2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
19.64	20.58	-2.29	-0.48	1.01	31.17	-14.91	27.40	25.27	2.84	Total Return %
2.32	-2.20	2.61	0.33	0.01	6.14	-1.12	5.39	17.45	-8.42	+/- Benchmark
1.94	2.00	1.63	-1.43	3.15	0.30	-0.83	-0.43	-0.21	-4.85	+/- Category
26	40	27	66	20	44	58	59	33	80	Tot Ret % Rank in Cat
355	378	377	392	381	394	407	412	435	452	# of Funds in Cat
24	28	28	28	30	36	0	35	38	32	Turnover %
_	_	0.49	0.49	0.50	0.50	0.49	0.49	0.47	0.46	Expense Ratio



Fund Investment Category Median

Quartile Rank

Peer Group Median

### **3-Year Risk Metrics**

	Fund	Bmark	Cat
Alpha	4.17	-	7.05
Beta	0.99	-	0.88
R-Squared	89.79	-	82.00
Standard Deviation	17.88	17.16	16.68
Sharpe Ratio	0.97	0.78	1.12
Tracking Error	5.72	-	7.43
Information Ratio	0.77	-	0.84
Up Capture Ratio	108.94	-	106.78
Down Capture Ratio	93.12	-	81.06

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 21.65 16 51 25.03 Price/Book Ratio 2.85 1.86 3.67 61 49 49 49 60.75

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

43/391

11

Fund vs

Peer Group

Geom Avg Mkt Cap \$B ROE

Percentile

Rank

18.72 17.65 20.73

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Fund vs

Category

28/473

6

3.31

2.94

2.57 2.21

1.84 1.47 1.10 0.74 0.37 0.00



**Morningstar Category** Morningstar Index Foreign Large Growth

MSCI EAFE NR USD

Vanager Change

Fund: \$25,955 - Benchmark: \$21,650

Category: \$25,198

**Total Return %** 

as of 12-31-2021

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

Dmort

Fund Return %

Category

Fund

20

15

10 5

0

-5

V Partial Mgr Change

30

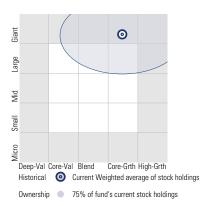
251

15

101

### American Funds Europacific Growth R6 RERGX

**Style Analysis** as of 12-31-2021 Morningstar Style Box™





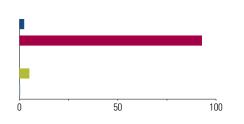


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 12-31-2021



#### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat
Դ	Cyclical	36.08	38.34	32.78
æ.	Basic Materials	7.66	7.68	6.34
<b>A</b>	Consumer Cyclical	11.93	10.93	12.95
цф.	Financial Services	15.90	16.92	13.17
ŵ	Real Estate	0.59	2.81	0.32
$\sim$	Sensitive	44.44	34.95	44.72
	Communication Services	5.20	5.36	6.20
•	Energy	5.83	3.67	1.97
Ф	Industrials	11.84	15.62	16.26
	Technology	21.57	10.30	20.29
	Defensive	19.48	26.70	22.50
F	Consumer Defensive	5.51	10.26	7.77
٠	Healthcare	12.40	13.18	13.85
9	Utilities	1.57	3.26	0.88

#### Asset Class Net % Cat% US Stocks 2.24 7.95 Non-US Stocks 92.69 89.04 Bonds 0.00 0.02 Cash 4.86 2.50 Other 0.23 0.49

**Morningstar Category** 

Foreign Large Growth

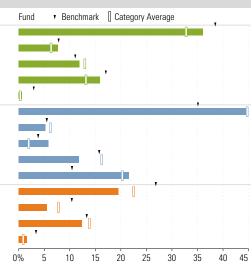
Total

Morningstar Index

MSCI EAFE NR USD

100.00

100.00



-		Greater Asia	Fund % 37.75	Cat % 29.03	Americas	Fund % 13.65	Cat % 14.89	Greater Europe	Fund % 48.60	Cat % 56.08	Market Maturity	Fund %
		Japan	11.26	11.96	North America	8.26	12.71	United Kingdom	6.88	9.52	Developed Markets	77.71
		Australasia	1.73	1.33	Central/Latin	5.39	2.18	W euro-ex UK	39.42	44.90	Emerging Markets	22.29
		Asia-4 Tigers	9.19	6.95				Emrgng Europe	1.17	0.67	Not Available	0.00
		Asia-ex 4 Tigers	15.57	8.79				Africa	1.13	0.99		
		Not Classified	0.00	0.00								
	>75											

Top 10 Holdings as of 12-31-2021

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Đ Capital Group Central Cash Fund	5.17	5.17	_	_
$\ni$ ASML Holding NV	4.04	9.22	78.48	Technology
€ Reliance Industries Ltd	2.58	11.80	19.60	Energy
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	2.53	14.32	18.02	Technology
∋ LVMH Moet Hennessy Louis Vuitton SE	2.25	16.57	43.67	Consumer Cyclical
m lacksquare Shopify Inc Registered Shs -A- Subord Vtg	1.67	18.24	21.18	Technology
$\ni$ Keyence Corp	1.57	19.81	24.93	Technology
$\ni$ Airbus SE	1.57	21.38	25.15	Industrials
$\ni$ Sika AG	1.54	22.92	57.91	Basic Materials
$\ominus$ MercadoLibre Inc	1.54	24.46	-19.51	Consumer Cyclical

#### Total Holdings 403

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

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### DFA US Large Cap Value I DFLVX

#### Portfolio Manager(s)

Jed Foodall since 02-2012 Joel Schneider since 02-2019

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.85 years.

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

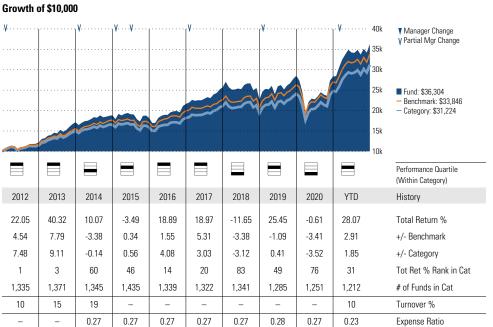
Net Expense: The fund's expense ratio of 0.22 is 76.34% lower than the Large Value category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021



Morningstar Category

Large Value





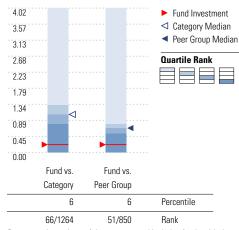
Alpha

Beta

R-Squared

Sharpe Ratio

Tracking Error



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 -2.51 0.36 0.99 1 13 98.53 95.52 Standard Deviation 22.08 19.33 19 52 0.78 0.90 0.90 3.72 4.42 Information Ratio -0.20 0.01 Up Capture Ratio 105.93 99.01 Down Capture Ratio 114.17 97.88 **Portfolio Metrics** Fund Bmark Cat

14.46	18.35	17.61
2.15	2.56	2.77
67.03	78.33	125.20
16.52	17.59	24.57
	2.15 67.03	2.15         2.56           67.03         78.33

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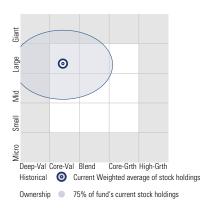
Morningstar Index

Russell 1000 Value TR USD

22.05	40.32

### DFA US Large Cap Value I DFLVX

Style Analysis as of 12-31-2021 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
➔ Pfizer Inc	3.43	3.43	64.66	Healthcare
	2.68	6.11	27.53	Financial Services
$\ni$ Comcast Corp Class A	2.30	8.41	-2.08	Communication Svc
ightarrow Intel Corp	2.15	10.56	6.16	Technology
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.85	12.42	28.95	Financial Services
∋ AT&T Inc	1.77	14.19	-7.23	Communication Svc
€ Walmart Inc	1.72	15.91	1.90	Consumer Defensive
	1.68	17.59	43.48	Healthcare
$\ni$ CVS Health Corp	1.48	19.07	53.97	Healthcare
	1.40	20.47	56.91	Energy
ige = 0 Goldman Sachs Group Inc	1.34	21.81	47.53	Financial Services
🕀 ConocoPhillips	1.26	23.06	85.37	Energy
ightarrow Morgan Stanley	1.23	24.29	46.30	Financial Services
ige > Anthem Inc	1.21	25.50	45.77	Healthcare
Đ Bank of America Corp	1.19	26.70	49.36	Financial Services

#### Total Holdings 378

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

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Asset Allocation as of 12-31-2021

100

50

Fund

35.39

7.19

7.47

20.19

0.54

40.59

9.05

7.44

13.15

10.95

24.02

6.00

17.77

0.25

Bmark

34.69

3.13

5.69

20.56

5.31

34.21

7.46

5.14

11.31

10.30

31.10

7.84

18.17

5.09

Sector Weighting as of 12-31-2021

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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

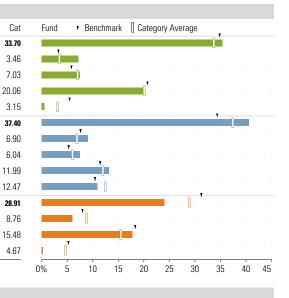
Healthcare

Consumer Defensive

Large Value	Russell 1000 Value TR USD	
Asset Class	Net %	Cat%
US Stocks	96.90	92.38
Non-US Stocks	2.24	5.73
Bonds	0.00	0.30
Cash	0.86	1.37
Other	0.00	0.23
Total	100.00	100.00

**Morningstar Index** 

**Morningstar Category** 



### MFS Mid Cap Growth R6 OTCKX

#### Portfolio Manager(s)

Eric Fischman since 11-2008 Paul Gordon since 05-2011 Eric Braz since 06-2021

#### Quantitative Screens

*Performance:* The fund has finished in the Mid-Cap Growth category's top three quartiles in 8 of the 8 years it's been in existence.

Management: The fund's management has been in place for 13.12 years.

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

Net Expense: The fund's expense ratio of 0.66 is 38.32% 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**

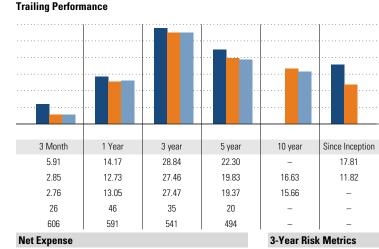
Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021
Sustainability Rating	5	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

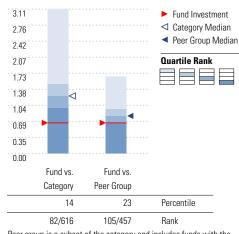




Morningstar Category

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.

Benchmark 20 Category 15 10 5 n Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 4.81 1.01

**Total Return %** 

as of 12-31-2021

Fund

30%

25

Alpha	4.81	-	1.01
Beta	0.84	-	0.98
R-Squared	93.42	-	89.98
Standard Deviation	17.84	20.47	21.31
Sharpe Ratio	1.47	1.25	1.24
Tracking Error	5.60	-	6.75
Information Ratio	0.25	-	-0.04
Up Capture Ratio	95.47	-	100.42
Down Capture Ratio	82.07	-	99.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	41.60	32.37	34.20
Price/Book Ratio	6.83	9.52	6.68
Geom Avg Mkt Cap \$B	23.89	24.63	20.45
ROE	21.89	19.10	17.03

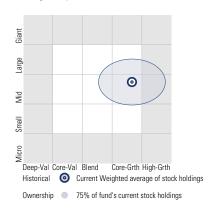
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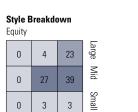


Russell Mid Cap Growth TR USD

### MFS Mid Cap Growth R6 OTCKX

Style Analysis as of 12-31-2021 Morningstar Style Box™





Weight %

0 3

>50 25-50 10-25 0-10

Value Blend Growth

#### Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ PerkinElmer Inc	3.05	3.05	40.31	Healthcare
Đ Cadence Design Systems Inc	2.71	5.76	36.59	Technology
€ MSCI Inc	2.64	8.40	38.03	Financial Services
i  Monolithic Power Systems Inc	2.63	11.03	35.36	Technology
$oldsymbol{ heta}$ Charles River Laboratories International Inc	2.28	13.31	50.80	Healthcare
€ Steris PLC	2.05	15.35	29.30	Healthcare
€ Verisk Analytics Inc	2.01	17.36	10.74	Industrials
• AMETEK Inc	2.00	19.37	22.24	Industrials
🕀 Icon PLC	1.93	21.30	58.84	Healthcare
€ Pool Corp	1.86	23.17	52.75	Consumer Cyclical
🕀 Arthur J. Gallagher & Co	1.86	25.02	38.70	Financial Services
€ NICE Ltd ADR	1.76	26.78	7.07	Technology
🕀 Entegris Inc	1.74	28.52	44.54	Technology
$ m egin{array}{c} egin{array} egin{array}{c} egin{array}{c} egin{array}{c} egin{array}$	1.73	30.25	40.96	Basic Materials
$oldsymbol{ m D}$ TransUnion	1.72	31.98	19.88	Industrials

Asset Allocation as of 12-31-2021

Sector Weighting as of 12-31-2021

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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** 

50

Fund

29.47

2.38

15.59

7.90

3.60

49.73

4.90

0.00

16.39

28 44

20.80

0.00

20.80

0.00

Bmark

25.38

1.85

15.81

5.09

2.63

56.04

4.37

1.58

15.18

34.91

18.57

1.87

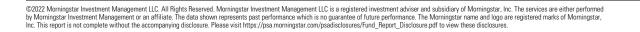
16.53

0.17

100

#### Total Holdings 107

⊕ Increase ⊖ Decrease 🕸 New to Portfolio





Morningstar Category Morningstar Index Mid-Cap Growth Russell Mid Cap Growth TR USD

#### Asset Class US Stocks 87.59 Non-US Stocks Bonds Ca

Total	100.00	100.00
Other	0.00	0.35
Cash	1.02	2.70

Net %

11.39

0.00

Cat%

93.15

3.77

0.02

#### Benchmark [] Category Average Cat Fund 28.86 2.14 14.23 9.09 3.40 49.05 4.11 [] 1.09 13.69 30.16 22.09 2.17 19.35 0.57 0% 5 10 15 20 25 30 35 40 45 50 55 60

### PIMCO Real Return Instl PRRIX

#### Portfolio Manager(s)

Stephen Rodosky since 01-2019 Daniel He since 12-2019

#### Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

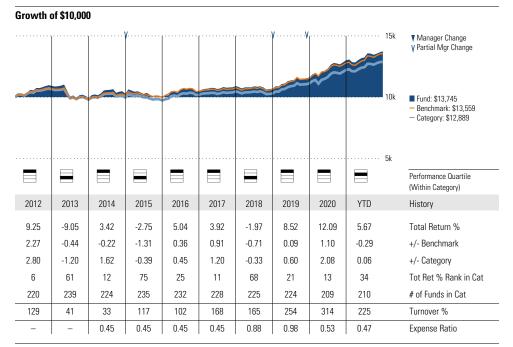
**Q** *Net Expense:* The fund's expense ratio of 0.47 is 22.95% lower than the Inflation-Protected Bond category average.

#### Morningstar Investment Management LLC Analysis

This fund fails manager tenure but the comanagers have delivered results that are consistent with the fund's strategy and performance under prior leadership.

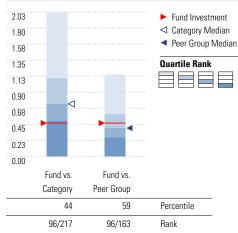
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021









125 –	# of	# of Funds in Category				
<b>3-Year Risk Metrics</b>						
	Fund	Bmark	Cat			
Alpha	0.15	_	-0.07			
Beta	1.01	_	0.90			
R-Squared	95.09	_	76.48			
Standard Deviation	4.05	3.90	4.22			
Sharpe Ratio	1.89	1.90	1.65			
Tracking Error	0.90	_	2.21			
Information Ratio	0.32	_	-0.60			
Up Capture Ratio	103.48	_	90.34			
Down Capture Ratio	104.04	-	95.16			
Portfolio Metrics						

Portfolio Wietrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.44	4.52	6.06
Avg Eff Maturity	6.90	-	7.06

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 Category Morning

Inflation-Protected Bond

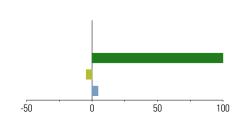
Morningstar Index

BBgBarc US Treasury US TIPS TR USD

### PIMCO Real Return Insti PRRIX

#### Style Analysis as of 12-31-2021 Style Breakdown Fixed Income





Net %	Cat%
0.00	0.05
0.00	0.00
99.92	99.03
-4.48	0.24
4.56	0.67
100.00	100.00
	0.00 0.00 99.92 -4.48 4.56

#### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

Fund	Bmark	Cat
49.00	0.00	89.25
32.00	99.60	6.41
9.00	0.00	1.27
7.00	0.00	1.83
1.00	0.00	0.28
1.00	0.00	0.10
1.00	0.00	0.06
0.00	0.40	0.80
	49.00 32.00 9.00 7.00 1.00 1.00	49.00         0.00           32.00         99.60           9.00         0.00           7.00         0.00           1.00         0.00           1.00         0.00           1.00         0.00

	Fund	Bmark	Cat	Fund
Government	68.82	-	89.35	
Treasury	0.36	-	1.05	
Inflation - Protected	48.34	-	84.05	
Agency/Quasi Agency	0.00	-	0.06	
Other Government Related	20.12	-	4.19	
Corporate	0.60	-	3.01	
Corporate Bond	0.31	-	2.75	10
Bank Loan	0.00	-	0.17	
Convertible	0.09	-	0.09	0
Preferred	0.20	-	0.00	0
Securitized	7.97	_	4.41	
Agency MBS Pass-Through	2.31	-	0.72	0
Agency MBS ARM	0.00	-	0.00	0
Agency MBS CMO	0.09	-	0.36	
Non-Agency Residential MBS	0.63	-	0.20	
Commercial MBS	0.03	-	0.81	0
Asset-Backed	3.38	-	2.24	
Covered Bond	1.53	-	0.08	
Municipal	0.00	-	0.02	0
Cash & Equivalents	12.17	-	2.90	
Other	10.08	-	0.29	

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

#### Top 10 Holdings as of 12-31-2021 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector 袋 Cash Offset 23.57 23.57 \_ \_ ⊖ Euro Schatz Future Dec 21 12-2021 18.59 42.16 \_ ⊕ 5 Year Treasury Note Future Dec 21 01-2022 18.02 60.17 \_ ⊖ U S TIPS REV REPO 10-2021 9.44 69.61 \_ ⊖ EUROPEAN MONETARY UNION EURO Purchased 11-2021 7.84 77.45 \_ ⊖ EUROPEAN MONETARY UNION EURO Sold 11-2021 7.84 85.29 \_ ⊖ 10 Year Treasury Note Future Dec 21 12-2021 7.43 92.72 \_ ⊖ U S TIPS REV REPO 10-2021 7.31 100.04 \_ ⊖ 2 Year Treasury Note Future Dec 21 01-2022 5.85 105.88 \_ ⊖ U S TIPS REV REPO 10-2021 4.98 110.87 \_

#### Total Holdings 1002

🕀 Increase 👄 Decrease 🌣 New to Portfolio

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Morningstar Category M

Inflation-Protected Bond E

Morningstar Index

ond BBgBarc US Treasury US TIPS TR USD

### PIMCO Short-Term Insti PTSHX

#### Portfolio Manager(s)

Jerome Schneider since 01-2011 Nathan Chiaverini since 04-2019 Andrew Wittkop since 04-2019

#### Quantitative Screens

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

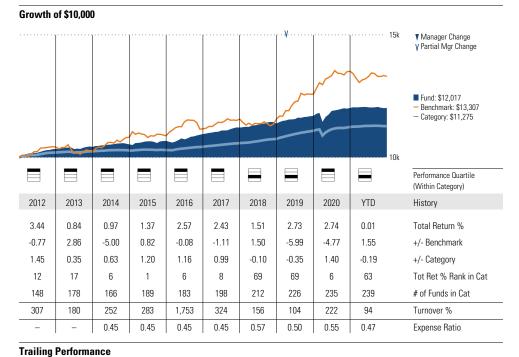
Management: The fund's management has been in place for 11.01 years.

Style Consistency is not calculated for Fixed Income funds.

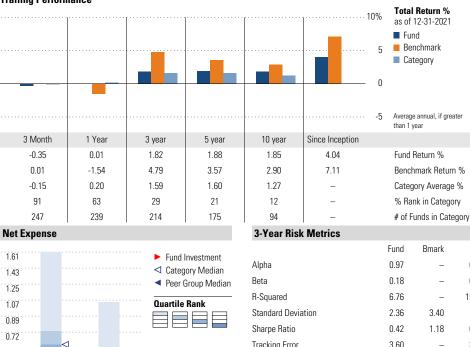
Net Expense: The fund's expense ratio of 0.47 is 6.82% higher than the Ultrashort Bond category average.

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

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



Ultrashort Bond



#### 0.54 0.36 0.18 Fund vs Fund vs Peer Group Category 64 74 Percentile

Standard Deviation	2.36	3.40	1.81
Sharpe Ratio	0.42	1.18	0.41
Tracking Error	3.60	-	3.44
Information Ratio	-0.83	-	-0.99
Up Capture Ratio	30.44	-	26.44
Down Capture Ratio	15.51	-	16.05
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.26	4.43	0.59
Avg Eff Maturity	0.09	-	2.49

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

136/185

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160/248



Cat

0.69

0 18

15.42

Morningstar Category Morningstar Index

BBgBarc US Agg Bond TR USD

### PIMCO Short-Term Instl PTSHX

#### Style Analysis as of 12-31-2021 Style Breakdown





Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	28.00	3.53	42.54
AA	9.00	74.59	5.49
А	29.00	10.82	15.78
BBB	25.00	8.32	21.73
BB	7.00	0.28	1.74
В	2.00	0.00	1.81
Below B	0.00	0.00	0.46
Not Rated	0.00	2.46	10.45

	Fund	Bmark	Cat	Fund	۲	Benchmark	( [	Category	Average			
Government	37.43	-	11.14			0						
Treasury	6.91	-	6.21			1						
Inflation – Protected	0.00	-	0.04	0								
Agency/Quasi Agency	8.03	-	1.36									
Other Government Related	22.49	-	3.53									
Corporate	17.51	-	36.19								0	
Corporate Bond	16.41	-	31.49							0		
Bank Loan	0.00	-	0.66	10								
Convertible	1.10	-	4.04									
Preferred	0.00	-	0.00									
Securitized	16.94	-	25.82						[			
Agency MBS Pass-Through	0.50	-	1.21									
Agency MBS ARM	0.09	-	0.77	[]								
Agency MBS CMO	1.98	-	3.33									
Non-Agency Residential MBS	0.88	-	0.55	<u>I</u> I								
Commercial MBS	1.88	-	2.43									
Asset-Backed	11.61	-	17.53					0				
Covered Bond	0.00	-	0.00	Ĺ								
Municipal	0.29	-	1.11									
Cash & Equivalents	19.78	-	25.04					i i	0			
Other	5.84	-	0.57	()								

#### Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
$\odot$ 5 Year Treasury Note Future Dec 21	01-2022	20.64	20.64	_
③ 3 Month Canadian Bankers' Acceptance Future Dec 22	12-2022	19.88	40.52	-
$\ominus$ Pimco Fds	01-2022	16.42	56.93	-
$\ominus$ 2 Year Treasury Note Future Dec 21	01-2022	15.52	72.45	-
举 Cash Offset	-	14.12	86.58	-
⊕ United States Treasury Notes 0.375%	09-2024	10.89	97.47	-
① 3 Month Canadian Bankers' Acceptance Future Mar 23	03-2023	9.47	106.94	-
🗱 Offset: Unsettled Trades	-	5.69	112.63	-
IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	4.75	117.38	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	4.74	122.12	-

#### Total Holdings 1238

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

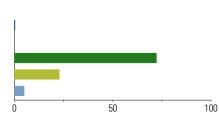
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Morningstar Category Morningstar Index Ultrashort Bond BBgBarc US Agg Bond TR USD

Asset Class	Net %	Cat%
US Stocks	0.21	0.00
Non-US Stocks	0.00	0.00
Bonds	72.18	71.19
Cash	22.76	24.31
Other	4.83	4.50
Total	100.00	100.00

#### Asset Allocation as of 12-31-2021



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

#### Portfolio Manager(s)

Management Team since 07-1999

#### Quantitative Screens

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

Management: The fund's management has been in place for 22.6 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 0.04 is 95.56% lower than the Large Growth category average.

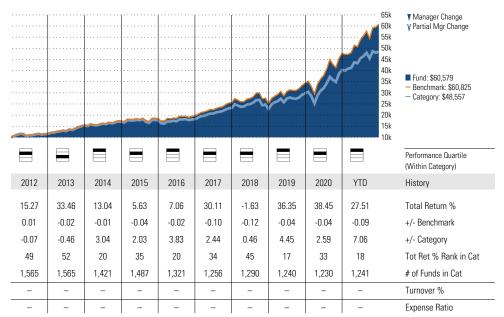
#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

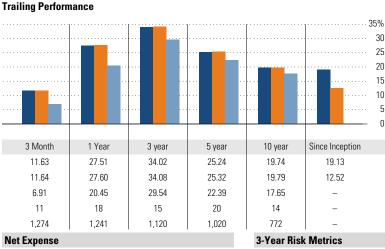
Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

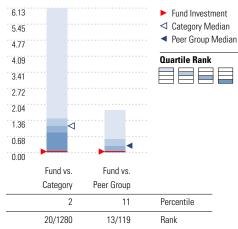




Morningstar Category

Large Growth





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

Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha -0.02 -1.34 1 00 0.97 Beta \_ 100.00 **R-Squared** 94.85 18.47 Standard Deviation 18 41 18 42 Sharpe Ratio 1.65 1.65 1.53 Tracking Error 0.05 3.86 Information Ratio -1.20 -0.86 Up Capture Ratio 99.89 93.02 Down Capture Ratio 99.99 94.52

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 34.55 34 55 33.66 Price/Book Ratio 12.91 12.90 9.38 Geom Avg Mkt Cap \$B 351.02 350.68 382 58

41.43

ROE

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41.42

32.76

Morningstar Index

Russell 1000 Growth TR USD

**Total Return %** 

as of 12-31-2021

Benchmark

Average annual, if greater than 1 year

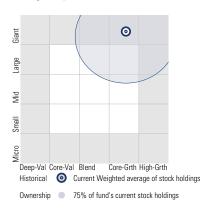
Fund Return %

Category

Fund

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

Style Analysis as of 12-31-2021 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Apple Inc	11.43	11.43	34.48	Technology
D Microsoft Corp	10.57	21.99	52.24	Technology
Đ Amazon.com Inc	6.03	28.02	2.38	Consumer Cyclical
m lacksquare Tesla Inc	3.56	31.59	49.76	Consumer Cyclical
igodolog Meta Platforms Inc Class A	3.31	34.90	23.13	Communication Svc
Alphabet Inc Class A	3.13	38.03	65.30	Communication Svc
• NVIDIA Corp	2.93	40.96	125.41	Technology
Alphabet Inc Class C	2.91	43.87	65.17	Communication Svc
The Home Depot Inc	1.84	45.72	58.73	Consumer Cyclical
Visa Inc Class A	1.53	47.25	-0.31	Financial Services
€ Mastercard Inc Class A	1.31	48.56	1.16	Financial Services
€ Adobe Inc	1.13	49.69	13.38	Technology
🕀 Broadcom Inc	1.11	50.79	55.38	Technology
Netflix Inc	1.09	51.88	11.41	Communication Svc
🕑 AbbVie Inc	1.00	52.88	31.22	Healthcare

#### Total Holdings 504

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

0 50 100

#### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat
Դ	Cyclical	27.10	27.10	27.84
æ.	Basic Materials	1.00	1.01	1.42
<b>A</b>	Consumer Cyclical	18.11	18.10	16.02
ц.	Financial Services	6.19	6.18	9.17
ŵ	Real Estate	1.80	1.81	1.23
Vvr	Sensitive	59.93	59.94	57.10
	Communication Services	11.75	11.76	14.86
0	Energy	0.30	0.30	0.68
Ф	Industrials	5.98	5.97	6.23
	Technology	41.90	41.91	35.33
-	Defensive	12.97	12.96	15.06
F	Consumer Defensive	4.29	4.29	2.91
٠	Healthcare	8.65	8.64	11.79
Ç	Utilities	0.03	0.03	0.36

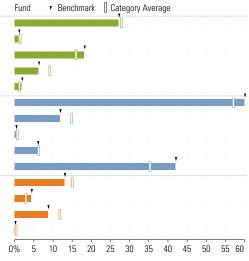


**Morningstar Index** 

Russell 1000 Growth TR USD

Morningstar Category

Large Growth



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

#### Portfolio Manager(s)

Management Team since 09-2009

#### Quantitative Screens

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

Management: The fund's management has been in place for 12.42 years.

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

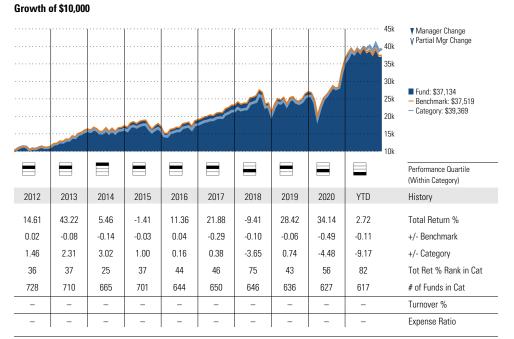
Net Expense: The fund's expense ratio of 0.05 is 95.54% lower than the Small Growth category average.

#### 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**

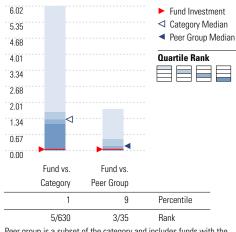
Metric	Rating	Updated
Sustainability Rating	2	11-30-2021



Small Growth

#### **Trailing Performance**





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

# of Funds in Category Fund Bmark Cat Alpha -0.17 2.58 0.95 Beta 1 00 100.00 **R-Squared** 93.07 23,40 Standard Deviation 23 40 23 16 Sharpe Ratio 0.90 0.90 0.99 Tracking Error 0.10 5.46 Information Ratio -2.01 -0.09 Up Capture Ratio 99.66 99.16 Down Capture Ratio 100.17 91.46

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 22.90 22.94 32.03 Price/Book Ratio 4.78 4.80 5.03 Geom Avg Mkt Cap \$B 3 18 3 20 6 1 2 ROE 8.89 8.90 7.44

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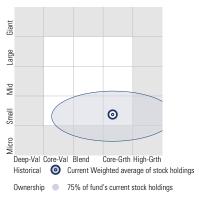


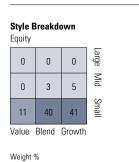
Morningstar Category Morningstar Index

Russell 2000 Growth TR USD

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

Style Analysis as of 12-31-2021 Morningstar Style Box™





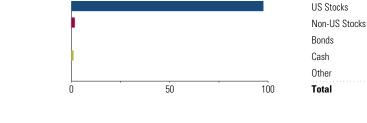
>50 25-50 10-25 0-10

#### Ton 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ State Street Corporation Short Term Investment Fund	0.93	0.93	_	_
	0.76	1.69	200.32	Technology
$\ominus$ Lattice Semiconductor Corp	0.69	2.38	68.18	Technology
EastGroup Properties Inc	0.61	2.99	67.63	Real Estate
⇒ Tetra Tech Inc	0.61	3.60	47.32	Industrials
∋ Saia Inc	0.59	4.19	86.41	Industrials
∋ WillScot Mobile Mini Holdings Corp	0.57	4.76	76.26	Industrials
Intellia Therapeutics Inc	0.55	5.31	117.35	Healthcare
$\ominus$ Silicon Laboratories Inc	0.54	5.85	62.10	Technology
⊖ Omnicell Inc	0.52	6.37	50.34	Healthcare
⊖ Crocs Inc	0.50	6.86	104.63	Consumer Cyclical
⊕ E-Mini Russ 2000 Mar22 Xcme 20220318	0.48	7.35	-	-
igodolog Fox Factory Holding Corp	0.48	7.82	60.91	Consumer Cyclical
$\supset$ Ambarella Inc	0.47	8.29	120.96	Technology
$\ominus$ BJ's Wholesale Club Holdings Inc	0.45	8.74	79.64	Consumer Defensive

#### Total Holdings 1206

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



#### Sector Weighting as of 12-31-2021

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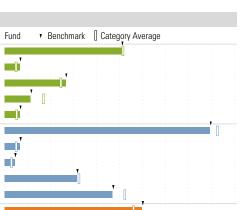
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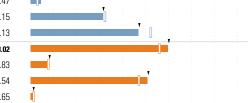
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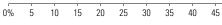
F

Asset Allocation as of 12-31-2021

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average	J
Cyclical	25.55	25.45	25.72				
Basic Materials	3.27	3.28	2.47				
Consumer Cyclical	13.32	13.24	12.22		<b></b> )		
Financial Services	5.64	5.64	8.42				
Real Estate	3.32	3.29	2.61	<b></b> )			
Sensitive	44.61	44.66	46.26				
Communication Servic	es 3.30	3.32	2.51				
Energy	2.20	2.19	1.47		_		
Industrials	15.73	15.68	16.15		]	_	
Technology	23.38	23.47	26.13				
Defensive	29.85	29.90	28.02		· · ·	(m	
Consumer Defensive	3.96	3.97	3.83			_	
Healthcare	25.39	25.44	23.54	_			
Utilities	0.50	0.49	0.65	Ú			
				00/	F 40 45	00 05 00	







Asset Class

Russell 2000 Growth TR USD

**Morningstar Index** 

Net %

97.52

1.53

0.00

0.95

0.00

100.00

Cat%

92.78

4.51

0.00

1.82

0.89

50

100.00



### State St Russell Sm Cp® Val Indx NL CI C

#### Portfolio Manager(s)

Management Team since 09-2009

#### **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 12.42 years.

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

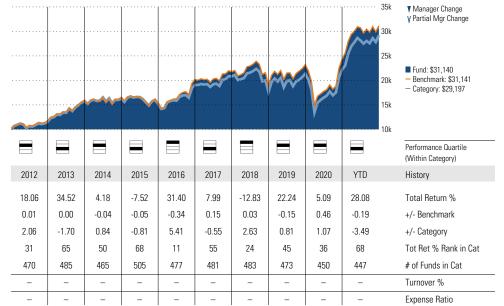
Net Expense: The fund's expense ratio of 0.05 is 95.41% lower than the Small Value category average.

#### 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**

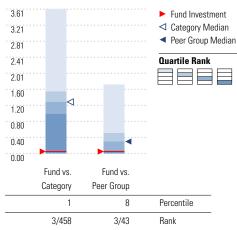
Metric	Rating	Updated
Sustainability Rating	2	11-30-2021





Growth of \$10,000





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

25 Benchmark 20 Category 15 10 5 0 Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 0.16 -0.35 0.99 1.02 \_ 99.99 98.08 Standard Deviation 25 14 25.35 26 17 0.76 0 75 0.73 0.31 3.06 Information Ratio 0.21 -0.70 Up Capture Ratio 99.65 101.79 Down Capture Ratio 99.24 103.40 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	13.35	13.35	14.51
Price/Book Ratio	1.62	1.62	1.80
Geom Avg Mkt Cap \$B	2.32	2.32	4.32
ROE	7.58	7.58	16.24

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Morningstar Index

Russell 2000 Value TR USD

					[					V Manager Change V Partial Mgr Change
									25k	
					<b>_</b>					Fund: \$31,140
						~ 4	$\sim$		····· 20k	<ul> <li>Benchmark: \$31,141</li> <li>Category: \$29,197</li> </ul>
		~~~~							· · · · · · 15k	
								Y	10k	
				_						<b>D</b> ( <b>D C C C</b>
										Performance Quartile (Within Category)
2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
8.06	34.52	4.18	-7.52	31.40	7.99	-12.83	22.24	5.09	28.08	Total Return %
D.01	0.00	-0.04	-0.05	-0.34	0.15	0.03	-0.15	0.46	-0.19	+/- Benchmark
2.06	-1.70	0.84	-0.81	5.41	-0.55	2.63	0.81	1.07	-3.49	+/- Category
31	65	50	68	11	55	24	45	36	68	Tot Ret % Rank in Cat
470	485	465	505	477	481	483	473	450	447	# of Funds in Cat
-	-	-	-	-	-	-	-	-	-	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio
iling	Performa	ance								
	· · · · · · · · · · · · · · · · · · ·		·····		1	r				Total Return % as of 12-31-2021
									30	Fund
										Bonchmark

Alpha

Beta

R-Squared

Sharpe Ratio

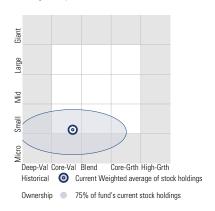
Tracking Error

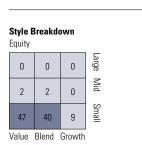
**Morningstar Category** 

Small Value

### State St Russell Sm Cp® Val Indx NL CI C

Style Analysis as of 12-31-2021 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ AMC Entertainment Holdings Inc Class A	0.93	0.93	1,183.02	Communication Svc
⊕ E-Mini Russ 2000 Mar22 Xcme 20220318	0.74	1.67	-	-
$\ominus$ State Street Corporation Short Term Investment Fund	0.68	2.36	-	-
$\ominus$ Avis Budget Group Inc	0.57	2.93	455.95	Industrials
$\oplus$ Stag Industrial Inc	0.56	3.49	57.76	Real Estate
⊖ Ovintiv Inc	0.55	4.04	137.94	Energy
$\ominus$ Macy's Inc	0.54	4.59	135.38	Consumer Cyclical
$\ominus$ Tenet Healthcare Corp	0.51	5.10	104.58	Healthcare
$\ominus$ Chesapeake Energy Corp Ordinary Shares - New	0.42	5.52	-	Energy
① Terreno Realty Corp	0.42	5.93	47.92	Real Estate
⊖ EMCOR Group Inc	0.40	6.34	39.85	Industrials
⊖ Goodyear Tire & Rubber Co	0.39	6.73	95.42	Consumer Cyclical
SouthState Corp	0.37	7.10	13.46	Financial Services
Glacier Bancorp Inc	0.37	7.47	26.32	Financial Services
⊖ Valley National Bancorp	0.36	7.83	45.54	Financial Services

#### Total Holdings 1396

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Small Value Russell 2000 Value TR USD Asset Class Net % US Stocks 98.24

Morningstar Index

Cat%

95.55

2.88

-0.03

1.51

0.09

100.00

1.05

0.00

0.72

0.00

100.00

Morningstar Category

Non-US Stocks

Bonds

Cash

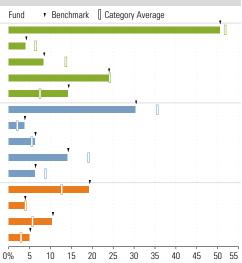
Other

Total

T		
0	50	

### Sector Weighting as of 12-31-2021

		Fund	Bmark	Cat
Դ	Cyclical	50.48	50.44	51.78
A.	Basic Materials	4.06	4.05	6.42
A	Consumer Cyclical	8.35	8.33	13.68
цф	Financial Services	23.90	23.86	24.19
ŵ	Real Estate	14.17	14.20	7.49
w	Sensitive	30.30	30.32	35.55
	Communication Services	3.72	3.72	2.07
0	Energy	6.22	6.25	5.54
¢	Industrials	14.06	14.09	19.13
	Technology	6.30	6.26	8.81
<b>→</b>	Defensive	19.21	19.24	12.69
	Consumer Defensive	3.81	3.80	4.03
٠	Healthcare	10.39	10.43	5.71
9	Utilities	5.01	5.01	2.95



### Asset Allocation as of 12-31-2021

### 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 8.86 years.

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

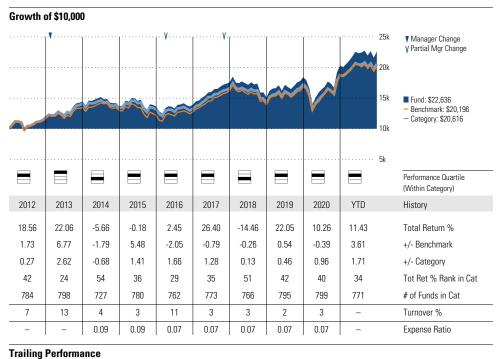
Net Expense: The fund's expense ratio of 0.07 is 92.55% lower than the Foreign Large Blend category average.

#### 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.

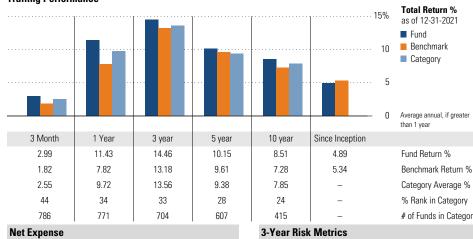
#### **ESG Metrics**

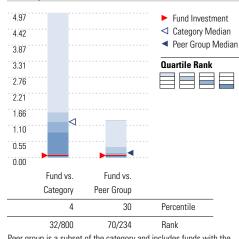
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021



**Morningstar Category** 

Foreign Large Blend





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

% Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.81 0.94 1 00 Beta 1.03 96.86 **R-Squared** 94.25 Standard Deviation 17 89 17 03 17 48 Sharpe Ratio 0.80 0 76 0.80 Tracking Error 3.22 4.25 Information Ratio 0.40 0.25 Up Capture Ratio 104.35 101.95 Down Capture Ratio 100.77 98.67

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.59	15.08	16.26
Price/Book Ratio	1.74	1.88	1.95
Geom Avg Mkt Cap \$B	31.48	47.47	56.01
ROE	16.71	17.76	18.41

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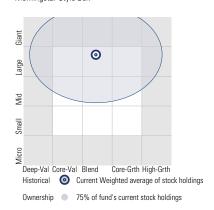


Morningstar Index

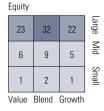
MSCI ACWI Ex USA NR USD

### Vanguard Developed Markets Index Admiral VTMGX

Style Analysis as of 12-31-2021 Morningstar Style Box™





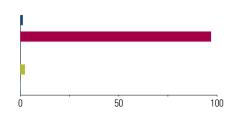


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 12-31-2021

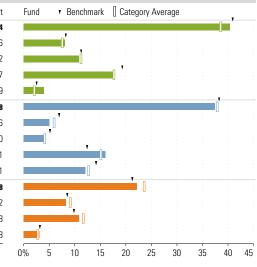


#### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat
Դ	Cyclical	40.39	40.77	38.54
<b>.</b> #.	Basic Materials	8.04	8.11	7.56
	Consumer Cyclical	10.82	11.11	11.22
ц.	Financial Services	17.61	19.16	17.67
ŵ	Real Estate	3.92	2.39	2.09
V <sup>ar</sup>	Sensitive	37.42	38.11	37.88
đ	Communication Services	5.06	6.80	5.96
0	Energy	4.24	5.01	4.10
¢	Industrials	16.05	12.27	15.11
	Technology	12.07	14.03	12.71
-	Defensive	22.20	21.12	23.58
E	Consumer Defensive	8.26	8.39	9.12
٠	Healthcare	10.81	9.70	11.68
9	Utilities	3.13	3.03	2.78

Asset Class	Net %	Cat%
US Stocks	1.04	2.90
Non-US Stocks	96.83	95.06
Bonds	0.00	0.37
Cash	2.09	0.99
Other	0.04	0.66
Total	100.00	100.00



Greater Asia	Fund % 35.47	Cat % 35.68	Americas	Fund % 10.54	Cat % 8.02	Greater Europe	Fund % 53.99	Cat % 56.30	Market Maturity	Fund %
Japan	20.42	19.04	North America	10.43	7.05	United Kingdom	12.03	12.54	Developed Markets	99.21
Australasia	6.60	4.55	Central/Latin	0.11	0.97	W euro-ex UK	40.95	42.20	Emerging Markets	0.79
Asia-4 Tigers	8.14	6.95				Emrgng Europe	0.36	0.63	Not Available	0.00
Asia-ex 4 Tigers	0.31	5.14				Africa	0.65	0.93		
Not Classified	0.00	0.00								

#### Top 10 Holdings as of 12-31-2021

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ightarrow Nestle SA	1.58	1.58	23.95	Consumer Defensive
∋ Slcmt1142	1.44	3.03	-	-
$\ni$ ASML Holding NV	1.29	4.31	78.48	Technology
$\oplus$ Samsung Electronics Co Ltd	1.25	5.56	-	Technology
	1.16	6.72	24.60	Healthcare
🕀 Toyota Motor Corp	0.94	7.66	34.86	Consumer Cyclical
$\oplus$ LVMH Moet Hennessy Louis Vuitton SE	0.85	8.51	43.67	Consumer Cyclical
$\ni$ Novartis AG	0.75	9.26	-1.70	Healthcare
🕀 AstraZeneca PLC	0.75	10.01	21.25	Healthcare
€ Novo Nordisk A/S Class B	0.74	10.74	73.87	Healthcare

#### Total Holdings 4127

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Foreign Large Blend

**Morningstar Index** 

MSCI ACWI Ex USA NR USD

### Vanguard Emerging Mkts Stock Idx Adm VEMAX

#### Portfolio Manager(s)

Michael Perre since 08-2008 Jeffrey Miller since 02-2016

#### Quantitative Screens

*Performance:* The fund has finished in the Diversified Emerging Mkts 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 13.35 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 88.24% lower than the Diversified Emerging Mkts category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

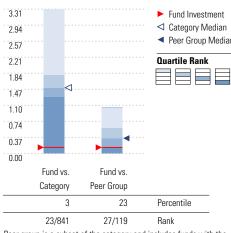
Growth of \$10,000

Diversified Emerging Mkts MSCI EM NR USD

201 V Manager Change V Partial Mgr Change 15 Fund: \$16.857 Benchmark: \$17,062 Category: \$16,756 5k \_\_\_\_ Performance Quartile (Within Category) 2012 2013 2014 2015 2017 2018 2019 2020 YTD 2016 History 18.86 -5.02 0.60 -15.35 11.73 31.38 -14.58 20.31 15.24 0.86 Total Return % 0.64 -2.42 2.79 -0.43 0.54 -5.90 0.00 1.87 -3.07 3.40 +/- Benchmark -4.88 0.71 3.61 -1.56 3.26 -2.79 1.49 1.06 -2.66 0.48 +/- Category 48 77 16 62 26 66 34 41 58 42 Tot Ret % Rank in Cat 694 831 847 # of Funds in Cat 613 738 875 826 846 805 794 8 26 9 7 13 6 11 9 10 9 Turnover % \_ 0.15 0.15 0.14 0.14 0.14 0.14 0.14 0.14 Expense Ratio



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.

5.81 Information Ratio 0.32 0.30 Up Capture Ratio 98.59 102.20 Down Capture Ratio 94.01 95.08 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 12 46 12 49 14 48 Price/Book Ratio 1.86 1.84 2.32 Geom Avg Mkt Cap \$B 26 56 43 97 53 07

17.92

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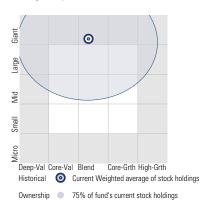


18.03

18.99

### Vanguard Emerging Mkts Stock Idx Adm VEMAX

Style Analysis as of 12-31-2021 Morningstar Style Box™





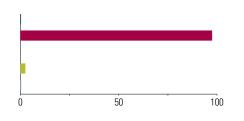


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 12-31-2021



#### Sector Weighting as of 12-31-2021

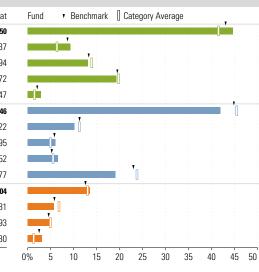
Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat
Դ	Cyclical	44.59	42.89	41.50
æ.	Basic Materials	9.26	8.51	6.37
<b>~</b>	Consumer Cyclical	13.13	13.12	13.94
,	Financial Services	19.34	19.34	19.72
ŵ	Real Estate	2.86	1.92	1.47
w	Sensitive	41.87	44.69	45.46
	Communication Services	10.12	11.12	11.22
0	Energy	6.05	5.66	4.95
¢	Industrials	6.62	5.08	5.52
	Technology	19.08	22.83	23.77
-	Defensive	13.54	12.41	13.04
F	Consumer Defensive	5.72	5.66	6.81
٠	Healthcare	4.71	4.41	4.93
9	Utilities	3.11	2.34	1.30
-				

#### Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

Asset Class Net % Cat% US Stocks 0.14 3.29 Non-US Stocks 97.38 94.33 Bonds 0.00 -0.03 Cash 2.31 2.27 Other 0.18 0.14 Total 100.00 100.00



	Greater Asia	Fund % 77.33	Cat % 73.88	Americas	Fund % 8.05	Cat % 12.03	Greater Europe	Fund % 14.62	Cat % 14.08	Market Maturity	Fund %
	Japan	0.00	0.13	North America	0.09	3.05	United Kingdom	0.00	0.83	Developed Markets	23.32
	Australasia	0.00	0.05	Central/Latin	7.96	8.98	W euro-ex UK	0.36	2.29	Emerging Markets	76.68
	Asia-4 Tigers	20.03	27.34				Emrgng Europe	4.01	6.62	Not Available	0.00
	Asia-ex 4 Tigers	57.30	46.36				Africa	10.25	4.34		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 12-31-2021

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	5.19	5.19	18.02	Technology
$\oplus$ Tencent Holdings Ltd	4.33	9.51	-18.80	Communication Svc
$\oplus$ Alibaba Group Holding Ltd Ordinary Shares	2.59	12.10	-49.83	Consumer Cyclical
$\ominus$ Taiwan Semiconductor Manufacturing Co Ltd ADR	1.50	13.60	11.70	Technology
⊕ Meituan Class B	1.39	14.99	-22.59	Consumer Cyclical
$\ominus$ Reliance Industries Ltd	1.29	16.28	19.60	Energy
⊖ Mktliq 12/31/2049	1.21	17.49	_	-
$\ominus$ Infosys Ltd	1.11	18.60	52.47	Technology
$\oplus$ China Construction Bank Corp Class H	0.80	19.40	-2.01	Financial Services
⊕ MediaTek Inc	0.79	20.19	64.26	Technology

#### Total Holdings 4436

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

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### Vanguard FTSE Social Index Admiral VFTAX

Portfolio Manager(s)

Gerard O'Reilly since 12-2015 William Coleman since 12-2015

#### Quantitative Screens

The Performance screen is not applicable for funds with less than three years of data.

Management: The fund's management has been in place for 6.03 years.

 $\times$  Style: The fund has landed in its primary style box — Large Blend — 44.12 % of the time over the past three years.

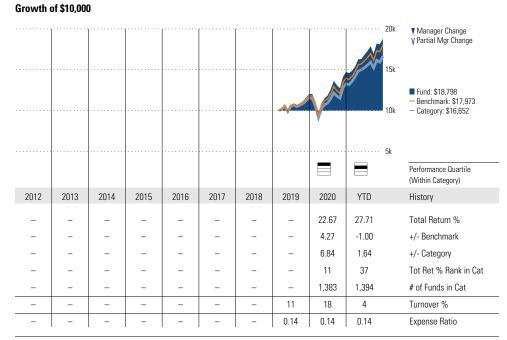
Net Expense: The fund's expense ratio of 0.14 is 82.72% lower than the Large Blend category average.

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

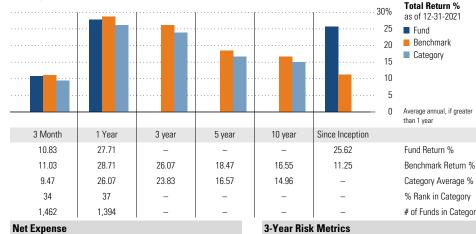
This fund fails our style screen, but as an index-tracker we are not concerned about style drift.

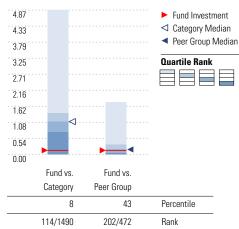
#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021



#### **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.

% Rank in Category # of Funds in Category Fund Bmark Cat Alpha -1.70 0.97 Beta \_ R-Squared 95.10 Standard Deviation \_ 17 41 17 41 Sharpe Ratio 1.38 1.25 Tracking Error 3.76 Information Ratio -1.29 Up Capture Ratio 93.94 Down Capture Ratio 100.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.91	25.15	25.73
Price/Book Ratio	5.24	4.59	5.74
Geom Avg Mkt Cap \$B	237.95	230.65	305.14
ROE	33.30	32.75	38.00

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Morningstar Category

Large Blend

Morningstar Index

S&P 500 TR USD

### Vanguard FTSE Social Index Admiral VFTAX

Asset Allocation as of 12-31-2021

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Sector Weighting as of 12-31-2021

50

Fund

31.52

2.18

13.30

12.78

3.26

48 40

11.87

0.00

5.11

31.42

20.09

5.03

14.37

0.69

Bmark

30.24

2.27

12.29

12 91

2.77

47.59

10.16

2.67

8.13

26.63

22.18

6.30

13.38

2.50

100

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Energy

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Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

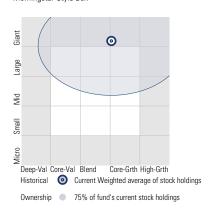
Defensive

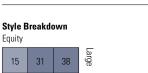
Healthcare

**Utilities** 

**Consumer Defensive** 

**Style Analysis** as of 12-31-2021 Morningstar Style Box™







Weight %

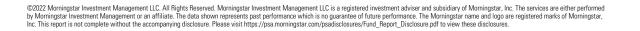
>50 25-50 10-25 0-10

#### Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Apple Inc	7.64	7.64	34.48	Technology
D Microsoft Corp	7.07	14.71	52.24	Technology
€ Amazon.com Inc	4.03	18.74	2.38	Consumer Cyclical
Alphabet Inc Class A	2.42	21.17	65.30	Communication Svc
	2.38	23.55	49.76	Consumer Cyclical
$ onumber \in \mathbb{R}^n$ Alphabet Inc Class C	2.27	25.82	65.17	Communication Svc
Đ Meta Platforms Inc Class A	2.22	28.04	23.13	Communication Svc
• NVIDIA Corp	1.96	30.00	125.41	Technology
	1.32	31.31	44.79	Healthcare
	1.30	32.61	27.53	Financial Services
$ onumber {f  heta}$ The Home Depot Inc	1.23	33.84	58.73	Consumer Cyclical
Đ Procter & Gamble Co	1.10	34.94	20.01	Consumer Defensive
Đ Visa Inc Class A	1.02	35.96	-0.31	Financial Services
➔ Pfizer Inc	0.92	36.88	64.66	Healthcare
igodolog Bank of America Corp	0.89	37.77	49.36	Financial Services

#### Total Holdings 497

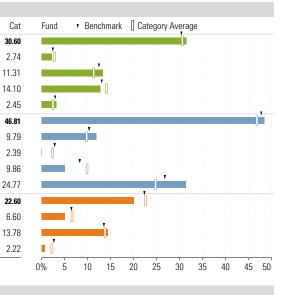
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio





Morningstar Category Morningstar Index

Asset Class	Net %	Cat%
US Stocks	98.45	94.69
Non-US Stocks	1.62	2.90
Bonds	0.00	0.81
Cash	-0.08	0.14
Other	0.00	1.47
Total	100.00	100.00



### Vanguard Real Estate Index Admiral VGSLX

Growth of \$10,000

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 25.65 years.

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

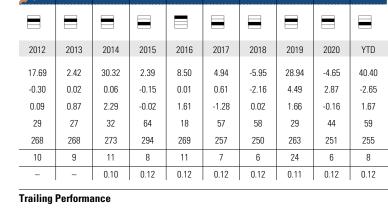
Net Expense: The fund's expense ratio of 0.12 is 88.68% lower than the Real Estate category average.

#### **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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021





Beta

ROE

7.00			Fund Investment
6.22			Category Median
5.44			<ul> <li>Peer Group Median</li> </ul>
4.67			Quartile Rank
3.89			
3.11			
2.33			
1.56	4		
0.78			
0.00		···· • • • • • • • • • • • • • • • • •	
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	5	34	Percentile
	13/263	16/48	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.

98.36 **R-Squared** 93.00 Standard Deviation 18 85 19.89 19.01 Sharpe Ratio 1.02 0.90 1.02 Tracking Error 2.70 5.07 Information Ratio 0.70 0.42 Up Capture Ratio 100.67 98.38 Down Capture Ratio 91.54 90.01 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 37.58 38 46 37.45 Price/Book Ratio 3.33 2.42 3.24 Geom Avg Mkt Cap \$B 25.88 935 29.84

0.94

14.88

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9.56

15.04

Cat

2.48

0.92

\_

Real Estate

S&P United States REIT TR USD

Vanager Change

Fund: \$29,723 Benchmark: \$28,931

Category: \$27,802

Performance Quartile

(Within Category)

Total Return %

+/- Benchmark

+/- Category

Turnover %

Expense Ratio

Tot Ret % Rank in Cat

# of Funds in Cat

History

V Partial Mgr Change

Morningstar Index

30

251

201

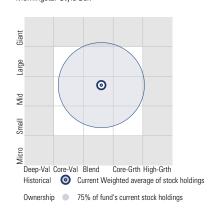
15k

10k

Morningstar Category

### Vanguard Real Estate Index Admiral VGSLX

Style Analysis as of 12-31-2021 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

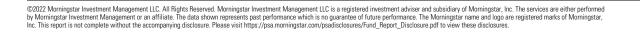
Value Blend Growth

#### Ton 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Vanguard Real Estate II Index	11.35	11.35	_	_
American Tower Corp	6.87	18.22	32.63	Real Estate
➔ Prologis Inc	6.43	24.65	71.46	Real Estate
earrow Crown Castle International Corp	4.60	29.25	34.56	Real Estate
⊕ Equinix Inc	3.90	33.15	20.04	Real Estate
€ Public Storage	3.05	36.20	65.66	Real Estate
$oldsymbol{eta}$ Simon Property Group Inc	2.64	38.84	94.21	Real Estate
	2.53	41.37	30.11	Real Estate
SBA Communications Corp	2.20	43.58	38.71	Real Estate
$\oplus$ Realty Income Corp	2.04	45.61	22.30	Real Estate
€ CBRE Group Inc Class A	1.88	47.49	73.01	Real Estate
Welltower Inc	1.87	49.36	36.51	Real Estate
$oldsymbol{eta}$ AvalonBay Communities Inc	1.82	51.19	61.41	Real Estate
$oldsymbol{eta}$ Alexandria Real Estate Equities Inc	1.67	52.85	27.62	Real Estate
$\oplus$ Equity Residential	1.63	54.49	56.73	Real Estate

#### Total Holdings 172

⊕ Increase ⊖ Decrease 🕸 New to Portfolio





as of 12-31-2021			
		Asset Class	Net %
		US Stocks	99.63
		Non-US Stocks	0.05
		Bonds	0.00
		Cash	0.32
		Other	0.00
50	100	Total	100.00

Real Estate

#### Sector Weighting as of 12-31-2021

Asset Allocation

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	Fund	Bmark	Cat	Fund • Benchmark ] Category Average
Cyclical	99.16	99.13	98.87	
Basic Materials	0.00	0.00	0.10	l l l l l l l l l l l l l l l l l l l
Consumer Cyclical	0.00	0.13	1.95	
Financial Services	0.00	0.00	0.24	
Real Estate	99.16	99.00	96.58	
Sensitive	0.84	0.87	1.11	
Communication Services	0.84	0.00	0.32	
Energy	0.00	0.00	0.01	
Industrials	0.00	0.87	0.24	
Technology	0.00	0.00	0.54	
Defensive	0.00	0.00	0.02	
Consumer Defensive	0.00	0.00	0.00	
Healthcare	0.00	0.00	0.00	
Utilities	0.00	0.00	0.02	

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

Cat%

87.05

1.70

3.11

1.72

6.43

100.00

### Vanguard Target Retirement 2015 Fund VTXVX

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2015 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 8.86 years.

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

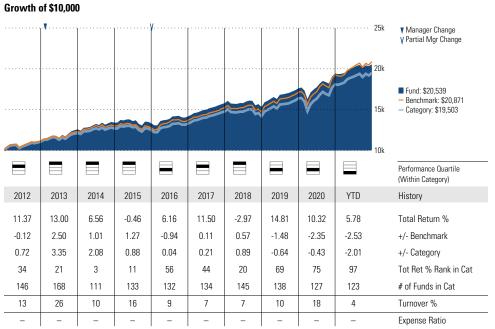
Net Expense: The fund's expense ratio of 0.12 is 79.66% lower than the Target-Date 2015 category average.

#### **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

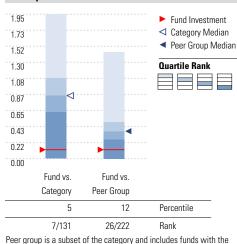
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021



**Morningstar Category** 

Target-Date 2015





//131	20/222	ndiik
Peer group is a subset of the	category and ind	cludes funds with the
same management style (acti	ve vs. passive) a	and similar share class
characteristics.		

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 0.25 -0.79 0.81 0.97 Beta \_ 98.43 **R-Squared** 96.08 Standard Deviation 6 82 8 35 8 30 Sharpe Ratio 1.35 1.34 1.22 Tracking Error 1.80 1.79 Information Ratio -1.18 -0.66 Up Capture Ratio 81.39 92.30 Down Capture Ratio 77.84 95.84 Deutlelle Metal

Portiolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.09	19.62	19.64
Price/Book Ratio	2.71	2.77	2.83
Avg Eff Duration	6.25	7.78	5.27

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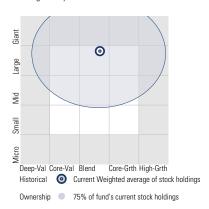


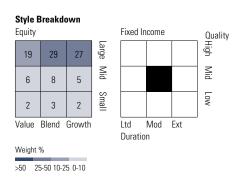
Morningstar Index Morningstar Lifetime Mod 2015 TR

USD

### Vanguard Target Retirement 2015 Fund VTXVX

**Style Analysis** as of 12-31-2021 Morningstar Style Box™





# -

50

100

0.00 100.0	100.00	Total
).50 4.4	0.50	Other
8.36 6.3	3.36	Cash
5.78 50.1	65.78	Bonds
2.25 14.7	12.25	Non-US Stocks
3.11 24.3	18.11	US Stocks
et % Cat	Net %	Asset Class
E	Ne	Asset Class

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

Morningstar Category

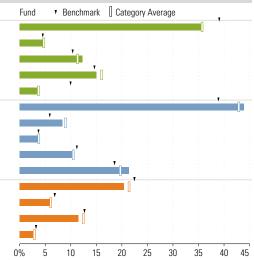
Target-Date 2015

#### Sector Weighting as of 12-31-2021

0

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat	
Դ	Cyclical	35.67	38.92	35.70	
æ.	Basic Materials	4.69	4.38	4.71	
<b>~</b>	Consumer Cyclical	12.32	10.23	11.33	
цф.	Financial Services	15.03	14.49	16.00	
ŵ	Real Estate	3.63	9.82	3.66	
$\sim$	Sensitive	43.92	38.76	42.89	
đ	Communication Services	8.32	5.75	8.96	
•	Energy	3.53	3.54	3.74	
¢	Industrials	10.67	11.05	10.48	
	Technology	21.40	18.42	19.71	
	Defensive	20.42	22.32	21.41	
1	Consumer Defensive	6.31	6.72	6.08	
٠	Healthcare	11.53	12.54	12.44	
2	Utilities	2.58	3.06	2.89	



#### Top 8 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Vanguard Total Bond Market II Idx Inv	_	36.03	36.03	_	_
$\ominus$ Vanguard Total Stock Mkt ldx Inv	-	18.29	54.32	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	16.17	70.49	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	15.77	86.25	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	12.56	98.81	-	-
€ Mktliq 12/31/2049	_	0.91	99.72	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Investor	-	0.28	99.99	_	-
$\oplus$ Us Dollar	-	0.01	100.00	_	-

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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### Vanguard Target Retirement 2020 Fund VTWNX

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2020 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 8.86 years.

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

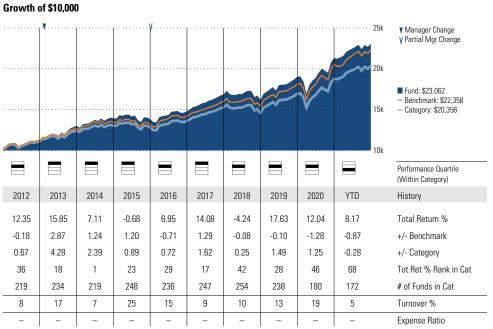
Net Expense: The fund's expense ratio of 0.13 is 79.37% lower than the Target-Date 2020 category average.

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

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

#### **ESG Metrics**

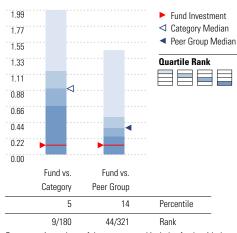
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021



Morningstar Category

Target-Date 2020





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 -0.28 -0.60 0.97 0.95 Beta \_ 98.28 **R-Squared** 96.07 Standard Deviation 9.04 9 27 8 94 Sharpe Ratio 1.26 1 31 1.21 Tracking Error 1.22 2.00 Information Ratio -0.62 -0.72 Up Capture Ratio 95.00 91.08 Down Capture Ratio 95.93 93.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.16	19.42	20.30
Price/Book Ratio	2.72	2.74	2.89
Avg Eff Duration	6.51	8.67	4.93

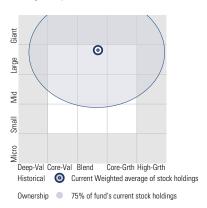
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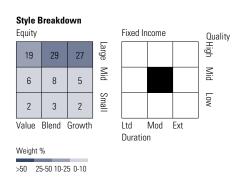


Morningstar Index Morningstar Lifetime Mod 2020 TR USD

### Vanguard Target Retirement 2020 Fund VTWNX

**Style Analysis** as of 12-31-2021 Morningstar Style Box™





### 

Cash Other	2.95 0.42	3.99 8.18
Cash	2.95	3.99
Bonds	51.87	46.34
Non-US Stocks	17.78	15.01
US Stocks	26.98	26.50
Asset Class	Net %	Cat%

Morningstar Category

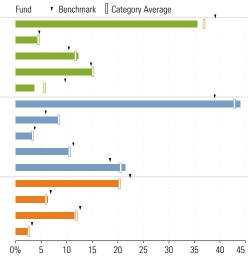
Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat	Fur
Դ	Cyclical	35.59	38.92	36.87	
æ.	Basic Materials	4.64	4.48	4.40	
A	Consumer Cyclical	12.33	10.28	11.71	
цф.	Financial Services	14.99	14.61	15.12	
ŵ	Real Estate	3.63	9.55	5.64	
V*	Sensitive	44.01	38.81	42.82	
đ	Communication Services	8.34	5.75	8.43	
•	Energy	3.50	3.58	3.33	
Ф	Industrials	10.65	11.14	10.50	
	Technology	21.52	18.34	20.56	
-	Defensive	20.42	22.26	20.32	
Ħ	Consumer Defensive	6.30	6.72	5.91	
٠	Healthcare	11.54	12.48	11.88	
9	Utilities	2.58	3.06	2.53	
					~~~



#### Top 8 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Vanguard Total Bond Market II Idx Inv	_	30.41	30.41	_	_
$\ni$ Vanguard Total Stock Mkt ldx Inv	-	27.24	57.65	_	-
$\ni$ Vanguard Total Intl Stock Index Inv	-	18.22	75.87	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	13.28	89.14	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec ldx Inv	-	9.81	98.95	-	_
€ Mktliq 12/31/2049	_	0.80	99.75	-	_
$\oplus$ Vanguard Total Intl Bd II Idx Investor	-	0.24	99.99	_	-
$\oplus$ Us Dollar	_	0.01	100.00	-	-

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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### Vanguard Target Retirement 2025 Fund VTTVX

Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 8.86 years.

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

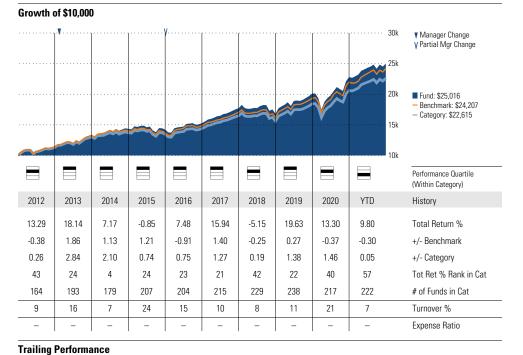
Net Expense: The fund's expense ratio of 0.13 is 80.6% lower than the Target-Date 2025 category average.

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

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

#### **ESG Metrics**

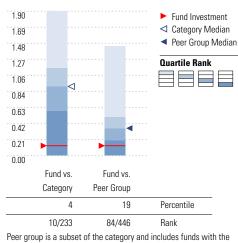
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021



Morningstar Category

Target-Date 2025





				FIICE/Editii
	10/233	84/446	Rank	Price/Book
Peer gro same m	Avg Eff Du			
characte	eristics.			

**Total Return %** as of 12-31-2021 Fund Benchmark Category Average annual, if greater than 1 year

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

	Fund	Bmark	Cat
Alpha	-0.33	-	-0.47
Beta	1.02	-	0.96
R-Squared	98.68	-	97.00
Standard Deviation	10.69	10.45	10.15
Sharpe Ratio	1.22	1.26	1.19
Tracking Error	1.24	-	2.02
Information Ratio	-0.11	-	-0.52
Up Capture Ratio	101.50	-	94.83
Down Capture Ratio	105.52	-	99.16

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.17	19.21	20.36
Price/Book Ratio	2.72	2.70	2.91
Avg Eff Duration	7.21	9.42	6.67

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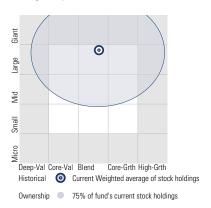


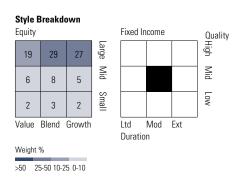
Morningstar Index Morningstar Lifetime Mod 2025 TR

USD

### Vanguard Target Retirement 2025 Fund VTTVX

Style Analysis as of 12-31-2021 Morningstar Style Box™





## 

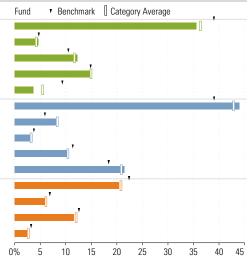
Other	0.00	
	0.39	10.93
Cash	2.67	3.69
Bonds	40.74	38.05
Non-US Stocks	22.25	16.49
US Stocks	33.94	30.83
Asset Class	Net %	Cat%

Morningstar Category Target-Date 2025 Morningstar Index Morningstar Lifetime Mod 2025 TR USD

#### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat	
Դ	Cyclical	35.58	38.86	36.35	
<i>.</i>	Basic Materials	4.64	4.58	4.23	
<b>~</b>	Consumer Cyclical	12.31	10.36	11.70	
ц.	Financial Services	14.99	14.73	14.93	
ŵ	Real Estate	3.64	9.19	5.49	
$\sim$	Sensitive	43.99	38.89	42.85	
	Communication Services	8.33	5.78	8.33	
0	Energy	3.50	3.62	3.22	
Ф	Industrials	10.64	11.23	10.42	
	Technology	21.52	18.26	20.88	
	Defensive	20.44	22.25	20.80	
F	Consumer Defensive	6.30	6.74	6.11	
٠	Healthcare	11.55	12.44	12.02	
<b>?</b>	Utilities	2.59	3.07	2.67	



#### Top 8 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Vanguard Total Stock Mkt Idx Inv	_	34.28	34.28	_	_
$\ominus$ Vanguard Total Bond Market II Idx Inv	-	28.12	62.40	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	22.80	85.20	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	12.02	97.22	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec ldx Inv	-	1.42	98.63	-	_
€ Mktliq 12/31/2049	-	0.83	99.46	-	_
$\oplus$ Vanguard Total Intl Bd II Idx Investor	-	0.49	99.95	_	-
$\oplus$ Us Dollar	_	0.05	100.00	-	-

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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### Vanguard Target Retirement 2030 Fund VTHRX

Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

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

Management: The fund's management has been in place for 8.86 years.

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

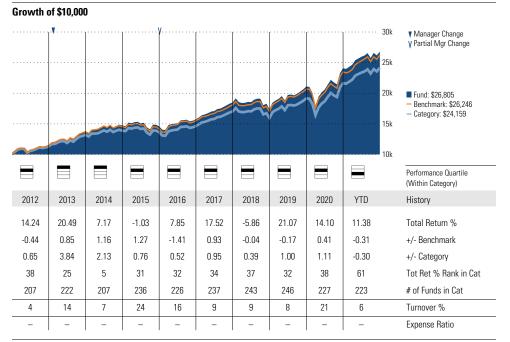
Net Expense: The fund's expense ratio of 0.14 is 79.71% lower than the Target-Date 2030 category average.

#### **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

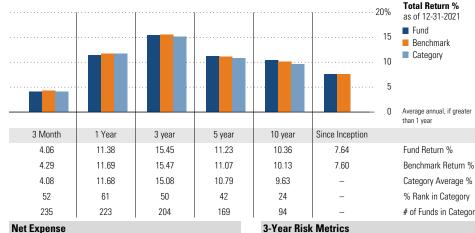
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

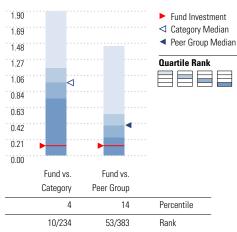


Morningstar Category

Target-Date 2030







L	21		/01		9017		
	94	-	# of	# of Funds in Category			
	3-Year Risk Metrics						
			Fund	Bmark	Cat		
	Alpha		0.14	-	-0.09		
	Beta		0.99	-	0.97		
	R-Squared		99.18	-	98.04		
	Standard Devia	ition	11.97	12.05	11.82		
	Sharpe Ratio		1.19	1.19	1.17		
	Tracking Error		1.09	-	1.88		
	Information Ra	tio	-0.02	-	-0.24		
	Up Capture Rat	io	100.36	-	97.95		
	Down Capture	Ratio	101.08	-	100.08		

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.17	19.00	20.41
Price/Book Ratio	2.72	2.66	2.97
Avg Eff Duration	7.37	10.06	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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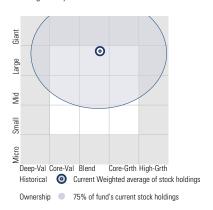


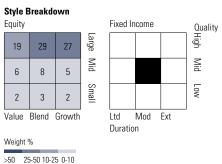
Morningstar Index Morningstar Lifetime Mod 2030 TR

USD

### Vanguard Target Retirement 2030 Fund VTHRX

Style Analysis as of 12-31-2021 Morningstar Style Box™





Top 7 Holdings as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	_	39.32	39.32	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	26.17	65.49	_	-
$\ominus$ Vanguard Total Bond Market II ldx Inv	-	23.21	88.70	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	10.02	98.72	_	-
⊕ Mktliq 12/31/2049	-	0.82	99.54	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Investor	_	0.43	99.97	-	-
$\oplus$ Us Dollar	-	0.03	100.00	_	-

#### Total Holdings 7

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



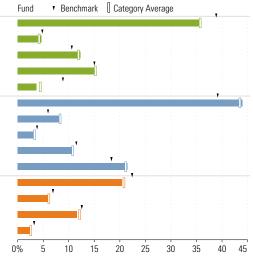
<b>Morningstar Category</b> Target-Date 2030	<b>Morningstar Index</b> Morningstar Lifetime Mod 20 USD	:030 TR	
Asset Class	Net %	Cat%	
US Stocks	38.93	37.02	
Non-US Stocks	25.54	19.27	
Bonds	32.65	29.51	
Cash	2.54	2.41	
Other	0.33	11.79	
Total	100.00	100.00	

50

#### Sector Weighting as of 12-31-2021 Fund Bmark Cat Դ Cyclical 35.58 38.72 35.72 ŵ. Basic Materials 4.64 4.68 4.20 A Consumer Cyclical 12.32 10.45 11.90 **n Financial Services** 14.87 14.98 15.21 ŵ Real Estate 3.64 8.72 4.41 Sensitive ~ 43.99 39.01 43.49 đ **Communication Services** 8.34 5.80 8.30 Energy 3.50 3.66 3.28 ¢ Industrials 10.63 11.34 10.77 Technology 21.52 18.21 21.14 20.43 22.26 Defensive 20.80 **Consumer Defensive** 6.30 6.77 6.10 Healthcare 11.55 12.41 12.14 Utilities 2.58 3.08 2.56

Asset Allocation as of 12-31-2021

0



### Vanguard Target Retirement 2035 Fund VTTHX

Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 8.86 years.

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

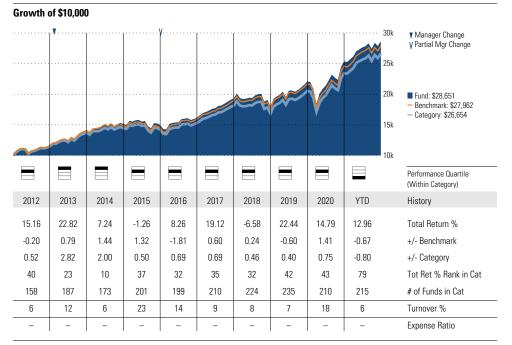
Net Expense: The fund's expense ratio of 0.14 is 80% lower than the Target-Date 2035 category average.

#### 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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

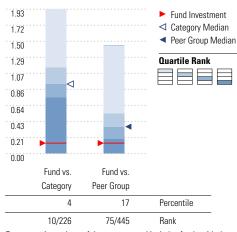


Morningstar Category

Target-Date 2035







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 in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 0.78 0.56 0.95 0.97 Beta 99.40 **R-Squared** 98.46 Standard Deviation 13 24 13.88 13 52 Sharpe Ratio 1.17 1.12 1.15 Tracking Error 1.23 1.91 Information Ratio 0.05 0.14 Up Capture Ratio 97.75 98.92 Down Capture Ratio 94.47 97.06

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.16	18.79	20.13
Price/Book Ratio	2.72	2.63	2.89
Avg Eff Duration	7.37	10.62	6.71

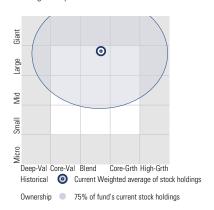
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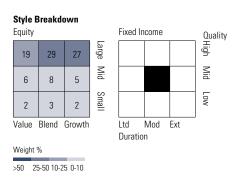


Morningstar Index Morningstar Lifetime Mod 2035 TR USD

## Vanguard Target Retirement 2035 Fund VTTHX

**Style Analysis** as of 12-31-2021 Morningstar Style Box™





			U%	5 10 15	20 25 30	35	40	45
Top 7 Holdings as of 12-31-2021								
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector			
⊖ Vanguard Total Stock Mkt Idx Inv	_	43.75	43.75	_	_			
$\oplus$ Vanguard Total Intl Stock Index Inv	-	29.19	72.94	-	-			
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	18.08	91.02	-	-			
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	7.76	98.78	-	_			
① Mktliq 12/31/2049	-	0.94	99.72	-	-			
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.26	99.98	-	-			
$\oplus$ Us Dollar	-	0.02	100.00	-	_			

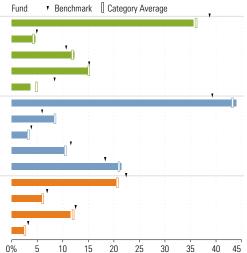
#### Total Holdings 7

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



50	Total		100.00	100.00
_	Other		0.26	10.60
	Cash		2.62	2.35
	Bonds		25.31	19.06
	Non-US Stocks		28.48	24.21
	US Stocks		43.33	43.76
	Asset Class		Net %	Cat%
	Ū.	030		

#### Sector Weighting as of 12-31-2021 Cat Fund Bmark Դ Cyclical 35.58 38.60 36.09 ÷. **Basic Materials** 4.64 4.78 4.26 A Consumer Cyclical 12.32 10.53 11.90 **n Financial Services** 14.99 15.03 15.09 ŵ Real Estate 3.63 8.26 4.84 Sensitive 43.99 ~ 39.13 43.23 đ **Communication Services** 8.34 5.82 8.47 Energy 3.51 3.70 3.26 ¢ Industrials 10.63 11.44 10.50 Technology 21.51 18.17 21.00 20.43 22.27 Defensive 20.68 **Consumer Defensive** 6.31 6.80 6.08 Healthcare 11.54 12.38 12.02 Utilities 2.58 3.09 2.58



# Asset Allocation as of 12-31-2021

Morningstar Category Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

### Vanguard Target Retirement 2040 Fund VFORX

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

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

Management: The fund's management has been in place for 8.86 years.

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

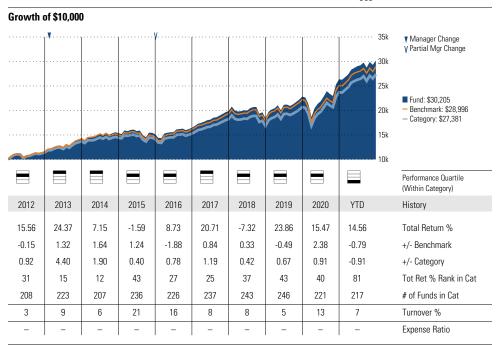
Net Expense: The fund's expense ratio of 0.14 is 80.28% lower than the Target-Date 2040 category average.

#### **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.

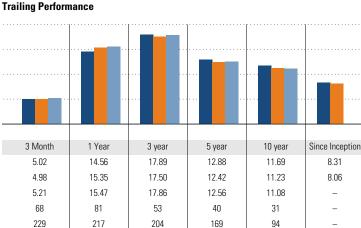
#### ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

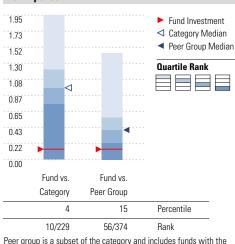


Morningstar Category

Target-Date 2040



Net Expense



	10/229	56/3/4	напк	Р
Peer grou	p is a subset of	the category an	d includes funds with the	
same mar	nagement style	active vs. passi	ve) and similar share class	, P
character	istics.			

15 Benchmark Category 10 5 Λ Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category

20%

**Total Return %** 

as of 12-31-2021 Fund

# of Funds in Category

#### **3-Year Risk Metrics** Fund Bmark Cat Alpha 1.30 1.11 0.94 0.95 Beta \_ 99.36 98.53 **R-Squared** Standard Deviation 14 51 15 45 14 78 Sharpe Ratio 1.15 1.07 1.14 Tracking Error 1.52 2.03 Information Ratio 0.26 0.33 Up Capture Ratio 97.40 98.47 Down Capture Ratio 92.00 94.22

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.15	18.59	20.08
Price/Book Ratio	2.72	2.59	2.88
Avg Eff Duration	7.38	11.10	6.67

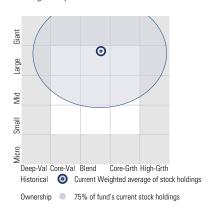
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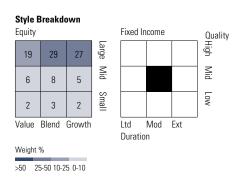


Morningstar Index Morningstar Lifetime Mod 2040 TR USD

# Vanguard Target Retirement 2040 Fund VFORX

**Style Analysis** as of 12-31-2021 Morningstar Style Box™





0.19	9.17
2.51	1.91
18.29	12.05
31.41	27.65
47.60	49.22
Net %	Cat%
	47.60 31.41 18.29 2.51

Morningstar Category Target-Date 2040

50

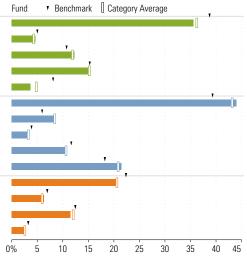
Morningstar Index Morningstar Lifetime Mod 2040 TR USD

#### Sector Weighting as of 12-31-2021

0

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat	Fund
Դ	Cyclical	35.61	38.59	36.24	
æ.	Basic Materials	4.65	4.88	4.30	
	Consumer Cyclical	12.33	10.60	11.91	
ц.	Financial Services	14.99	15.14	15.20	
ŵ	Real Estate	3.64	7.97	4.83	
₩.	Sensitive	43.97	39.18	43.16	
đ	Communication Services	8.33	5.82	8.43	
0	Energy	3.50	3.74	3.26	
Ф	Industrials	10.64	11.52	10.63	
	Technology	21.50	18.10	20.84	
	Defensive	20.43	22.23	20.59	
	Consumer Defensive	6.31	6.82	5.97	
٠	Healthcare	11.54	12.31	12.04	
2	Utilities	2.58	3.10	2.58	



#### Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	_	48.07	48.07	_	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	32.19	80.25	-	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	12.95	93.20	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	5.87	99.07	-	-
⊖ Mktliq 12/31/2049	-	0.89	99.96	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	0.04	100.00	-	-
🕀 Us Dollar	_	0.00	100.00	_	-

#### Total Holdings 7

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



### Vanguard Target Retirement 2045 Fund VTIVX

Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

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

Management: The fund's management has been in place for 8.86 years.

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

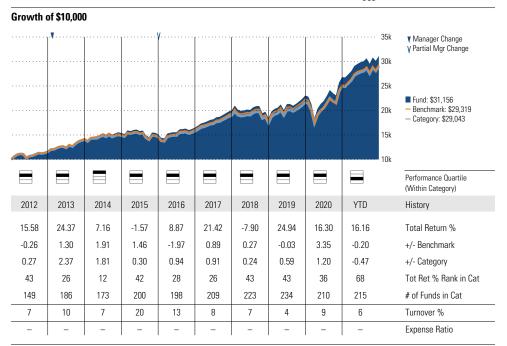
Net Expense: The fund's expense ratio of 0.15 is 78.87% lower than the Target-Date 2045 category average.

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

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

#### ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021



Morningstar Category

Target-Date 2045



#### 1.94 Fund Investment Category Median 1.72 Peer Group Median 1.51 1.29 Quartile Rank 1.08 0.86 0.65 0.43 0.22 Fund vs Fund vs Peer Group Category 5 17 Percentile 12/226 74/441 Rank Pe

25	-	% Rank in Category				
85	-	# of Funds in Category				
3-Year Risk	Metrics					
		Fund	Bmark	Cat		
Alpha		1.57	-	1.42		
Beta		0.96	-	0.95		
R-Squared		99.26	-	98.55		
Standard Deviation		15.74 16.36 15.6				
Sharpe Ratio		1.14 1.05 1.13				
Tracking Error		1.52	-	2.06		
Information Rat	io	0.71	-	0.46		
Up Capture Rat	io	100.21	-	98.96		
Down Capture I	Ratio	94.21 – 9		93.70		
Portfolio M	etrics					
		Fund	Bmark	Cat		

	12/220	/4/441	Hallk
Peer group	is a subset of the	category and ir	cludes funds with the
same mana	agement style (act	tive vs. passive)	and similar share class
characteris	stics.		

Cat Price/Earnings Ratio 19.16 18.43 20.08 Price/Book Ratio 2.72 2.56 2.85 Avg Eff Duration 7 35 11 53 6 60

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Morningstar Index Morningstar Lifetime Mod 2045 TR USD

**Total Return %** 

as of 12-31-2021 Fund

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

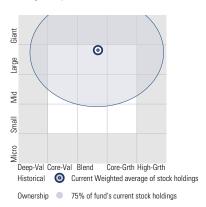
Category Average %

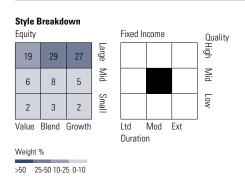
Fund Return %

Category

# Vanguard Target Retirement 2045 Fund VTIVX

**Style Analysis** as of 12-31-2021 Morningstar Style Box™





# 

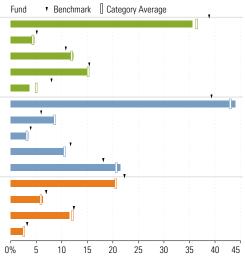
Other	0.13	5.40
	0.13	9.43
Cash	2.70	1.74
Bonds	10.88	6.68
Non-US Stocks	34.23	29.89
US Stocks	52.07	52.24
Asset Class	Net %	Cat%

Morningstar Category Target-Date 2045 Morningstar Index Morningstar Lifetime Mod 2045 TR USD

### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat	Fund
Դ	Cyclical	35.58	38.71	36.42	
æ.	Basic Materials	4.64	4.97	4.34	
A	Consumer Cyclical	12.32	10.65	11.93	
<b>L</b>	Financial Services	14.98	15.24	15.16	
ŵ	Real Estate	3.64	7.85	4.99	
w,	Sensitive	43.98	39.17	43.00	_
đ	Communication Services	8.33	5.83	8.61	
	Energy	3.51	3.77	3.18	
¢	Industrials	10.63	11.58	10.54	
	Technology	21.51	17.99	20.67	
-	Defensive	20.43	22.13	20.57	
F	Consumer Defensive	6.31	6.81	5.92	)
٠	Healthcare	11.54	12.23	12.08	_
2	Utilities	2.58	3.09	2.57	



### Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Or Stand Stock Mkt Idx Inv     Stock Mkt Idx     Stock Mkt     Stoc	-	52.58	52.58	_	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.07	87.65	-	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	7.86	95.51	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	3.31	98.83	-	-
① Mktliq 12/31/2049	-	1.12	99.94	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Investor	-	0.05	100.00	-	-
🕀 Us Dollar	_	0.00	100.00	_	_

### Total Holdings 7

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



### Vanguard Target Retirement 2050 Fund VFIFX

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 8.86 years.

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

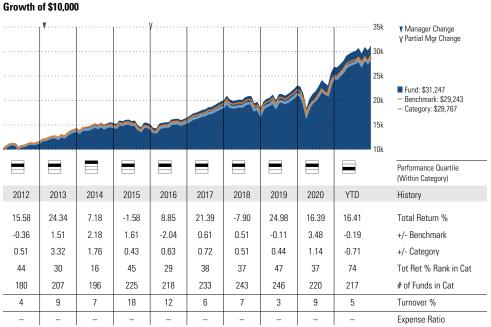
Net Expense: The fund's expense ratio of 0.15 is 79.17% lower than the Target-Date 2050 category average.

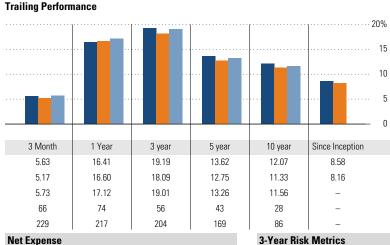
#### **Morningstar Investment Management LLC Analysis**

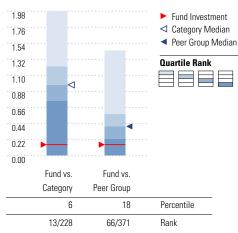
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021







	11.33	8.16	Benchmark Return %			
	11.56	-	Category Average %			
	28	-	% Ra	nk in Catego	ry	
	86	-	# of F	unds in Cate	gory	
	3-Year Risk	Metrics				
			Fund	Bmark	Cat	
	Alpha		1.85	-	1.56	
	Beta		0.94	-	0.95	
	R-Squared		99.20	-	98.48	
	Standard Devia	tion	15.77	16.69	15.93	
	Sharpe Ratio		1.14	1.03	1.12	
	Tracking Error		1.72	-	2.08	
Information Ratio		0.64	_	0.48		

Down Capture Ratio	92.29	-	93.61
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.16	18.28	19.97
Price/Book Ratio	2.72	2.53	2.83
Avg Eff Duration	7.40	-	6.55

99.28

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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Morningstar Index Morningstar Lifetime Mod 2050 TR

**Total Return %** 

as of 12-31-2021 Fund

Benchmark

Average annual, if greater than 1 year

99.27

Fund Return %

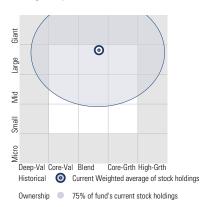
Category

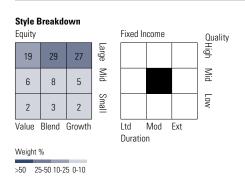
Target-Date 2050 USD

Morningstar Category

## Vanguard Target Retirement 2050 Fund VFIFX

Style Analysis as of 12-31-2021 Morningstar Style Box™





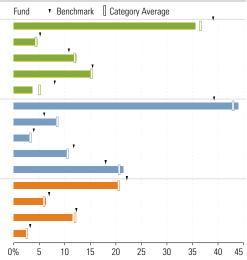
## Top 7 Holdings as of 12-31-2021

50	100
	50

#### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat	Fund • Bend
Դ	Cyclical	35.57	38.90	36.55	
æ.	Basic Materials	4.63	5.04	4.36	<b></b> )
4	Consumer Cyclical	12.32	10.67	11.93	
цů	Financial Services	14.99	15.30	15.21	
ŵ	Real Estate	3.63	7.89	5.05	
w	Sensitive	43.99	39.09	42.93	
	Communication Services	8.34	5.83	8.51	
0	Energy	3.51	3.79	3.24	
٥	Industrials	10.63	11.61	10.53	]
	Technology	21.51	17.86	20.65	
<b>→</b>	Defensive	20.42	22.01	20.52	
E	Consumer Defensive	6.30	6.80	5.94	)
٠	Healthcare	11.54	12.12	12.01	-
9	Utilities	2.58	3.09	2.57	<b>—</b>
					00/ 5 10



Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	_	53.82	53.82	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.89	89.71	-	_
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	6.25	95.95	-	_
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	2.92	98.87	-	_
• Mktliq 12/31/2049	-	1.00	99.87	-	-
<ul> <li>Wanguard Total Intl Bd II Idx Investor</li> </ul>	_	0.08	99.95	_	_
$\oplus$ Us Dollar	-	0.05	100.00	-	-

#### Total Holdings 7

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



Morningstar Index Morningstar Lifetime Mod 2050 TR USD Morningstar Category Target-Date 2050

8.97 2.61 0.11	5.50 1.41 7.55
8.97	5.50
35.02	31.39
53.29	54.14
Net %	Cat%
	53.29

### Vanguard Target Retirement 2055 Fund VFFVX

#### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

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

Management: The fund's management has been in place for 8.86 years.

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

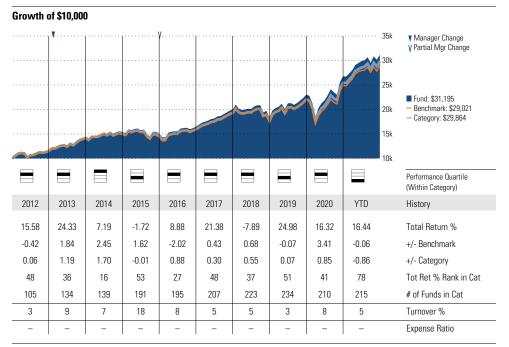
Net Expense: The fund's expense ratio of 0.15 is 78.87% lower than the Target-Date 2055 category average.

#### **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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

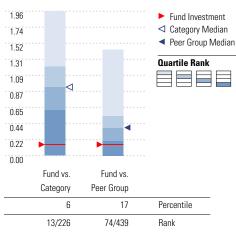


Morningstar Category

Target-Date 2055

# **Trailing Performance**





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

**3-Year Risk Metrics** Fund **Bmark** Cat Alpha 1.96 1.68 0.94 0.95 Beta \_ **R-Squared** 99.14 98.43 Standard Deviation 15 77 16 78 16 07 Sharpe Ratio 1.14 1.03 1.12 Tracking Error 1.81 2.10 Information Ratio 0.62 0.56 Up Capture Ratio 99.04 99.94 Down Capture Ratio 91.67 93.93

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 19 18 18 14 19.70 Price/Book Ratio 2.73 2.50 2.77 Avg Eff Duration 7 37 6 64

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Morningstar Index Morningstar Lifetime Mod 2055 TR

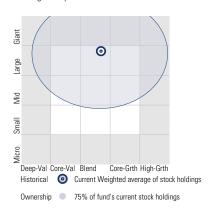
USD

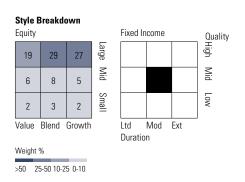
**Total Return %** 

20%

# Vanguard Target Retirement 2055 Fund VFFVX

**Style Analysis** as of 12-31-2021 Morningstar Style Box<sup>™</sup>





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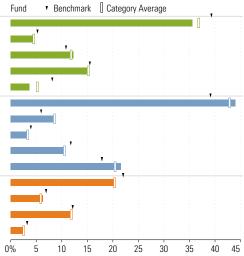
Other	0.11	5.27
Cash	2.70	1.52
Bonds	9.05	4.53
Non-US Stocks	34.80	34.51
US Stocks	53.35	54.17
Asset Class	Net %	Cat%

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

#### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat	Fund	<ul> <li>Benchm</li> </ul>
Դ	Cyclical	35.56	39.15	36.81		
ŵ.	Basic Materials	4.63	5.11	4.51		_
A	Consumer Cyclical	12.32	10.69	11.83		)
цů,	Financial Services	14.97	15.35	15.24		-
ŵ	Real Estate	3.64	8.00	5.23		•
w,	Sensitive	44.01	38.97	42.85		_
d	Communication Services	8.34	5.82	8.56	_	
0	Energy	3.50	3.81	3.32		_
٥	Industrials	10.63	11.62	10.53		]
	Technology	21.54	17.72	20.44		
<b>→</b>	Defensive	20.43	21.87	20.34		-
F	Consumer Defensive	6.30	6.79	5.89		0
٠	Healthcare	11.55	12.00	11.90	_	
2	Utilities	2.58	3.08	2.55		
						10



#### Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Or Stock Mkt Idx Inv     Stock Mkt Idx     Stock Mkt     Stock Mkt	-	53.88	53.88	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.65	89.53	-	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	6.47	96.00	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	2.67	98.66	-	-
① Mktliq 12/31/2049	-	1.09	99.76	-	_
$\oplus$ Vanguard Total Intl Bd II Idx Investor	_	0.19	99.95	-	-
🛨 Us Dollar	-	0.05	100.00	_	-

#### Total Holdings 7

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



### Vanguard Target Retirement 2060 Fund VTTSX

### Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2060 category's top three quartiles in 8 of the 9 years it's been in existence.

Management: The fund's management has been in place for 8.86 years.

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

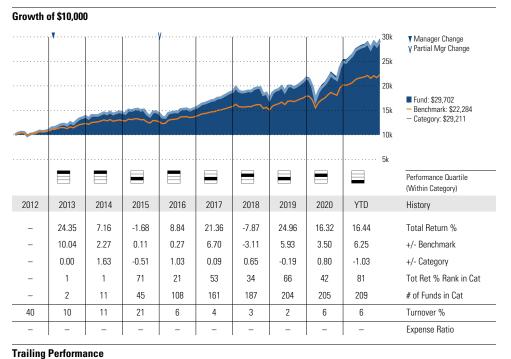
Net Expense: The fund's expense ratio of 0.15 is 79.17% lower than the Target-Date 2060 category average.

#### **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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021



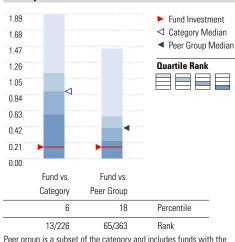
Alpha

Morningstar Category

Target-Date 2060

#### 3 Month 1 Year 3 year 5 year 10 year 5.66 16.44 19.17 13.61 3.43 10.19 13.95 10.07 8.75 5.83 17 47 13 45 19.28 66 81 67 57 226 209 189 140

Net Expense



13/220 03/303 HdHk	
er group is a subset of the category and includes	s funds with the
ne management style (active vs. passive) and si	milar share class
aracteristics.	

as of 12-31-2021 Fund 15 Benchmark Category 10 5 Λ Average annual, if greater than 1 year Since Inception Fund Return % 11.62 6.93 Benchmark Return % Category Average % \_ % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat -0.81 -1.18

20%

**Total Return %** 

Beta	1.44	-	1.47
R-Squared	98.94	-	97.94
Standard Deviation	15.75	10.91	16.20
Sharpe Ratio	1.14	1.18	1.12
Tracking Error	5.03	-	5.64
Information Ratio	1.04	-	0.94
Up Capture Ratio	142.33	-	144.58
Down Capture Ratio	151.31	-	156.44

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.21	17.96	19.81
Price/Book Ratio	2.74	2.46	2.84
Avg Eff Duration	7.32	6.79	6.51

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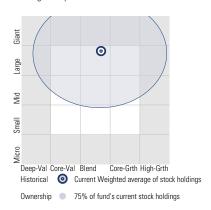


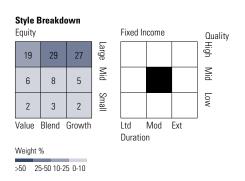
Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2060 Fund VTTSX

**Style Analysis** as of 12-31-2021 Morningstar Style Box™





### Top 7 Holdings as of 12-31-2021

F		
ļ	50	

Asset Allocation as of 12-31-2021

Total	100.00	100.00
Other	0.11	3.68
Cash	2.78	2.14
Bonds	9.09	5.31
Non-US Stocks	34.46	33.94
US Stocks	53.55	54.92
Asset Class	Net %	Cat%

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Morningstar Category

Target-Date 2060

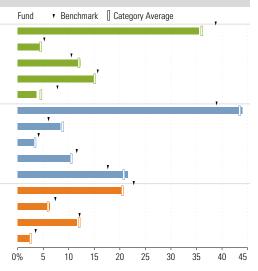
Cat

36.04

# Fund Bmark Cyclical 35.52 38.62 Basic Materials 4.60 5.07

Sector Weighting as of 12-31-2021

<i>.</i>	Basic Materials	4.60	5.07	4.48
A	Consumer Cyclical	12.33	10.38	11.98
ц.	Financial Services	14.96	15.53	15.04
ŵ	Real Estate	3.63	7.64	4.54
₩.	Sensitive	44.04	38.79	43.45
đ	Communication Services	8.35	5.90	8.82
0	Energy	3.50	3.96	3.39
Ф	Industrials	10.61	11.42	10.48
	Technology	21.58	17.51	20.76
-	Defensive	20.43	22.58	20.50
E	Consumer Defensive	6.30	7.23	5.95
٠	Healthcare	11.55	11.97	12.04
2	Utilities	2.58	3.38	2.51



Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
-	54.09	54.09	_	_
-	35.30	89.39	_	-
-	6.73	96.12	_	-
-	2.27	98.39	_	-
-	1.14	99.53	-	-
-	0.38	99.91	-	-
-	0.09	100.00	-	-
	, _ _ _ _ _ _	- 54.09 - 35.30 - 6.73 - 2.27 - 1.14 - 0.38	- 54.09 54.09 - 35.30 89.39 - 6.73 96.12 - 2.27 98.39 - 1.14 99.53 - 0.38 99.91	- 54.09 54.09 - - 35.30 89.39 - - 6.73 96.12 - - 2.27 98.39 - - 1.14 99.53 - - 0.38 99.91 -

#### Total Holdings 7

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



### Vanguard Target Retirement 2065 Fund VLXVX

### Portfolio Manager(s)

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

#### Quantitative Screens

× *Performance:* The fund has finished in the Target-Date 2065+ category's top three quartiles in 2 of the 4 years it's been in existence.

Management: The fund's management has been in place for 4.47 years.

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

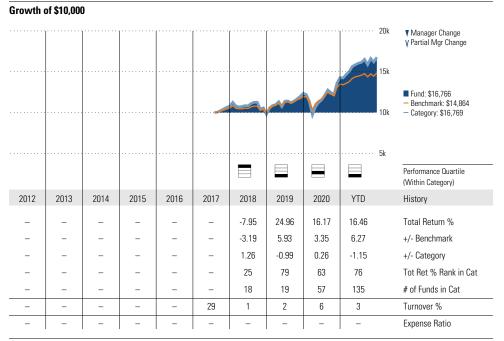
Net Expense: The fund's expense ratio of 0.15 is 78.87% lower than the Target-Date 2065+ category average.

#### Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen but we maintain our long-term conviction in this target-date series and continue to be comfortable recommending it for retirement plans.

#### ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

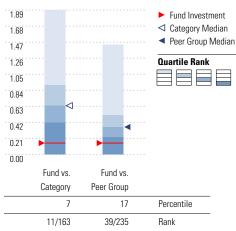


**Morningstar Category** 

Target-Date 2065+







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

5 Λ Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha -0.89 -1.51 1.53 Beta 1 4 4 \_ R-Squared 98.95 98.02 Standard Deviation 15 79 10.91 16.83 Sharpe Ratio 1.14 1.18 1.10 Tracking Error 5.06 6.23 Information Ratio 1.02 0.92

20%

15

10

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.13	17.96	18.85
Price/Book Ratio	2.71	2.46	2.63
Avg Eff Duration	7.31	6.79	6.56

142.38

151.85

Up Capture Ratio

Down Capture Ratio

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148.16

160.92

Morningstar Index

Morningstar Mod Tgt Risk TR USD

**Total Return %** 

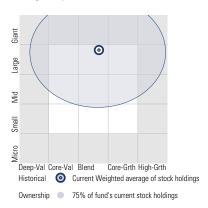
as of 12-31-2021 Fund

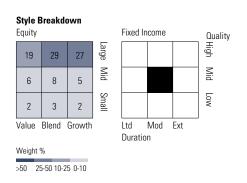
Benchmark

Category

## Vanguard Target Retirement 2065 Fund VLXVX

**Style Analysis** as of 12-31-2021 Morningstar Style Box™





# 

Asset Class	Net %	Cat%
US Stocks	52.71	46.42
Non-US Stocks	35.19	38.57
Bonds	9.12	7.50
Cash	2.87	2.10
Other	0.11	5.42
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

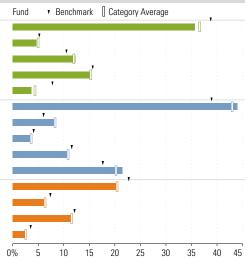
Morningstar Category

Target-Date 2065+

### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

		Fund	Bmark	Cat	
Դ	Cyclical	35.64	38.62	36.60	
æ.	Basic Materials	4.66	5.07	4.97	
	Consumer Cyclical	12.33	10.38	11.97	
ц.	Financial Services	15.01	15.53	15.29	
ŵ	Real Estate	3.64	7.64	4.37	
w	Sensitive	43.96	38.79	42.97	
	Communication Services	8.32	5.90	8.29	
0	Energy	3.52	3.96	3.61	
¢	Industrials	10.65	11.42	10.84	
	Technology	21.47	17.51	20.23	
-	Defensive	20.42	22.58	20.43	
F	Consumer Defensive	6.31	7.23	6.34	
٠	Healthcare	11.53	11.97	11.53	
<b>9</b>	Utilities	2.58	3.38	2.56	



#### Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Inv	-	53.23	53.23	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.06	89.29	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	6.80	96.09	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	1.71	97.81	_	-
⊖ Mktliq 12/31/2049	-	1.27	99.08	-	_
$\oplus$ Vanguard Total Intl Bd II Idx Investor	_	0.89	99.97	_	-
🕀 Us Dollar	_	0.03	100.00	_	-

#### Total Holdings 7

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



### Vanguard Target Retirement Income Fund VTINX

Portfolio Manager(s)

Walter Nejman since 02-2013 William Coleman since 02-2013

#### Quantitative Screens

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

Management: The fund's management has been in place for 8.86 years.

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

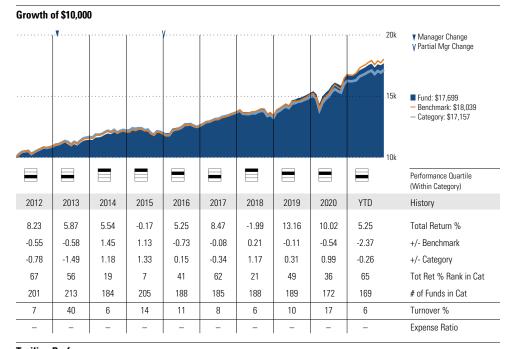
Net Expense: The fund's expense ratio of 0.12 is 82.61% lower than the Target-Date Retirement category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

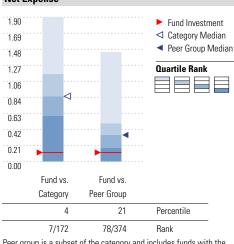


Morningstar Category

Target-Date Retirement



Net Expense



/5					
3-Year Risk Metrics					
	Fund	Bmark	Cat		
Alpha	0.72	-	-0.45		
Beta	0.83	-	0.92		
R-Squared	97.05	-	93.71		
Standard Deviation	5.87	6.97	6.64		
Sharpe Ratio	1.42	1.34	1.24		
Tracking Error	1.56	-	2.09		
Information Ratio	-0.66	-	-0.50		
Up Capture Ratio	84.36	-	87.16		
Down Capture Ratio	72.74	-	85.98		

Morningstar Index Morningstar Lifetime Mod Incm TR

USD

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.09	19.96	19.67
Price/Book Ratio	2.71	2.84	2.74
Avg Eff Duration	6.22	5.68	6.65

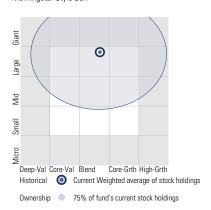
Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

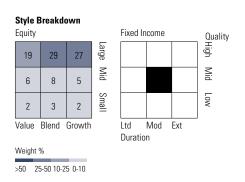
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## Vanguard Target Retirement Income Fund VTINX

Style Analysis as of 12-31-2021 Morningstar Style Box™





# 100 50

Fund

35.67

4.68

12.33

15.01

3.65

43.90

8.30

3.51

10.67

21.42

20.42

6.34

11.50

2.58

Bmark

38.72

4.23

10.13

14.34

10.02

38.83

5.79

3.48

10.91

18.65

22.44

6.71

12.67

3.06

Asset Allocation as of 12-31-2021

Sector Weighting as of 12-31-2021

Basic Materials

**Consumer Cyclical** 

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

0

Դ Cyclical

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3

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Energy

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Utilities

#### Asset Class Net % Cat% US Stocks 17.36 17.85 Non-US Stocks 9.93 11.75 Bonds 66.98 52.06 Cash 3.40 6.26 Other 0.50 13.91 Total 100.00 100.00

**Morningstar Category** 

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Benchmark [] Category Average Fund Cat 38.21 4.17 11.18 14.51 8.35 0 41.44 7.69 3.56 10.12 20.07 20.35 6.20 11.32 2.83 10 15 20 25 30 35 40 45 0% 5

#### Top 8 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	36.70	36.70	_	_
Vanguard Total Stock Mkt Idx Inv	-	17.54	54.24	_	-
€ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	16.89	71.12	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	15.75	86.87	_	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	12.05	98.92	-	-
⊕ Mktliq 12/31/2049	_	0.91	99.83	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Investor	-	0.16	99.99	-	-
$\oplus$ Us Dollar	-	0.01	100.00	-	-

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Portfolio Manager(s)

S. Leech since 08-2013

Quantitative Screens

years it's been in existence.

place for 15.01 years.

average.

**ESG Metrics** 

Sustainability Rating

Rating

2

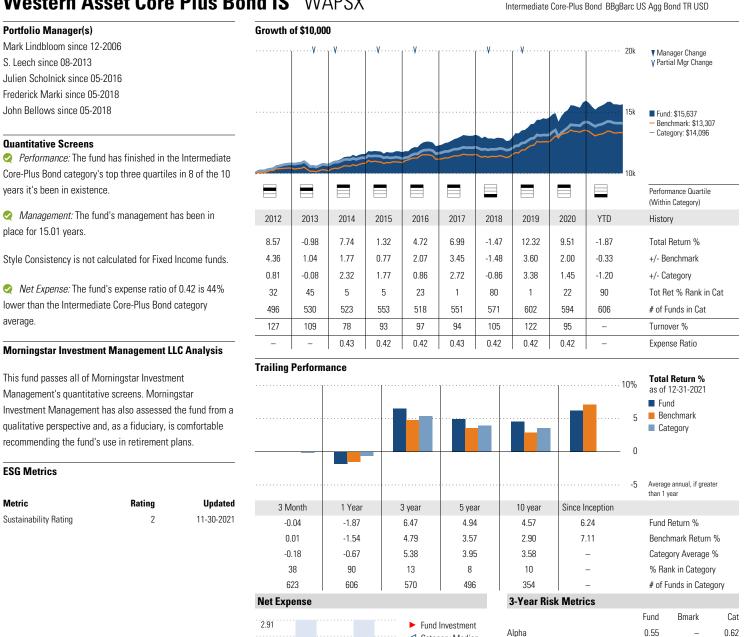
Metric

Mark Lindbloom since 12-2006

Julien Scholnick since 05-2016 Frederick Marki since 05-2018 John Bellows since 05-2018

### Western Asset Core Plus Bond IS WAPSX

Morningstar Category Morningstar Index



Beta

R-Squared

Sharpe Ratio

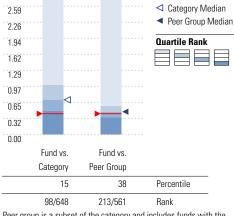
Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation



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

**Portfolio Metrics** Fund Bmark Cat Avg Eff Duration 6 80 4 43 6 17 Avg Eff Maturity 12.79 8.05

1 2 4

61.55

5 38

1.05

3.43

0.49

142.24

156.72

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1.02

61.97

4 62

1.05

2.93

0.27

115.36

117.26

\_

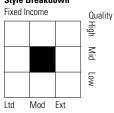
3 40

1 18

### Western Asset Core Plus Bond IS WAPSX

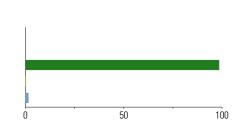
### Style Analysis as of 12-31-2021





Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	44.17	3.53	46.15
AA	5.38	74.59	5.13
A	14.14	10.82	11.59
BBB	18.20	8.32	21.70
BB	9.07	0.28	7.39
В	2.56	0.00	2.84
Below B	1.01	0.00	1.36
Not Rated	5.47	2.46	3.84



#### Asset Class Net % Cat% US Stocks 0.11 0.00 Non-US Stocks 0.00 0.00 Bonds 98.43 95.54 Cash 0.14 2.35

1.43

100.00

2.02

100.00

### Sector Weighting as of 12-31-2021

Asset Allocation as of 12-31-2021

	Fund	Bmark	Cat	Fund	<b>T</b>	Benchmark	Categ	ory Avera	ge		
Government	31.04	-	27.15								
Treasury	30.58	-	17.21								
Inflation – Protected	0.17	-	0.70	1							
Agency/Quasi Agency	0.28	-	0.73	1							
Other Government Related	0.01	-	8.51			0					
Corporate	30.51	-	28.89								
Corporate Bond	24.69	-	26.80								
Bank Loan	4.71	-	0.68								
Convertible	1.11	-	1.26								
Preferred	0.00	-	0.15								
Securitized	17.28	-	31.43							[	
Agency MBS Pass-Through	9.50	-	14.81				[				
Agency MBS ARM	0.23	-	0.03	0							
Agency MBS CMO	1.65	-	1.91								
Non-Agency Residential MBS	0.79	-	0.59								
Commercial MBS	2.09	-	4.61								
Asset-Backed	3.02	-	9.46								
Covered Bond	0.00	-	0.02	0							
Municipal	0.02	_	1.08	1							
Cash & Equivalents	2.26	-	9.16			0					
Other	18.90	-	2.10	)							
				0%	5	10	15	20	25	30	3

Other

Total

#### Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Usd/Eur Ffx Due 011822-Cross	01-2022	4.26	4.26	_
⊕ Usd/Eur Ffx Due 011822	01-2022	4.19	8.45	-
⊕ Cad/Usd Ffx Due 011822	01-2022	3.03	11.48	-
⊕ Cad/Usd Ffx Due 011822-Cross	01-2022	3.02	14.50	-
United States Treasury Notes 1.25%	04-2028	2.53	17.03	_
🕀 Usd/Eur Ffx Due 011822-Cross	01-2022	2.45	19.48	-
⊕ Usd/Eur Ffx Due 011822	01-2022	2.44	21.92	-
China (People's Republic Of) 3.29%	05-2029	2.22	24.13	-
United States Treasury Notes 0.25%	05-2025	2.18	26.32	-
$oldsymbol{\oplus}$ United States Treasury Bonds 1.25%	_	2.06	28.38	-

#### Total Holdings 2893

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Index **Morningstar Category** 

Intermediate Core-Plus Bond BBgBarc US Agg Bond TR USD