# American Funds Europacific Growth R6 RERGX

### Portfolio Manager(s)

Carl Kawaja 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 10 of the 10 years it's been in existence.

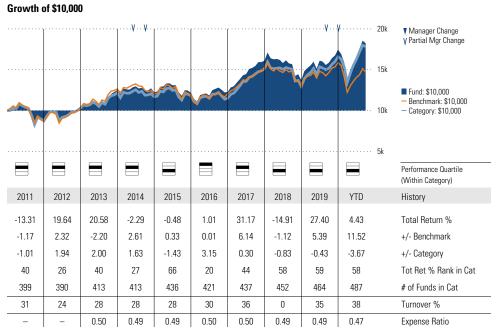
*Management:* The fund's management has been in place for 19.35 years.

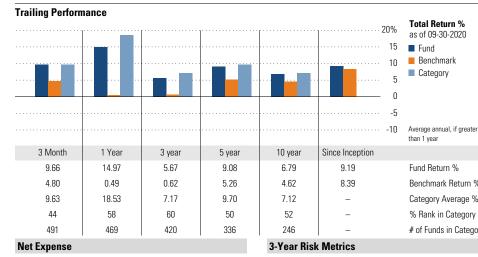
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

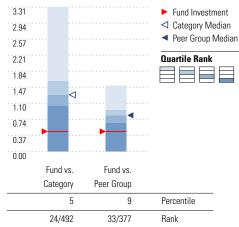
Net Expense: The fund's expense ratio of 0.46 is 57.8% lower than the Foreign Large Growth category average.

#### 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.







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 5.06 6.53 0.99 Beta 1 08 R-Squared 93.44 17.32 Standard Deviation 15 45 16 45 Sharpe Ratio 0.31 0.01 0.39 Tracking Error 4.62 6.04 Information Ratio 1.09 1.09 Up Capture Ratio 119.07 112.94 Down Capture Ratio 95.90 83.01

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 29.69 19.92 27.17 Price/Book Ratio 2.69 1.54 3.47 Geom Avg Mkt Cap \$B 54 79 36.00 51 10 ROE 12.41 12.77 16.53

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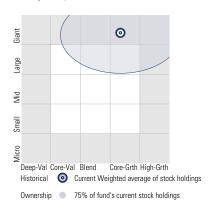
Morningstar Category

Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

# American Funds Europacific Growth R6 RERGX

Style Analysis as of 09-30-2020 Morningstar Style Box™





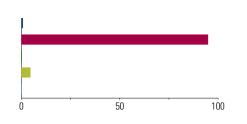


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2020

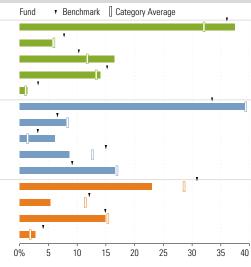


#### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat
Դ	Cyclical	37.41	35.93	32.06
æ.	Basic Materials	5.59	7.60	5.95
	Consumer Cyclical	16.45	10.16	11.77
ц.	Financial Services	14.04	15.09	13.31
ŵ	Real Estate	1.33	3.08	1.03
V.	Sensitive	39.55	33.35	39.34
	Communication Services	8.09	6.44	8.36
0	Energy	6.16	3.03	1.38
Ф	Industrials	8.69	14.87	12.67
	Technology	16.61	9.01	16.93
	Defensive	23.03	30.72	28.60
F	Consumer Defensive	5.37	11.99	11.42
٠	Healthcare	14.91	14.77	15.34
9	Utilities	2.75	3.96	1.84

Asset Class	Net %	Cat%
US Stocks	0.63	7.02
Non-US Stocks	94.83	89.91
Bonds	0.06	-0.01
Cash	4.45	2.55
Other	0.02	0.54
Total	100.00	100.00



	Greater Asia	Fund % 46.90	Cat % 32.77	Americas	Fund % 11.64	Cat % 12.36	Greater Europe	Fund % 41.45	Cat % 54.86	Market Maturity	Fund %
7.	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	15.22 1.10 8.93 21.65	13.77 1.77 6.25 10.98	North America Central/Latin	4.56 7.08	10.45 1.91	United Kingdom W euro-ex UK Emrgng Europe Africa	8.39 31.31 0.75 1.00	10.50 42.96 0.39 1.01	Developed Markets Emerging Markets Not Available	70.27 29.73 0.00
>75	Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2020

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$ onumber  onumber$ $ e  ext{Capital Group Central Cash Fund} $	4.48	4.48	_	_
ightarrow Reliance Industries Ltd	3.61	8.09	49.41	Energy
igodolog Alibaba Group Holding Ltd Ordinary Shares	2.75	10.83	-	Consumer Cyclical
$\ni$ ASML Holding NV	2.34	13.18	19.85	Technology
$\ominus$ AIA Group Ltd	2.24	15.42	-5.64	Financial Services
Đ Daiichi Sankyo Co Ltd	2.21	17.63	36.19	Healthcare
$\ni$ MercadoLibre Inc	2.11	19.74	89.26	Consumer Cyclical
$\ni$ Shopify Inc A	1.71	21.46	163.74	Technology
$\ni$ Keyence Corp	1.71	23.17	27.77	Technology
🕀 Taiwan Semiconductor Manufacturing Co Ltd	1.68	24.85	33.08	Technology

#### Total Holdings 333

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category Morningstar Index** Foreign Large Growth

MSCI EAFE NR USD

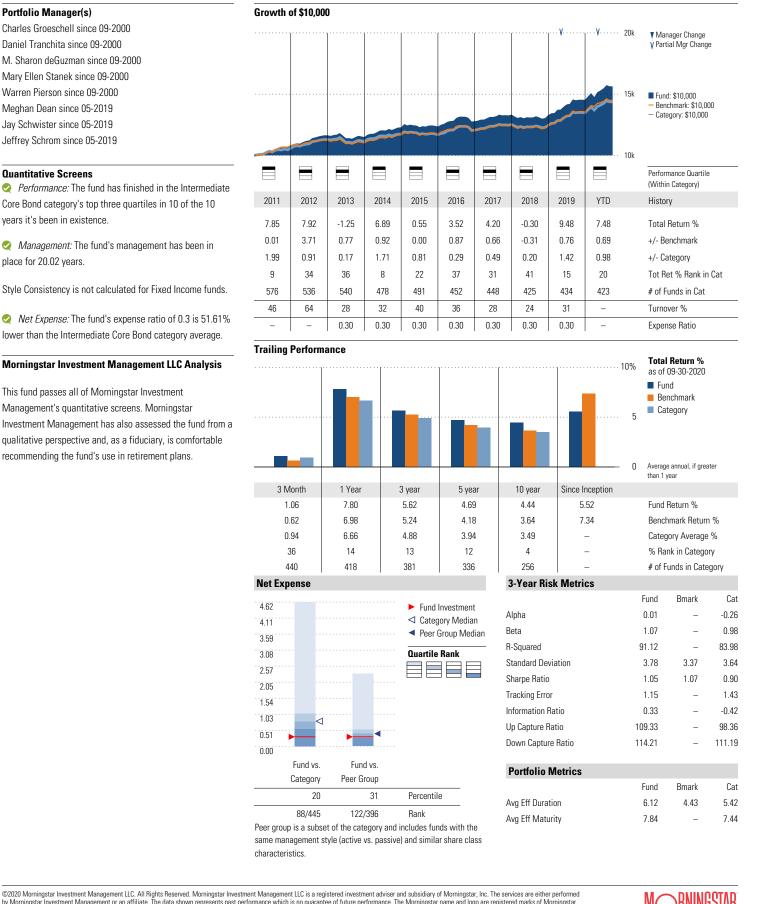
# Baird Aggregate Bond Inst BAGIX

Morningstar Category

Intermediate Core Bond

Morningstar Index

BBgBarc US Agg Bond TR USD



Charles Groeschell since 09-2000 Daniel Tranchita since 09-2000 M. Sharon deGuzman since 09-2000 Mary Ellen Stanek since 09-2000 Warren Pierson since 09-2000 Meghan Dean since 05-2019 Jay Schwister since 05-2019 Jeffrey Schrom since 05-2019

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 20.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 51.61% lower than the Intermediate Core Bond category average.

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

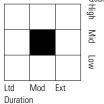
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

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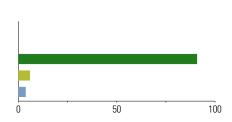
# Baird Aggregate Bond Inst BAGIX

## Style Analysis as of 09-30-2020 Style Breakdown Fixed Income Quality



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	55.30	3.53	41.98
AA	3.80	74.59	11.97
A	16.60	10.82	26.54
BBB	23.40	8.32	13.91
BB	0.90	0.28	3.29
В	0.00	0.00	1.09
Below B	0.00	0.00	0.43
Not Rated	0.00	2.46	0.80

Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	90.75	91.64
Cash	5.72	5.61
Other	3.53	2.73
Total	100.00	100.00

**Morningstar Index** 

BBgBarc US Agg Bond TR USD

**Morningstar Category** 

Intermediate Core Bond

#### Sector Weighting as of 09-30-2020

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Av	erage	
Government	19.14	-	24.06					
Treasury	19.08	-	18.63					
Inflation – Protected	0.00	-	1.62	[				
Agency/Quasi Agency	0.04	-	1.34					
Other Government Related	0.02	-	2.47	[				
Corporate	42.43	-	30.16				)	
Corporate Bond	38.96	-	28.60					
Bank Loan	0.00	-	0.23	0				
Convertible	3.47	_	1.31					
Preferred	0.00	_	0.02	0				
Securitized	31.37	-	33.95					
Agency MBS Pass-Through	18.45	-	22.85					
Agency MBS ARM	0.00	_	0.08	0				
Agency MBS CMO	4.30	_	4.85					
Non-Agency Residential MBS	0.93	_	0.27	0				
Commercial MBS	4.47	-	0.74					
Asset-Backed	3.22	-	5.16					
Covered Bond	0.00	-	0.00	0				
Municipal	1.34	-	0.94	•0				
Cash & Equivalents	5.72	_	7.88					
Other	0.00	_	3.02	1				

### Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ First American Government Obligs U	02-2030	4.68	4.68	_
⊕ United States Treasury Bonds 2.88%	05-2043	4.62	9.30	-
⊖ United States Treasury Notes 1.88%	03-2022	3.80	13.09	-
⊕ United States Treasury Bonds 2.5%	02-2045	3.45	16.54	-
⊕ United States Treasury Notes 2.13%	12-2022	1.64	18.19	-
⊕ United States Treasury Notes 2%	11-2026	1.50	19.68	-
⊕ United States Treasury Bonds 2.88%	05-2049	1.37	21.05	-
⊕ United States Treasury Notes 2.5%	05-2024	1.32	22.37	-
⊕ United States Treasury Notes 2.25%	11-2027	0.88	23.25	_
⊕ Fidelity® Inv MM Fds Government Instl	12-2050	0.70	23.95	-

#### Total Holdings 1435

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio



# Eaton Vance Income Fund of Boston R6 EIBRX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 5.91 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.66 is 31.96% lower than the High Yield Bond category average.

#### Morningstar Investment Management LLC Analysis

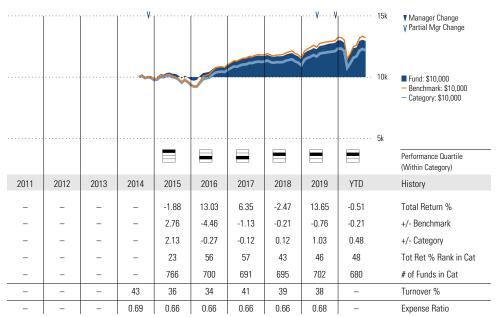
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.





High Yield Bond

Morningstar Index ICE BofA US High Yield TR USD



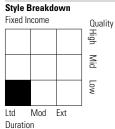


Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.



# Eaton Vance Income Fund of Boston R6 EIBRX

## Style Analysis as of 09-30-2020



0 50 100

#### Asset Class Net % Cat% US Stocks 0.64 0.39 Non-US Stocks 0.03 0.09 Bonds 95.27 94.14 Cash 3.42 3.70 Other 0.83 1.50 Total 100.00 100.00

Morningstar Index

ICE BofA US High Yield TR USD

Morningstar Category

High Yield Bond

#### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	-	1.80
AA	0.00	-	0.09
A	0.00	-	1.78
BBB	3.74	-	3.65
BB	45.75	-	27.67
В	34.05	-	37.31
Below B	13.06	-	26.02
Not Rated	3.41	-	1.69

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	0.00	-	1.13	10		
Treasury	0.00	-	0.90	0		
Inflation - Protected	0.00	-	0.00	İ.		
Agency/Quasi Agency	0.00	-	0.09	0		
Other Government Related	0.00	-	0.14	0		
Corporate	96.55	-	88.00			
Corporate Bond	90.88	-	84.08			<b>(</b>
Bank Loan	5.21	-	2.79			
Convertible	0.23	-	0.92	0		
Preferred	0.23	-	0.21	]		
Securitized	0.00	-	1.18	10		
Agency MBS Pass-Through	0.00	-	0.02	0		
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.17	0		
Non-Agency Residential MBS	0.00	-	0.18			
Commercial MBS	0.00	-	0.14	0		
Asset-Backed	0.00	-	0.67	0		
Covered Bond	0.00	-	0.00	0		
Municipal	0.00	-	0.00	0		
Cash & Equivalents	3.45	-	4.90			
Other	0.00	-	4.79			

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

#### Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
$\oplus$ Ev Cash Reserves Fund Llc	-	3.23	3.23	-
⊕ iShares iBoxx \$ High Yield Corp Bd ETF	_	1.26	4.49	-
⊖ SPDR® BImbg Barclays High Yield Bd ETF	_	1.17	5.67	-
Asurion	08-2025	1.03	6.70	-
T-Mobile US, Inc. 7.88%	09-2023	0.82	7.52	-
MPH Acquisition Holdings LLC 7.12%	06-2024	0.74	8.25	-
⊕ Molina Healthcare, Inc. 4.38%	06-2028	0.63	8.89	-
Hub International Limited 7%	05-2026	0.61	9.50	-
€ Centene Corporation 3.38%	02-2030	0.58	10.08	-
Kraft Heinz Foods Company 4.38%	06-2046	0.56	10.63	-

#### Total Holdings 615

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



# Federated Hermes Govt Ultrashort R6 FGULX

## Portfolio Manager(s)

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

Quantitative Screens

*Performance:* The fund has finished in the Ultrashort Bond category's top three quartiles in 3 of the 4 years it's been in existence.

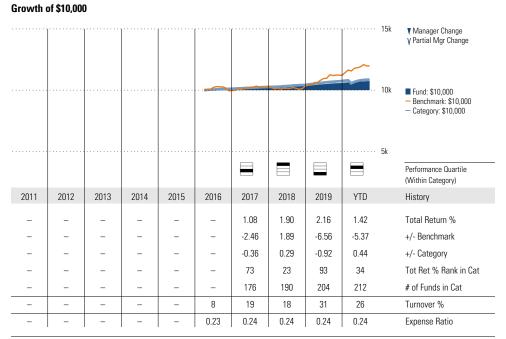
Management: The fund's management has been in place for 23.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.24 is 46.67% lower than the Ultrashort Bond category average.

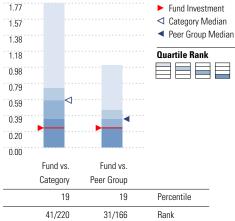
#### **Morningstar Investment Management LLC Analysis**

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









-   -	# 011	unus in cate	yury
3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.57	-	1.16
Beta	0.06	-	0.16
R-Squared	19.41	-	12.03
Standard Deviation	0.46	3.37	1.81
Sharpe Ratio	0.58	1.07	0.24
Tracking Error	3.19	-	3.48
Information Ratio	-1.05	-	-0.96
Up Capture Ratio	19.09	-	29.17
Down Capture Ratio	-21.22	-	8.85

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.85	4.43	0.96
Avg Eff Maturity	2.68	-	3.12

same management style (active vs. passive) and similar share class characteristics.

Peer group is a subset of the category and includes funds with the

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Morningstar Index **Morningstar Category** 

Ultrashort Bond

BBgBarc US Agg Bond TR USD

# Federated Hermes Govt Ultrashort R6 FGULX

## Style Analysis as of 09-30-2020





Duration

1		
		_
0	50	100

Other	0.00	2.29
Cash	27.58	28.35
Bonds	72.42	69.26
Non-US Stocks	0.00	0.02
US Stocks	0.00	0.08
Asset Class	Net %	Cat%

#### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	34.40
AA	0.00	74.59	11.24
A	0.00	10.82	25.82
BBB	0.00	8.32	17.73
BB	0.00	0.28	3.02
В	0.00	0.00	1.31
Below B	0.00	0.00	0.66
Not Rated	0.00	2.46	5.82

	Fund	Bmark	Cat	Fund	۲	Bench	nmark	[] (	Categ	ory A	vera	je			
Government	11.33	-	12.21		-										
Treasury	1.93	-	3.96												
Inflation - Protected	0.00	-	0.05	Î î											
Agency/Quasi Agency	9.40	-	1.41												
Other Government Related	0.00	-	6.79												
Corporate	0.00	-	34.09												
Corporate Bond	0.00	-	31.41						0						
Bank Loan	0.00	-	0.59	0											
Convertible	0.00	-	2.09												
Preferred	0.00	-	0.00	0											
Securitized	61.08	-	23.27					0							
Agency MBS Pass-Through	0.08	-	1.13	10											
Agency MBS ARM	0.34	-	0.39	0											
Agency MBS CMO	60.66	-	1.26												
Non-Agency Residential MBS	0.00	-	0.40	0											
Commercial MBS	0.00	-	4.13	1											
Asset-Backed	0.00	-	15.91			[									
Covered Bond	0.00	-	0.05	0											
Municipal	0.00	-	2.79												
Cash & Equivalents	27.58	-	27.50												
Other	0.00	-	0.06												
				0% 5	10	15	20	25	30	35	40	45	50	55	60 65

#### Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
🕀 Bofam Repo 1 Repo	07-2020	12.65	12.65	-
🕀 Bmocap Repo 6 Repo	07-2020	9.90	22.56	-
⊖ Federal National Mortgage Association 0.68%	08-2059	4.15	26.71	-
● FHLMC Pc Prepay Prm 30 0.63%	09-2049	3.53	30.24	-
$\odot$ Federal Home Loan Mortgage Corporation 0.63%	01-2050	3.03	33.27	_
€ Federal National Mortgage Association 0.63%	06-2050	2.86	36.13	_
⊕ Federal National Mortgage Association 0.58%	07-2049	2.60	38.72	-
⊖ Government National Mortgage Association 2.26%	03-2067	2.53	41.25	-
igodot Federal National Mortgage Association 0.53%	10-2058	2.40	43.65	-
igodot Government National Mortgage Association 0.82%	02-2065	2.39	46.05	-

#### Total Holdings 253

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Ultrashort Bond

Morningstar Index BBgBarc US Agg Bond TR USD

# Invesco Growth and Income R6 GIFFX

### Portfolio Manager(s)

Sergio Marcheli since 03-2003 Brian Jurkash since 12-2015 Matthew Titus since 01-2016

#### Quantitative Screens

Performance: The fund has finished in the Large Value category's top three quartiles in 6 of the 8 years it's been in existence.

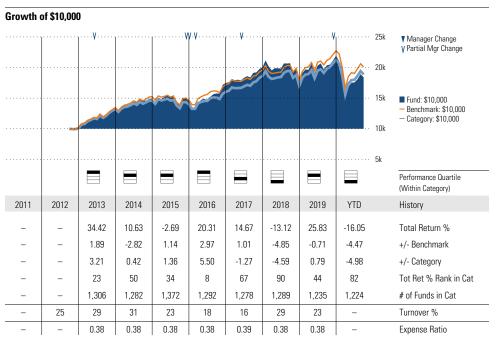
*Management:* The fund's management has been in place for 17.6 years.

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 0.39 is 58.51% lower than the Large Value category average.

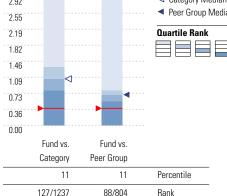
#### **Morningstar Investment Management LLC Analysis**

We are placing this fund on watch due to the retirement of longtime manager Tom Bastian at the end of 2019. Although the retirement was expected and there are some experienced remaining team members, there have been substantial changes to the management team in recent years, and Bastian was the longest tenured. While the fund is on watch, we will monitor the consistency of the current management team's process and performance.



#### 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.

Cat -0.21 0.99 96.08 Standard Deviation 21.06 18.33 18 50 Sharpe Ratio -0.03 0 15 0.14 Tracking Error 4.01 3.93 Information Ratio -0.98 -0.07 Up Capture Ratio 103.17 99.08 Down Capture Ratio 120.45 100.37 **Portfolio Metrics** Fund Bmark Cat D ... 40.00 04 0 40.0-

Price/Earnings Ratio	13.86	21.67	19.07
Price/Book Ratio	1.31	2.42	1.79
Geom Avg Mkt Cap \$B	54.76	64.52	92.25
ROE	15.86	17.16	15.63

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On Watch

0

**Morningstar Category** 

Large Value

Morningstar Index

Russell 1000 Value TR USD

# Invesco Growth and Income R6 GIFFX

! On Watch

Benchmark [] Category Average

**Morningstar Category** 

Large Value

Asset Class

US Stocks

Bonds

Cash

Other

Total

Fund

100

Cat

32.04

3.44

7.40

18.22

2.98

37.80

8.59

5.39

11.73

12.09

30.16

9.16

15.59

5.41

0%

5

10

15

20

25

30

35 40

Bmark

29.55

3.27

7.98

14 15

4.15

38.74

11.49

2.98

12.58

11.69

31.70

10.24

17.09

4.37

Fund

36.09

4.78

6.78

24.53

0.00

35.48

4.60

6.85

10.16

13.87

28.43

6.84

18.64

2.95

Non-US Stocks

Morningstar Index

Russell 1000 Value TR USD

Net %

84.55

13.37

0.00

2.08

0.00

100.00

Cat%

91.43

6.15

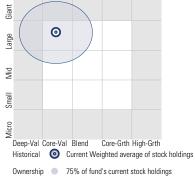
-0.04

1.41

1.05

100.00

Style Analysis as of 09-30-2020	Asset Allocation as of 09-30-2020
Morningstar Style Box™	







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Stsb_gl_fxgl	4.77	4.77	_	_
€ Citigroup Inc	3.15	7.93	-44.12	Financial Services
igodolog Bank of America Corp	3.00	10.93	-30.07	Financial Services
i Johnson & Johnson	2.99	13.91	4.10	Healthcare
igop Philip Morris International Inc	2.98	16.89	-7.71	Consumer Defensive
$\supset$ Morgan Stanley	2.68	19.57	-3.36	Financial Services
$oldsymbol{eta}$ Goldman Sachs Group Inc	2.58	22.15	-10.96	Financial Services
ige = 0 General Motors Co	2.56	24.72	-18.11	Consumer Cyclical
igodolog General Dynamics Corp	2.53	27.24	-19.68	Industrials
igodological Cognizant Technology Solutions Corp A	2.39	29.64	13.00	Technology
$\ominus$ American International Group Inc	2.37	32.01	-44.50	Financial Services
$\ni$ Anthem Inc	2.30	34.30	-10.13	Healthcare
$\supset$ Oracle Corp	2.27	36.57	14.04	Technology
€ Meln_gl_fxgl	2.27	38.84	-	-
$\ominus$ PNC Financial Services Group Inc	2.25	41.09	-28.99	Financial Services

50

Sector Weighting as of 09-30-2020

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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** 

#### Total Holdings 81

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



# Invesco Oppenheimer International Gr A OIGAX

### Portfolio Manager(s)

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

#### Quantitative Screens

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

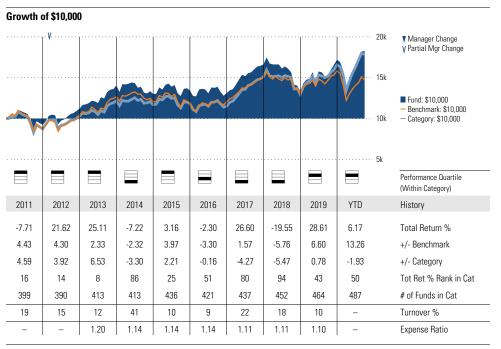
Management: The fund's management has been in place for 24.53 years.

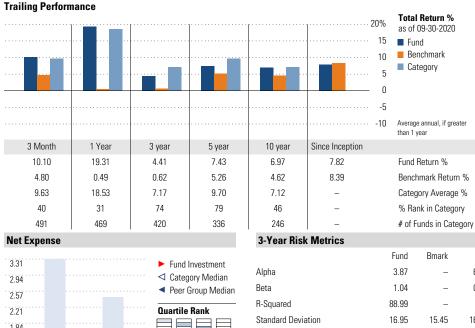
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 1.1 is 0.92% higher than the Foreign Large Growth category average.

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

We are placing Invesco Oppenheimer International Growth on watch for performance. This fund has struggled recently, most notably in 2018 when it fell further than its category peers and benchmark index. In the first half of 2019, the fund outpaced its prospectus benchmark and kept pace with its peers in the Foreign Large Growth Morningstar Category, but it could take some time for this fund to regain its standings in the category. There's reason for hope, as manager George Evans has led the effort here for over twenty years and long-term results are still competitive. We'll be watching for better relative performance in the coming quarters.





1.84 1.47 1.10 0.74 0.37 Fund vs Fund vs Peer Group Category 58 27 Percentile 39/148 286/492 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.

Cat 6.53 0.99 16 45 Sharpe Ratio 0 24 0.01 0.39 Tracking Error 5.65 6.04 Information Ratio 0.67 1.09 Up Capture Ratio 111.34 112.94 Down Capture Ratio 93.88 83.01 **Portfolio Metrics** Fund Bmark Cat

Price/Earnings Ratio	27.40	19.92	27.17
Price/Book Ratio	4.62	1.54	3.47
Geom Avg Mkt Cap \$B	35.62	36.00	51.10
ROE	19.63	12.77	16.53

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On Watch

A

**Morningstar Category** 

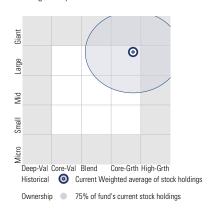
Foreign Large Growth

Morningstar Index

MSCI EAFE NR USD

# Invesco Oppenheimer International Gr A OIGAX

**Style Analysis** as of 09-30-2020 Morningstar Style Box™





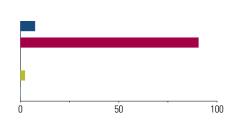


Weight %

<25

>50 25-50 10-25 0-10

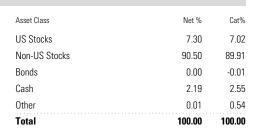
#### World Regions % Equity 09-30-2020

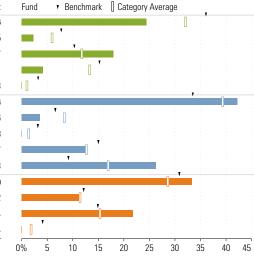


#### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat
Դ	Cyclical	24.38	35.93	32.06
æ.	Basic Materials	2.27	7.60	5.95
	Consumer Cyclical	17.96	10.16	11.77
ц.	Financial Services	4.15	15.09	13.31
ŵ	Real Estate	0.00	3.08	1.03
w	Sensitive	42.27	33.35	39.34
	Communication Services	3.59	6.44	8.36
0	Energy	0.00	3.03	1.38
¢	Industrials	12.44	14.87	12.67
	Technology	26.24	9.01	16.93
	Defensive	33.36	30.72	28.60
F	Consumer Defensive	11.56	11.99	11.42
٠	Healthcare	21.80	14.77	15.34
9	Utilities	0.00	3.96	1.84





	Greater Asia	Fund % 23.02	Cat % 32.77	Americas	Fund % 13.33	Cat % 12.36	Greater Europe	Fund % 63.65	Cat % 54.86	Market Maturity	Fund %
	Japan	9.75	13.77	North America	13.33	10.45	United Kingdom	12.13	10.50	Developed Markets	95.77
	Australasia	4.52	1.77	Central/Latin	0.00	1.91	W euro-ex UK	51.52	42.96	Emerging Markets	4.23
	Asia-4 Tigers	4.52	6.25				Emrgng Europe	0.00	0.39	Not Available	0.00
	Asia-ex 4 Tigers	4.23	10.98				Africa	0.00	1.01		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2020

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ ASML Holding NV	3.19	3.19	19.85	Technology
⊖ SAP SE	2.92	6.11	11.65	Technology
$\ominus$ Hermes International SA	2.90	9.01	11.19	Consumer Cyclical
⊖ Novo Nordisk A/S B	2.76	11.78	15.85	Healthcare
$\ominus$ Roche Holding AG Dividend Right Cert.	2.72	14.50	3.23	Healthcare
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	2.40	16.90	33.08	Technology
⊖ Atlas Copco AB A	2.30	19.20	15.71	Industrials
$\ominus$ Usd Currency Cash	2.19	21.39	-	-
$\ominus$ Alimentation Couche-Tard Inc Class B	2.14	23.53	13.03	Consumer Defensive
⊖ Hoya Corp	2.13	25.66	13.92	Healthcare

#### Total Holdings 80

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

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On Watch

Morningstar Index

MSCI EAFE NR USD

0

Morningstar Category

Foreign Large Growth

# JPMorgan Emerging Markets Equity R6 JEMWX

Portfolio Manager(s)

Austin Forey since 09-2005 Amit Mehta since 02-2013 Leon Eidelman since 02-2013

#### Quantitative Screens

Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 7 of the 7 years it's been in existence.

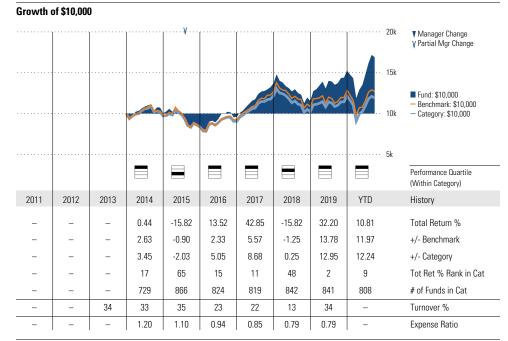
Management: The fund's management has been in place for 15.09 years.

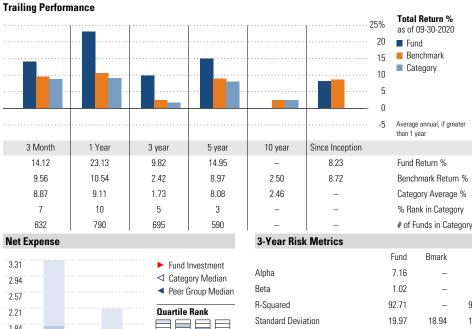
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

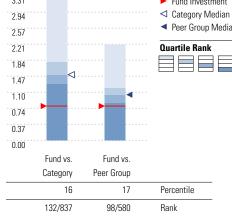
Net Expense: The fund's expense ratio of 0.79 is 35.77% lower than the Diversified Emerging Mkts category average.

#### 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.







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

# of Funds in Category Cat 0.02 0.98 91.09 19 57 Sharpe Ratio 0.49 0.13 0.13 Tracking Error 5.40 5.63 Information Ratio 1.37 -0.06 Up Capture Ratio 122.47 98.28 Down Capture Ratio 95.24 98.99 **Portfolio Metrics** Rmort Cat

	Fund	DITIALK	Gar
Price/Earnings Ratio	25.37	16.62	18.96
Price/Book Ratio	4.55	1.72	2.30
Geom Avg Mkt Cap \$B	67.33	45.93	53.07
ROE	19.20	15.20	16.94

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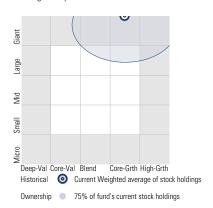


Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

# JPMorgan Emerging Markets Equity R6 JEMWX

Style Analysis as of 09-30-2020 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

#### World R

0	50	100

Fund

45.25

0.44

21.72

23.09

0.00

36.67

11.40

0.77

**Bmark** 

44.77

6.99

18.09

17 12

2.57

42.26

14.01

1.92

Asset Allocation as of 09-30-2020

Sector Weighting as of 09-30-2020

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Դ Cyclical

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Utilities

#### Asset Class Net % Cat% US Stocks 3.84 2.88 Non-US Stocks 95.00 94.80 Bonds 0.00 0.04 Cash 1.16 1.44 Other 0.00 0.85 Total 100.00 100.00

#### Benchmark [] Category Average Cat Fund 41.12 5.00 Ì. 16.27 17 79 2.06 43 59 14.56 1.32 0% 10 15 20 25 30 35 40 45 50 5

Fur Cat % Market Maturity 12.84 Fund % 0.61 29.54 **Developed Markets** 1.87 Emerging Markets 70.46 Asia-4 Tigers 2 5.79 Not Available 0.00 Asia-ex 4 Tigers 4.57 Not Classified 0.00 0.00 >75

Top 10 Holdings as of 09-30-2020

50-75

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alibaba Group Holding Ltd ADR	6.91	6.91	38.60	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd ADR	6.57	13.48	41.72	Technology
Tencent Holdings Ltd	4.33	17.81	36.50	Communication Svc
	3.58	21.39	-	Technology
EPAM Systems Inc	3.39	24.78	52.38	Technology
Sea Ltd ADR	3.13	27.91	282.99	Communication Svc
igodolog Meituan Dianping	2.87	30.78	137.29	Consumer Cyclical
$\supset$ WuXi Biologics (Cayman) Inc Registered Shs Unitary 144A/Reg S	2.67	33.46	91.18	Healthcare
AIA Group Ltd	2.56	36.02	-5.64	Financial Services
MercadoLibre Inc	2.51	38.53	89.26	Consumer Cyclical

#### Total Holdings 66

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

Regions	% Equity C	)9-30-2020	
			Greater Asia Japan Australasia

und % 78.86	Cat % 75.71	Americas	Fund % 15.83	Cat % 11.45	Greater Europe	Fund % 5.30
0.00	0.25	North America	3.89	2.27	United Kingdom	0.00
0.00	0.00	Central/Latin	11.94	9.18	W euro-ex UK	1.26
24.39	24.54				Emrgng Europe	2.15
54.47	50.92				Africa	1.89

#### Energy 2.03 5.38 4.36 ¢ Industrials 3.75 4.17 4.48 Technology 19.49 18.70 20.19 18.08 Defensive 12.96 15.28 F Consumer Defensive 13.57 6.70 9.06 Healthcare 3.74 4.34 4.90

# MFS Growth R6 MFEKX

#### Portfolio Manager(s)

Eric Fischman since 04-2002 Paul Gordon since 07-2017

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 18.51 years.

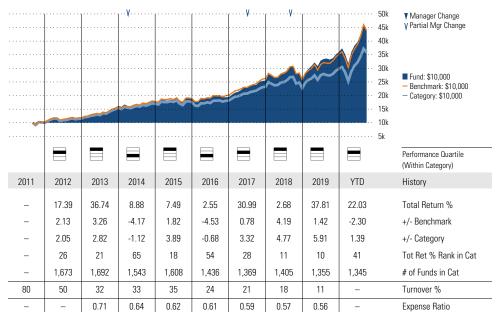
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.57 is 43.56% 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.



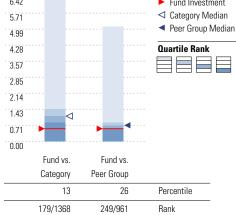


Morningstar Category

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.

Cat -2.17 0.91 0.97 Beta \_ R-Squared 97.00 93.87 Standard Deviation 17 60 19.05 19 20 Sharpe Ratio 1.16 1.04 0.89 Tracking Error 3.50 4.70 Information Ratio 0.24 -0.84 Up Capture Ratio 94.99 92.45 Down Capture Ratio 86.12 99.78 Deutfelie Metuiee

Portiono metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	41.07	33.32	33.48
Price/Book Ratio	8.59	9.12	7.43
Geom Avg Mkt Cap \$B	211.35	190.12	255.68
ROE	26.83	32.08	31.18

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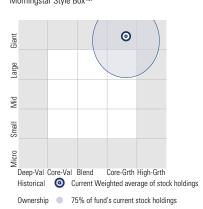


Morningstar Index

Russell 1000 Growth TR USD

# MFS Growth R6 MFEKX

#### Style Analysis as of 09-30-2020 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Đ Microsoft Corp	9.74	9.74	34.34	Technology
🕀 Amazon.com Inc	9.04	18.78	70.40	Consumer Cyclical
➔ Adobe Inc	4.49	23.26	48.70	Technology
€ Alphabet Inc A	3.81	27.07	9.42	Communication Svc
$oldsymbol{ heta}$ Facebook Inc A	3.49	30.56	27.60	Communication Svc
€ Mastercard Inc A	3.40	33.95	13.66	Financial Services
Đ Visa Inc Class A	2.85	36.80	6.90	Financial Services
🕀 Salesforce.com Inc	2.58	39.38	54.53	Technology
ige > Apple Inc	2.36	41.74	58.57	Technology
➔ NVIDIA Corp	2.33	44.07	130.22	Technology
onumber  e PayPal Holdings Inc	2.26	46.33	82.15	Financial Services
onumber   2.24	48.57	36.11	Healthcare	
Đ Danaher Corp	2.05	50.61	40.65	Healthcare
$ igodolog$ Currency Cash Cash_usd	2.04	52.65	-	-
Netflix Inc	1.88	54.53	54.54	Communication Svc

#### Total Holdings 77

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

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100	Total	100.00	100.00
	Other	0.00	0.50
	Cash	2.04	1.61
	Bonds	0.00	0.03
	Non-US Stocks	3.34	5.82
	US Stocks	94.62	92.02
	Asset Class	Net %	Cat%
	Large Growth	Russell 1000 Growth TR USD	

**Morningstar Index** 

**Morningstar Category** 

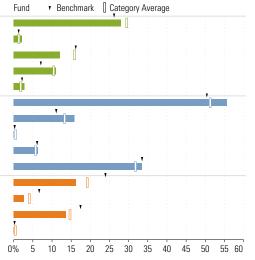
0

## Sector Weighting as of 09-30-2020

0

		Fund	Bmark	Cat
Դ	Cyclical	28.05	26.02	29.51
æ.	Basic Materials	2.15	1.11	1.36
4	Consumer Cyclical	12.08	16.01	15.88
<b>B</b>	Financial Services	11.04	6.90	10.44
ŵ	Real Estate	2.78	2.00	1.83
w	Sensitive	55.64	50.23	51.30
đ	Communication Services	15.85	10.91	13.30
0	Energy	0.00	0.07	0.49
¢	Industrials	6.30	5.93	5.72
	Technology	33.49	33.32	31.79
<b>→</b>	Defensive	16.31	23.76	19.19
	Consumer Defensive	2.62	6.47	4.07
٠	Healthcare	13.69	17.25	14.70
9	Utilities	0.00	0.04	0.42

50



## Asset Allocation as of 09-30-2020

# MFS Massachusetts Investors Tr R6 MITJX

Portfolio Manager(s)

T. Kevin Beatty since 07-2004 Edward (ted) Maloney since 04-2012 Alison Mackey since 05-2018

#### Quantitative Screens

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

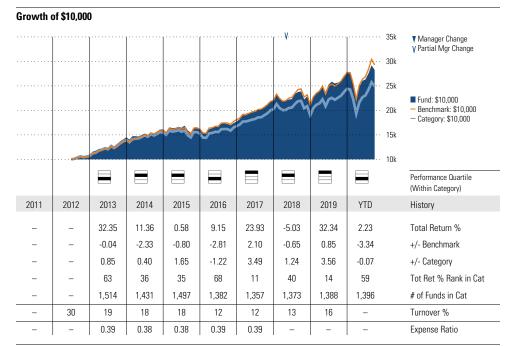
Management: The fund's management has been in place for 16.26 years.

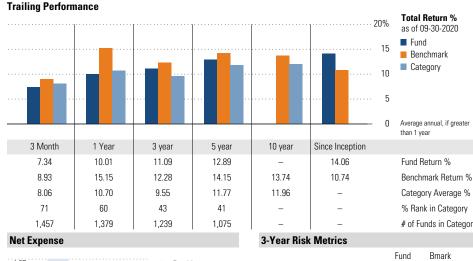
× Style: The fund has landed in its primary style box — Large Blend — 37.14 % of the time over the past three years.

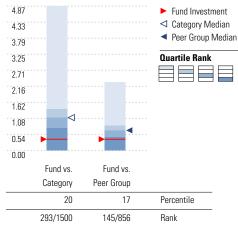
Net Expense: The fund's expense ratio of 0.38 is 55.29% lower than the Large Blend category average.

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

This fund fails our style consistency screen owing to frequent drift into the growth column of our style box. We're not concerned about this matter, as the drift has been slight, and the portfolio still represents a core strategy







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

11.00		outog	ory / woruge	, ,0
-	-	% Rar	nk in Catego	ory
-	-	# of Fi	unds in Cate	egory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		-0.71	-	-2.29
Beta		0.97	-	0.97
R-Squared		98.07	-	95.59
Standard Devia	tion	17.33	17.74	17.56
Sharpe Ratio		0.60	0.65	0.51
Tracking Error		2.47	-	3.57
Information Rat	io	-0.48	-	-1.28
Up Capture Rat	io	94.18	-	91.12
Down Capture I	Ratio	96.47	-	100.00

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.08	25.90	24.36
Price/Book Ratio	3.80	3.55	3.50
Geom Avg Mkt Cap \$B	129.39	156.62	220.30
ROE	25.64	27.32	29.32

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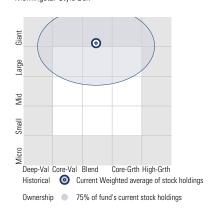


Morningstar Category Morningstar Index Large Blend

S&P 500 TR USD

# MFS Massachusetts Investors Tr R6 MITJX

Style Analysis as of 09-30-2020 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

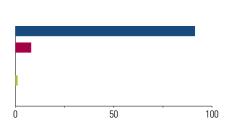
#### Ton 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Microsoft Corp	5.30	5.30	34.34	Technology
⊖ Alphabet Inc A	3.77	9.08	9.42	Communication Svc
∋ Johnson & Johnson	2.83	11.91	4.10	Healthcare
$\ominus$ Mastercard Inc A	2.62	14.53	13.66	Financial Services
⇒ Apple Inc	2.48	17.00	58.57	Technology
$\ominus$ Visa Inc Class A	2.43	19.43	6.90	Financial Services
$\ominus$ Medtronic PLC	2.37	21.81	-6.90	Healthcare
$\ominus$ Fidelity National Information Services Inc	2.20	24.01	6.59	Technology
⊖ Facebook Inc A	2.11	26.12	27.60	Communication Svc
⊖ JPMorgan Chase & Co	2.09	28.21	-29.00	Financial Services
⊖ Comcast Corp Class A	2.09	30.30	4.36	Communication Svc
⊖ American Tower Corp	2.06	32.37	6.63	Real Estate
$\ominus$ Thermo Fisher Scientific Inc	1.97	34.34	36.11	Healthcare
$\ni$ Adobe Inc	1.97	36.31	48.70	Technology
$\oplus$ Becton, Dickinson and Co	1.96	38.27	-13.58	Healthcare

#### Total Holdings 72

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Fund

29.39

3.23

7.66

15.04

3.46

39.89

11.06

1.56

5.05

22.22

30.72

11.48

18.70

0.54

Bmark

29.03

2.27

11.31

12 81

2.64

46.17

10.80

2.06

8.62

24 69

24.79

7.50

14.32

2.97

Asset Allocation as of 09-30-2020

Sector Weighting as of 09-30-2020

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

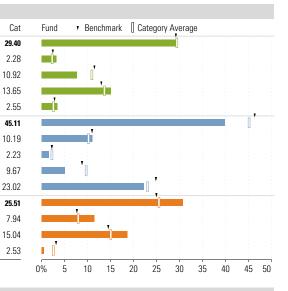
Technology

Defensive

Healthcare

**Consumer Defensive** 

#### Asset Class Net % Cat% US Stocks 91.22 94.93 Non-US Stocks 7.84 2.88 Bonds 0.00 0.53 Cash 0.93 0.37 Other 0.00 1.28 Total 100.00 100.00





**Morningstar Category** 📕 Large Blend

Morningstar Index S&P 500 TR USD

# MFS Mid Cap Growth R6 OTCKX

#### Portfolio Manager(s)

Eric Fischman since 11-2008 Paul Gordon since 05-2011

#### Quantitative Screens

*Performance:* The fund has finished in the Mid-Cap Growth category's top three quartiles in 7 of the 7 years it's been in existence.

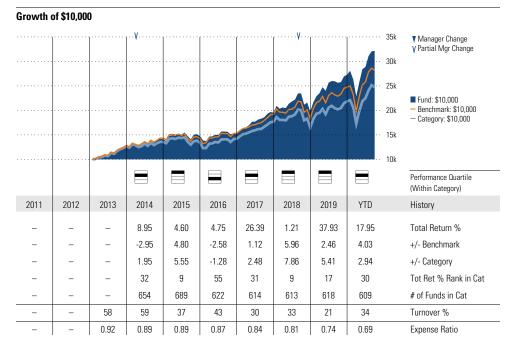
Management: The fund's management has been in place for 11.87 years.

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

Net Expense: The fund's expense ratio of 0.74 is 34.51% lower than the Mid-Cap Growth category average.

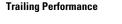
#### **Morningstar Investment Management LLC Analysis**

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.

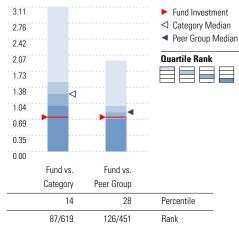


Morningstar Category

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.

Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 4.90 -0.25 1 00 Beta 0.88 R-Squared 96.39 93.30 Standard Deviation 18 49 20.56 21.38 Sharpe Ratio 1.00 0.76 0.71 Tracking Error 4.26 5.49 Information Ratio 0.90 -0.26 Up Capture Ratio 97.12 99.38 Down Capture Ratio 78.80 101.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	40.68	31.13	35.56
Price/Book Ratio	7.07	7.17	5.36
Geom Avg Mkt Cap \$B	18.65	16.74	16.40
ROE	12.81	16.55	8.84

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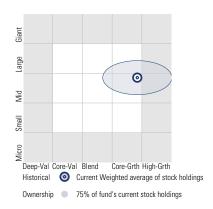


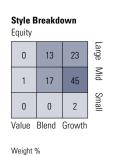
Morningstar Index

Russell Mid Cap Growth TR USD

# MFS Mid Cap Growth R6 OTCKX

**Style Analysis** as of 09-30-2020 Morningstar Style Box™





>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
onumber   2.67	2.67	53.73	Technology	
$oldsymbol{eta}$ Bright Horizons Family Solutions Inc	2.61	5.28	1.16	Consumer Cyclical
€ PerkinElmer Inc	2.54	7.82	29.47	Healthcare
€ Take-Two Interactive Software Inc	2.21	10.02	34.95	Communication Svc
$\oplus$ Monolithic Power Systems Inc	2.19	12.22	57.91	Technology
$ onumber \in \mathbb{PLC}$ Ordinary Shares	2.16	14.37	84.46	Technology
• Verisk Analytics Inc	2.12	16.50	24.63	Industrials
MSCI Inc	2.06	18.56	39.02	Financial Services
€ Steris PLC	1.97	20.52	16.34	Healthcare
⊕ IHS Markit Ltd	1.77	22.29	4.87	Industrials
🕀 Copart Inc	1.76	24.05	15.64	Industrials
€ Match Group Inc	1.75	25.79	34.14	Communication Svc
AMETEK Inc	1.68	27.47	0.20	Industrials
$ onumber \in \mathbb{R} $ Charles River Laboratories International Inc	1.66	29.13	48.24	Healthcare
🕀 Masimo Corp	1.65	30.78	49.35	Healthcare

#### Total Holdings 107

 $\oplus$  Increase  $\oplus$  Decrease 3 New to Portfolio

Asset Allocation as of 09-30-2020

Sector Weighting as of 09-30-2020

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

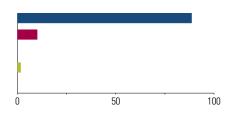
Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 



Fund

27.76

3.15

13.39

6.88

4.34

50.75

7.38

0.00

14.54

28.83

21.49

0.18

21.31

0.00

Bmark

22.41

1.36

13.63

4 93

2.49

49.61

6.14

0.36

13.24

29.87

27.97

5.40

22.38

0.19

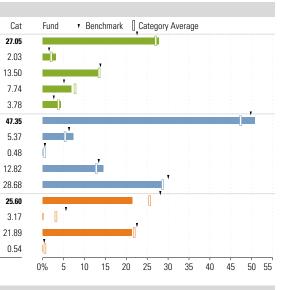
#### Asset Class Net % Cat% US Stocks 88.54 90.18 Non-US Stocks 9.94 6.45 Bonds 0.00 0.03 Cash 1.53 2.92 0.00 Other 0.42 Total 100.00 100.00

Morningstar Index

Russell Mid Cap Growth TR USD

Morningstar Category

Mid-Cap Growth





# PIMCO Commodity Real Ret Strat Instl PCRIX

#### Portfolio Manager(s)

Nicholas Johnson since 01-2015 Greg Sharenow since 11-2018 Stephen Rodosky since 01-2019

#### Quantitative Screens

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

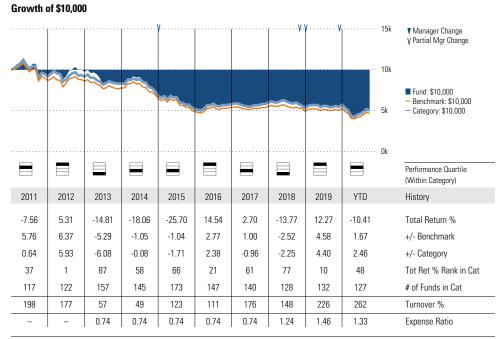
*Management:* The fund's management has been in place for 5.75 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.33 is 18.75% higher than the Commodities Broad Basket category average.

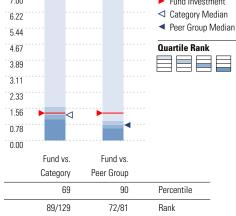
#### Morningstar Investment Management LLC Analysis

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



#### 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.

Cat 0.48 Reta 1 22 1 08 \_ **R-Squared** 96.15 84.85 Standard Deviation 17 17 13 80 16 41 Sharpe Ratio -0.18 -0.36 -0.30 Tracking Error 4.53 6.76 Information Ratio 0.27 -0.06 Up Capture Ratio 121.37 109.90 Down Capture Ratio 110.31 109.07

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 12.32 10 44 Price/Book Ratio 1.51 1.18 Geom Avg Mkt Cap \$B 20.09 3 88 ROE 16.78 11.90

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Morningstar Index

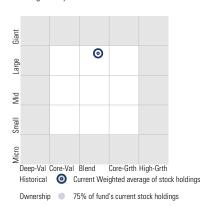
Commodities Broad Basket

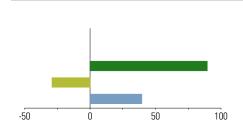
Morningstar Category

Bloomberg Commodity TR USD

# PIMCO Commodity Real Ret Strat Instl PCRIX

Style Analysis as of 09-30-2020 Morningstar Style Box™





Asset Allocation as of 09-30-2020

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Energy

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Utilities

Cyclical

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

US Stocks Non-US Stocks	0.00	0.17
Bonds	89.51	23.78
Cash	-29.06	73.04
Other	39.56	2.78

#### Sector Weighting as of 09-30-2020 Benchmark [] Category Average Bmark Cat Fund Fund 64.28 38.71 Basic Materials 7.14 19.35 \_ Consumer Cyclical 7.14 0.00 Financial Services 14.29 16.13 1 35.71 3.23 28 57 48.39 **Communication Services** 7.14 0.00 0.00 \_ 32.26 7.14 0.00 14.29 \_ 16.13 7.14 12.91 \_ **Consumer Defensive** 7.14 9.68 0.00 3.23 \_ 0.00 0.00 0% 5 10 15 20 25 30 35 40 45 50 55 60 65

#### Style Breakdown



## Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
🕀 Fin Fut Euro-Schatz 2yr Eux 09/08/20	21.24	21.24	_	_
⊖ Pimco Cayman Cmdty Fd Ltd Instl	20.68	41.92	_	-
從 CashOffSet	19.70	61.63	_	-
$\oplus$ 2 Year Treasury Note Future Sept 20	17.98	79.61	_	-
$\oplus$ 10 Year Treasury Note Future Sept 20	15.65	95.25	-	-
🕀 Offset: Unsettled Trades	14.68	109.94	-	-
$\oplus$ U S Tips Rev Repo	10.40	120.34	_	-
$\oplus$ Federal National Mortgage Association 4%	10.10	130.43	_	-
$\oplus$ FIN FUT US 30YR CBT 09/21/20	9.31	139.74	_	-
$\ominus$ United States Treasury Notes 0.38%	6.71	146.45	-	-
$\oplus$ United States Treasury Notes 0.62%	6.37	152.82	-	_
🕀 U S Tips Rev Repo	6.37	159.18	-	-
€ Trs R 0.22/912828v49 Bps	6.12	165.31	_	-
Đ Long Gilt Future Sept 20	5.82	171.13	-	_
United States Treasury Notes 0.38%	5.78	176.91	_	-

#### Total Holdings 684

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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**Morningstar Category** 

Commodities Broad Basket Bloomberg Commodity TR USD

**Morningstar Index** 

# PIMCO Income Insti PIMIX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 13.52 years.

Style Consistency is not calculated for Fixed Income funds.

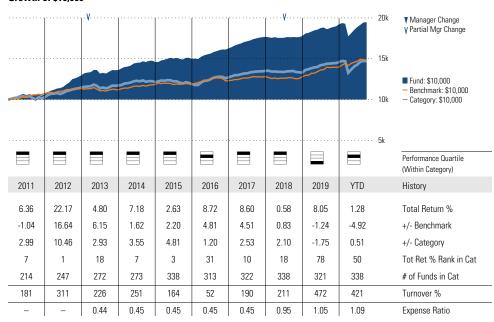
Net Expense: The fund's expense ratio of 1.09 is 3.81% higher than the Multisector Bond category average.

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

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



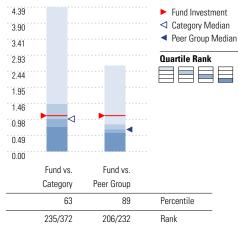
Morningstar Index BBgBarc US Universal TR USD





**Trailing Performance** 





133   -	# of	# of Funds in Category			
3-Year Risk Metrics					
	Fund	Bmark	Cat		
Alpha	-0.49	-	-3.04		
Beta	0.83	-	1.28		
R-Squared	25.47	-	35.98		
Standard Deviation	5.59	3.40	7.65		
Sharpe Ratio	0.38	1.03	0.29		
Tracking Error	4.86	-	6.35		
Information Ratio	-0.31	-	-0.32		
Up Capture Ratio	76.15	-	95.40		
Down Capture Ratio	87.04	-	164.08		
D (C I' M ( '					

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	1.67	4.55	4.52
Avg Eff Maturity	5.44	7.69	7.45

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



# PIMCO Income Insti PIMIX

#### Style Analysis as of 09-30-2020 Style Breakdown



-50 0 50 100 150

Asset Class	Net %	Cat%
US Stocks	0.50	1.84
Non-US Stocks	0.20	0.10
Bonds	112.94	103.62
Cash	-18.97	-7.92
Other	5.33	2.38
Total	100.00	100.00

Morningstar Index

BBgBarc US Universal TR USD

Morningstar Category

Multisector Bond

## Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	56.00	67.64	18.27
AA	7.00	3.23	8.61
А	4.00	10.03	8.89
BBB	14.00	10.89	24.31
BB	6.00	3.19	20.01
В	7.00	3.64	12.52
Below B	6.00	1.38	3.44
Not Rated	0.00	0.00	3.94

	Fund	Bmark	Cat	Fund	,	Benchmark	] Ca	tegory	Average			
Government	25.24	-	27.48							]		
Treasury	4.18	-	10.48			0						
Inflation – Protected	1.38	-	0.73	i)								
Agency/Quasi Agency	0.26	-	0.90	10								
Other Government Related	19.42	-	15.37				]					
Corporate	9.15	-	37.15									]
Corporate Bond	6.18	-	31.81		-					0		
Bank Loan	1.32	-	2.75									
Convertible	1.64	-	2.16									
Preferred	0.01	-	0.43	0								
Securitized	26.31	-	28.75									
Agency MBS Pass-Through	12.70	-	9.17									
Agency MBS ARM	0.00	-	0.04	0								
Agency MBS CMO	0.55	-	4.75		0							
Non-Agency Residential MBS	2.50	-	2.65									
Commercial MBS	0.54	-	1.58									
Asset-Backed	10.00	-	10.55									
Covered Bond	0.02	-	0.01									
Municipal	0.05	-	1.19	[								
Cash & Equivalents	28.46	-	2.48	]		-						
Other	9.16	-	2.53									
				0%	5	10	15	20	25	30	35	40

#### Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Irs Usd 0.30000 12/19/20-3y* Cme	06-2024	21.89	21.89	_
⊕ Irs Usd 0.30000 12/19/20-3y* Cme	06-2024	21.86	43.74	-
⊕ Offset: Unsettled Trades	_	20.86	64.61	-
Irs Eur -0.33000 03/18/20-2y Lch	03-2022	15.46	80.06	-
⊕ Irs Eur -0.33000 03/18/20-2y Lch	03-2022	15.44	95.50	-
⊖ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	11.28	106.78	_
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	10.87	117.65	-
娄 CashOffSet	-	9.27	126.92	-
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	8.28	135.20	-
Cirs Usd 4y Mat 3.82/2.00% M 7/2020 Glm	07-2022	8.27	143.47	-

#### Total Holdings 7679

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio



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

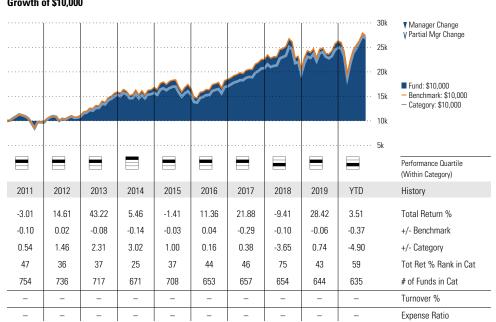
*Management:* The fund's management has been in place for 11.08 years.

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

Net Expense: The fund's expense ratio of 0.05 is 95.61% lower than the Small Growth category average.

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

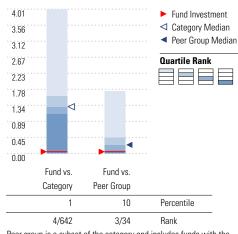
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



**Morningstar Category** 

Small 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.

% Rank in Category # of Funds in Category Fund Bmark Cat Alpha -0.20 -1.09 1 00 0.99 Beta 100.00 **R-Squared** 95.98 Standard Deviation 23.09 23 11 23.39 Sharpe Ratio 0.38 0.39 0.33 Tracking Error 0.12 4.10 Information Ratio -1.86 -0.47 Up Capture Ratio 99.50 95.79 Down Capture Ratio 100.15 99.56

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.70	23.04	31.69
Price/Book Ratio	4.46	3.56	4.34
Geom Avg Mkt Cap \$B	2.36	2.27	4.59
ROE	-4.73	-3.13	3.16

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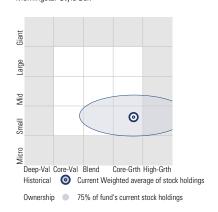
Morningstar Index

Russell 2000 Growth TR USD

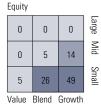
Growth of \$10,000

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

Style Analysis as of 09-30-2020 Morningstar Style Box™







Weight %

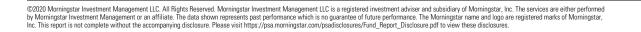
>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2020

······································				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Sunrun Inc	0.92	0.92	458.07	Technology
$\ominus$ LHC Group Inc	0.65	1.57	54.30	Healthcare
$\ominus$ iRhythm Technologies Inc	0.64	2.21	249.70	Healthcare
$\ominus$ Churchill Downs Inc	0.62	2.83	19.40	Consumer Cyclical
Mirati Therapeutics Inc	0.62	3.46	28.86	Healthcare
⊖ Deckers Outdoor Corp	0.61	4.06	30.29	Consumer Cyclical
⊖ MyoKardia Inc	0.60	4.67	87.05	Healthcare
⊖ RH	0.60	5.27	79.21	Consumer Cyclical
$\ominus$ Momenta Pharmaceuticals Inc	0.58	5.85	-	Healthcare
$\ominus$ BJ's Wholesale Club Holdings Inc	0.57	6.42	82.72	Consumer Defensive
⊖ TopBuild Corp	0.57	6.99	65.59	Industrials
$\oplus$ Penn National Gaming Inc	0.55	7.54	184.43	Consumer Cyclical
$\ominus$ SiteOne Landscape Supply Inc	0.54	8.08	34.53	Industrials
$\ominus$ Tetra Tech Inc	0.52	8.60	11.41	Industrials
⇒ Blueprint Medicines Corp	0.51	9.11	15.72	Healthcare

#### Total Holdings 1058

🕀 Increase 👄 Decrease 🕸 New to Portfolio

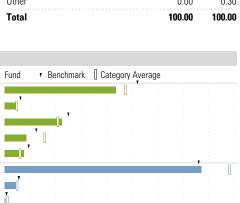


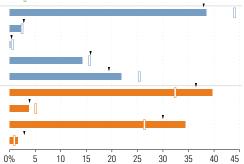
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### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat
Դ	Cyclical	21.78	25.85	23.60
æ.	Basic Materials	2.58	2.94	2.37
<b>A</b>	Consumer Cyclical	11.18	12.32	10.39
<b>H</b>	Financial Services	4.27	6.03	7.85
俞	Real Estate	3.75	4.56	2.99
Vvr	Sensitive	38.52	37.83	44.02
	Communication Services	2.25	2.63	2.43
0	Energy	0.14	0.22	0.59
Ф	Industrials	14.21	15.69	15.62
	Technology	21.92	19.29	25.38
-	Defensive	39.69	36.32	32.39
H	Consumer Defensive	3.76	3.75	5.10
٠	Healthcare	34.36	29.85	26.38
<b>)</b>	Utilities	1.57	2.72	0.91





M RNINGSTAR



Morningstar Category

Small Growth

Russell 2000 Growth TR USD

Asset Class Net % Cat% US Stocks 92.84 98.79 Non-US Stocks 0.83 4.22 Bonds 0.00 0.03 Cash 0.38 2.60 Other 0.00 0.30

# 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 11.08 years.

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

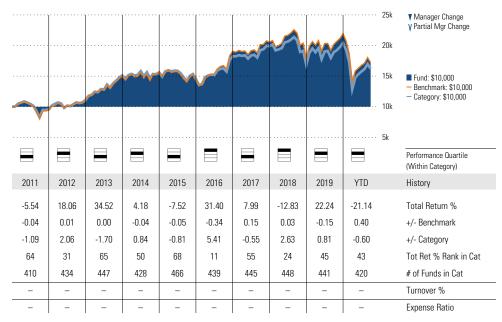
Net Expense: The fund's expense ratio of 0.05 is 95.45% lower than the Small Value category average.

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

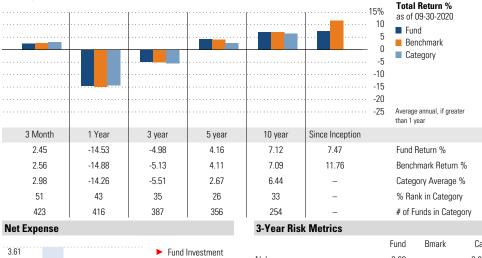
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

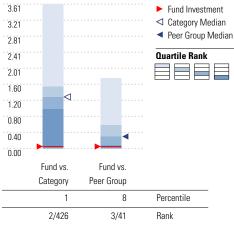


Morningstar Index Russell 2000 Value TR USD



#### **Trailing Performance**





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

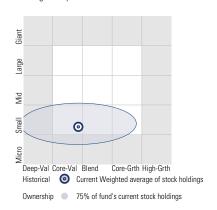
Fund 0.08 0.99 99.99 23.36	Bmark — — 23.56	Cat 0.04 1.04 97.83 24.75
0.99 99.99	- - 23.56	1.04 97.83
99.99	_ _ 23.56	97.83
	_ 23.56	
23.36	23.56	24.75
-0.17	-0.17	-0.16
0.31	-	2.83
0.47	-	-0.41
99.83	-	102.51
99.41	-	103.08
	0.47 99.83	0.47 – 99.83 –

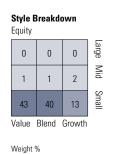
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.12	14.06	15.68
Price/Book Ratio	1.10	1.28	1.19
Geom Avg Mkt Cap \$B	1.40	1.54	2.64
ROE	0.68	-0.97	5.90



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

Style Analysis as of 09-30-2020 Morningstar Style Box™





>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
				<b>3</b>
$\ominus$ Darling Ingredients Inc	0.65	0.65	28.31	Consumer Defensive
$\oplus$ Penn National Gaming Inc	0.62	1.27	184.43	Consumer Cyclical
➔ Novavax Inc	0.54	1.80	2,622.36	Healthcare
earrow Performance Food Group Co	0.50	2.31	-32.75	Consumer Defensive
Đ E-Mini Russ 2000 Dec20 Xcme 20201218	0.49	2.80	-	-
$\ominus$ Stag Industrial Inc	0.47	3.26	0.00	Real Estate
Essent Group Ltd	0.46	3.72	-27.89	Financial Services
$\ominus$ Healthcare Realty Trust Inc	0.45	4.18	-7.04	Real Estate
Arena Pharmaceuticals Inc	0.45	4.62	64.66	Healthcare
⊖ Meritage Homes Corp	0.43	5.05	80.64	Consumer Cyclical
Physicians Realty Trust	0.41	5.47	-1.80	Real Estate
$\ominus$ Brookfield Renewable Corp Ordinary Shares - Class A (Sub Voting)	0.41	5.88	_	Utilities
∋ Agree Realty Corp	0.38	6.26	-6.76	Real Estate
igodolog Stifel Financial Corp	0.38	6.63	-15.80	Financial Services
€ Rexnord Corp	0.38	7.01	-7.79	Industrials

#### Total Holdings 1401

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50 100 0

Fund

54.50

4.88

13.44

23.73

12.45

29.65

2.79

3.76

17.44

5 66

15.86

4.26

6.86

4.74

Bmark

49.89

5.34

13.88

19.35

11.32

30.30

2.89

3.00

17.21

7 20

19.81

4.01

11.42

4.38

Asset Allocation as of 09-30-2020

Sector Weighting as of 09-30-2020

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 99.10 96.60 Non-US Stocks 0.76 2.00 Bonds 0.00 0.06 Cash 0.14 1.26 0.00 Other 0.09 Total 100.00 100.00

#### Benchmark [] Category Average Cat Fund 52.25 6.03 13.42 24.90 7.90 34.79 2.15 3.72 20.04 8.88 12.97 4.63 5.24 3.10 0% 5 10 15 20 25 30 35 40 45 50 55

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**Morningstar Category** Small Value

Morningstar Index

Russell 2000 Value TR USD

## **Templeton Global Bond R6** FBNRX

#### Portfolio Manager(s)

Michael Hasenstab since 12-2001 Calvin Ho since 12-2018

#### Quantitative Screens

× Performance: The fund has finished in the Nontraditional Bond category's top three quartiles in 4 of the 7 years it's been in existence.

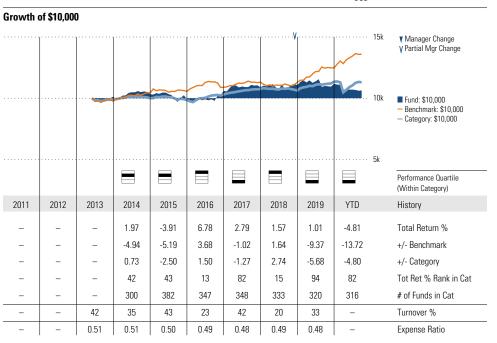
Management: The fund's management has been in place for 18.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.56 is 55.2% lower than the Nontraditional Bond category average.

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

This fund now fails our performance consistency screen. It is a high-conviction fund whose risk and reward are therefore magified on a short- and intermediate-term basis. We will be closely watching this fund in coming quarters.





Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	2.48	6.37	3.68
Avg Eff Maturity	2.76	7.30	9.03

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.

32/173

19

Percentile

Peer Group

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Category 9

30/322



Cat

-0.94

0 48

6.50

0.10

6.70

-0.71

A On Watch

**Morningstar Category** 

Nontraditional Bond

Morningstar Index BBgBarc US Govt/Credit 5-10 Yr TR USD

Templeton Global Bond R6 FBNRX

Fund

41.64

6.82

4.53

30.04

10.74

2.66

3.57

0.00

Bmark

57.60

6.60

17.44

18.36

0.00

0.00

0.00

0.00

Cat

18.81

9.46

16.42

21.56

15.19

10.38

5.47

2.72

On Watch

Morningstar Category

Nontraditional Bond

Asset Class

US Stocks

Bonds

Cash

Other

Total

Non-US Stocks

# Morningstar Index BBgBarc US Govt/Credit 5-10 Yr TR USD

Net %

0.00

0.00

83.60

16.38

0.02

100.00

Cat%

0.33

0.00

73.01

22.58

1.91

100.00

# Style Analysis as of 09-30-2020



**Credit Rating Breakdown** 

AAA

AA

А

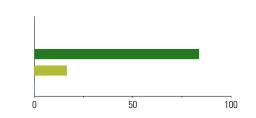
BBB

BB

В

Below B

Not Rated



### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

Sector Weighting as of 09-	30-2020			
	Fund	Bmark	Cat	Fund
Government	79.19	-	21.41	
Treasury	76.79	-	13.75	
Inflation – Protected	1.71	-	1.45	
Agency/Quasi Agency	0.00	-	0.38	
Other Government Related	0.69	-	5.83	
Corporate	0.05	-	17.27	
Corporate Bond	0.05	-	15.06	
Bank Loan	0.00	-	0.88	
Convertible	0.00	-	1.06	0
Preferred	0.00	-	0.27	0
Securitized	0.00	-	26.14	
Agency MBS Pass-Through	0.00	-	9.61	
Agency MBS ARM	0.00	-	0.03	Ū lietu in terretaria in terre
Agency MBS CMO	0.00	-	2.15	
Non-Agency Residential MBS	0.00	-	3.11	
Commercial MBS	0.00	-	3.18	
Asset-Backed	0.00	-	8.05	
Covered Bond	0.00	-	0.01	<u> </u>
Municipal	0.00	_	0.29	
Cash & Equivalents	20.76	-	27.78	
Other	0.00	-	6.98	

0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 7580

#### Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 1.75%	12-2024	13.19	13.19	_
⊕ Franklin IFT Money Market	-	11.23	24.42	-
Mexico (United Mexican States) 6.75%	03-2023	7.45	31.87	-
⊕ Japan(Govt Of) 0%	03-2021	4.38	36.25	-
⊖ Brazil (Federative Republic) 9.61%	01-2021	3.37	39.62	-
The Republic of Korea 1.38%	12-2029	2.89	42.51	_
Indonesia (Republic of) 9.5%	07-2023	2.86	45.37	-
United States Treasury Notes 2.62%	12-2025	2.68	48.06	-
⊕ Japan(Govt Of) 0%	12-2020	2.42	50.48	_
Mexico (United Mexican States) 8%	12-2023	2.41	52.89	-

#### Total Holdings 197

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio



# Vanguard 500 Index Admiral VFIAX

#### Portfolio Manager(s)

Donald Butler since 04-2016 Michelle Louie since 11-2017

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 4.43 years.

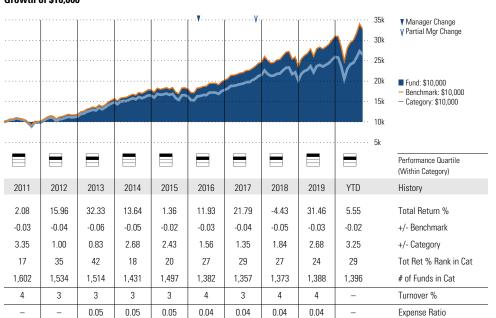
Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.04 is 95.29% lower than the Large Blend category average.

#### Morningstar Investment Management LLC Analysis

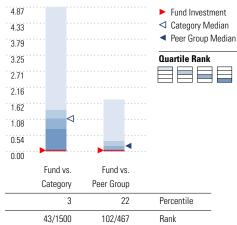
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.





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 -0.04 -2.29 1 00 0.97 Beta R-Squared 100.00 95.59 Standard Deviation 17 74 17 74 17 56 Sharpe Ratio 0.65 0.65 0.51 Tracking Error 0.01 3.57 Information Ratio -3.89 -1.28 Up Capture Ratio 99.93 91.12 Down Capture Ratio 100.06 100.00

**Total Return %** 

as of 09-30-2020 Fund

Benchmark
 Category

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

Fund Return %

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.91	25.90	24.36
Price/Book Ratio	3.56	3.55	3.50
Geom Avg Mkt Cap \$B	156.78	156.62	220.30
ROE	27.33	27.32	29.32

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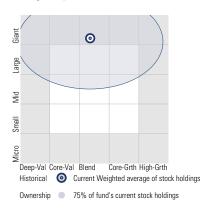


Morningstar Category Morningstar Index

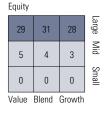
S&P 500 TR USD

# Vanguard 500 Index Admiral VFIAX

Style Analysis as of 09-30-2020 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Apple Inc	6.65	6.65	58.57	Technology
⊖ Microsoft Corp	5.68	12.33	34.34	Technology
$\oplus$ Amazon.com Inc	4.79	17.12	70.40	Consumer Cyclical
⊖ Facebook Inc A	2.25	19.37	27.60	Communication Svc
① Alphabet Inc A	1.57	20.94	9.42	Communication Svc
⊖ Alphabet Inc Class C	1.54	22.48	9.92	Communication Svc
$\oplus$ Berkshire Hathaway Inc Class B	1.48	23.96	-5.99	Financial Services
⊖ Johnson & Johnson	1.40	25.36	4.10	Healthcare
$\oplus$ Procter & Gamble Co	1.24	26.60	13.14	Consumer Defensive
$\ominus$ Visa Inc Class A	1.20	27.79	6.90	Financial Services
€ NVIDIA Corp	1.19	28.98	130.22	Technology
igodot The Home Depot Inc	1.07	30.05	29.23	Consumer Cyclical
⊖ Mastercard Inc A	1.07	31.12	13.66	Financial Services
⊖ UnitedHealth Group Inc	1.06	32.18	7.27	Healthcare
⊖ JPMorgan Chase & Co	1.03	33.21	-29.00	Financial Services

Asset Allocation as of 09-30-2020

Sector Weighting as of 09-30-2020

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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

29.03

2.26

11.33

12.80

2.64

46.18

10.79

2.04

8.63

24.72

24.79

7.50

14.33

2.96

Bmark

29.03

2.27

11.31

12 81

2.64

46.17

10.80

2.06

8.62

24.69

24.79

7.50

14.32

2.97

100

#### Total Holdings 514

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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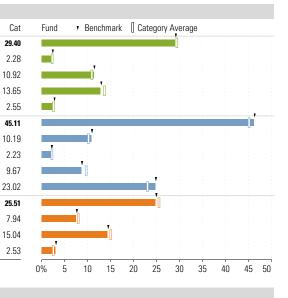


**Morningstar Category Morningstar Index** 

📕 Large Blend

S&P 500 TR USD

Asset Class	Net %	Cat%
US Stocks	98.49	94.93
Non-US Stocks	0.92	2.88
Bonds	0.01	0.53
Cash	0.58	0.37
Other	0.00	1.28
Total	100.00	100.00



# Vanguard Inflation-Protected Secs Adm VAIPX

#### Portfolio Manager(s)

Gemma Wright-Casparius since 08-2011

#### Quantitative Screens

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

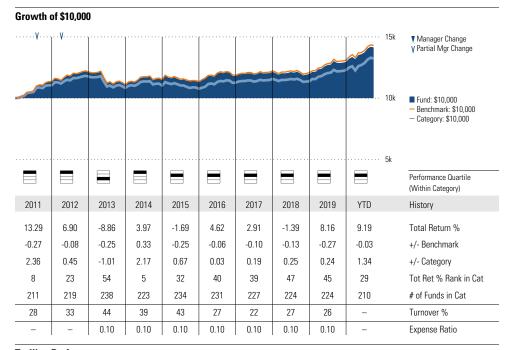
Management: The fund's management has been in place for 9.12 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.1 is 85.29% lower than the Inflation-Protected Bond category average.

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

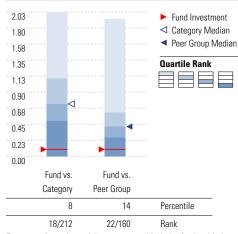
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



Morningstar Category

Inflation-Protected Bond





# of F	unds in Cate	gory
Fund	Bmark	Cat
0.19	-	-0.60
0.94	-	0.92
98.24	-	78.22
3.59	3.80	4.12
1.09	1.07	0.78
0.53	-	2.12
-0.32	-	-0.65
95.62	-	86.21
92.57	-	97.65
	0.19 0.94 98.24 3.59 1.09 0.53 -0.32 95.62	0.19 – 0.94 – 98.24 – 3.59 3.80 1.09 1.07 0.53 – -0.32 – 95.62 –

Portiono metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.76	4.52	7.64
Avg Eff Maturity	8.40	-	9.74

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

BBgBarc US Treasury US TIPS TR USD

# Vanguard Inflation-Protected Secs Adm VAIPX

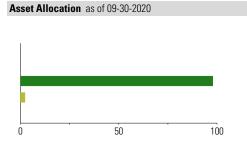
## Style Analysis as of 09-30-2020





Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	0.00	95.71
AA	0.00	99.60	1.90
А	0.00	0.00	0.73
BBB	0.00	0.00	1.28
BB	0.00	0.00	0.17
В	0.00	0.00	0.05
Below B	0.00	0.00	0.00
Not Rated	0.00	0.40	0.16



#### Asset Class Net % Cat% US Stocks -0.04 0.00 Non-US Stocks 0.00 0.01 Bonds 97.78 99.36 Cash 2.22 2.36 Other 0.00 -1.70 Total 100.00 100.00

#### Sector Weighting as of 09-30-2020

	Fund	Bmark	Cat	Fund • Benchmark ] Category Average
Government	97.78	_	86.54	
Treasury	1.56	-	0.84	0
Inflation – Protected	96.22	-	81.13	
Agency/Quasi Agency	0.00	-	0.09	
Other Government Related	0.00	-	4.48	
Corporate	0.00	-	2.29	10
Corporate Bond	0.00	-	2.20	10
Bank Loan	0.00	-	0.05	
Convertible	0.00	-	0.04	0
Preferred	0.00	-	0.00	
Securitized	0.00	-	5.70	
Agency MBS Pass-Through	0.00	-	2.30	10
Agency MBS ARM	0.00	-	0.00	Ú
Agency MBS CMO	0.00	-	0.71	0
Non-Agency Residential MBS	0.00	-	0.35	
Commercial MBS	0.00	-	0.22	
Asset-Backed	0.00	-	1.90	iD i i i i i i i i i i i i i i i i i i
Covered Bond	0.00	-	0.22	0
Municipal	0.00	-	0.00	
Cash & Equivalents	2.22	-	4.32	
Other	0.00	-	1.04	

Top 10 Holdings as of 09-30-2020

Top 10 Holdings as of 09-30-2020				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 0.12%	04-2025	4.13	4.13	_
€ United States Treasury Notes 0.38%	07-2023	3.64	7.77	-
€ United States Treasury Notes 0.62%	01-2024	3.57	11.35	-
€ United States Treasury Notes 0.12%	07-2024	3.47	14.81	-
United States Treasury Notes 0.38%	07-2025	3.31	18.13	-
€ United States Treasury Notes 0.12%	01-2023	3.27	21.40	_
€ United States Treasury Notes 0.25%	01-2025	3.24	24.64	-
€ United States Treasury Notes 0.12%	01-2030	3.24	27.88	-
€ United States Treasury Notes 0.62%	04-2023	3.18	31.05	-
$\oplus$ United States Treasury Notes 0.5%	01-2028	3.16	34.21	-

#### Total Holdings 47

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Inflation-Protected Bond

Morningstar Index BBgBarc US Treasury US TIPS TR USD

# Vanguard International Value Inv VTRIX

Portfolio Manager(s) Michael Bennett since 05-2010 Michael Fry since 05-2010 A. Krishna since 08-2012 Steven Morrow since 08-2012 Arjun Kumar since 10-2020 Shirley Woo since 10-2020

#### Quantitative Screens

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

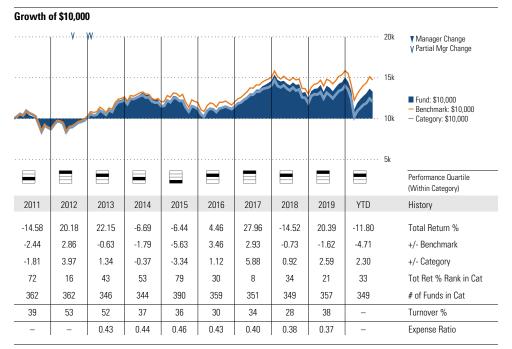
*Management:* The fund's management has been in place for 12.38 years.

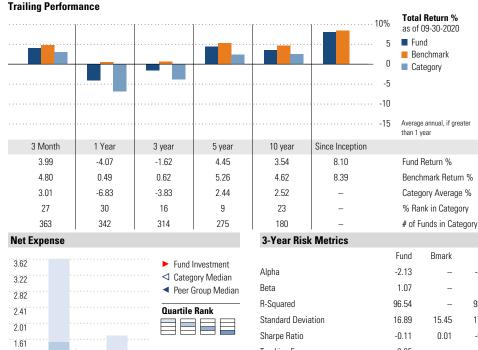
× Style: The fund has landed in its primary style box — Large Value - 45.45 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average

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

This foreign large value fund fails our style consistency screen owing to its occasional drift into the blend portion of the style box. However, the movement has been minor and the fund still pursues a value-oriented strategy.





#### 1.21 0.80 0.40 0.00 Fund vs Fund vs Category Peer Group 6 8 Percentile 00/000 00/000 **D** 1

	20/303	20/202	narik
Peer group	is a subset of the	category and inc	cludes funds with the
same mana	gement style (acti	ve vs. passive) a	and similar share class
characterist	ics.		

Bmark Cat -4.56 1 10 \_ 93.16 15 45 17 57 0.01 -0.23 Tracking Error 3.35 4 99 Information Ratio -0.67 -1.01 Up Capture Ratio 99.42 95.81 109.96 118.15 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	19.92	14.64
Price/Book Ratio	1.22	1.54	1.00
Geom Avg Mkt Cap \$B	34.01	36.00	29.55
ROE	13.12	12.77	9.40

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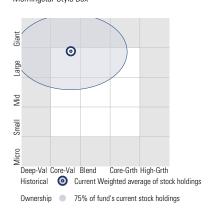
**Morningstar Category** 

Foreign Large Value

Morningstar Index MSCI EAFE NR USD

# Vanguard International Value Inv VTRIX

#### Style Analysis as of 09-30-2020 Morningstar Style Box™





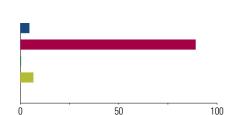


Weight %

<25

>50 25-50 10-25 0-10

## World Regions % Equity 09-30-2020



Asset Allocation as of 09-30-2020

Sector Weighting as of 09-30-2020

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Energy

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Asset Class	Net %	Cat%
US Stocks	4.39	3.62
Non-US Stocks	89.02	94.66
Bonds	0.17	0.24
Cash	6.42	1.40
Other	0.00	0.09
Total	100.00	100.00

#### Benchmark [] Category Average Cat Fund 40.98 9.17 9.83 19.99 1.99 35.74 7.55 5.36 14.55 8.28 23.28 8.21 11.07 4.00 10 15 20 25 30 35 40 45 50 0% 5

7.	Greater Asia	Fund % 37.27	Cat % 33.75	Americas	Fund % 8.02	Cat % 6.09	Greater Europe	Fund % 54.71	Cat % 60.16	Market Maturity	Fund %
	Japan	16.84	19.08	North America	6.13	5.29	United Kingdom	12.79	16.23	Developed Markets	88.8
	Australasia	0.54	3.05	Central/Latin	1.89	0.80	W euro-ex UK	40.88	43.05	Emerging Markets	11.1
	Asia-4 Tigers	11.68	7.74				Emrgng Europe	0.29	0.40	Not Available	0.0
	Asia-ex 4 Tigers	8.21	3.88				Africa	0.75	0.48		
	Not Classified	0.00	0.00								
Ī	•										

Bmark

35.93

7.60

10.16

15.09

3.08

33.35

6.44

3.03

14.87

9.01

30.72

11.99

14.77

3.96

Fund

29.25

6.46

6.50

14.81

1.48

47.32

12.82

3.45

14.58

16.47

23.44

5.99

13.65

3.80

Top 10 Holdings as of 09-30-2020

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$oldsymbol{eta}$ Vanguard Market Liquidity Inv	6.37	6.37	_	_
$\supset$ Novartis AG	2.72	9.09	-9.84	Healthcare
ightarrow Sanofi SA	2.47	11.55	-1.27	Healthcare
	2.31	13.87	-	Technology
$\ni$ Tesco PLC	1.83	15.70	-14.18	Consumer Defensive
igodolog Panasonic Corp	1.61	17.31	-11.24	Technology
$\ni$ SAP SE	1.55	18.86	11.65	Technology
Sony Corp	1.53	20.39	9.20	Technology
∋ Fresenius Medical Care AG & Co. KGaA	1.48	21.87	11.01	Healthcare
Samsung SDI Co Ltd	1.47	23.34	-	Technology

## Total Holdings 159

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category Foreign Large Value

MSCI EAFE NR USD

Morningstar Index

### Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

### Portfolio Manager(s)

Management Team since 09-1994

#### Quantitative Screens

Performance: The fund has finished in the Allocation--30% to 50% Equity category's top three quartiles in 10 of the 10 years it's been in existence.

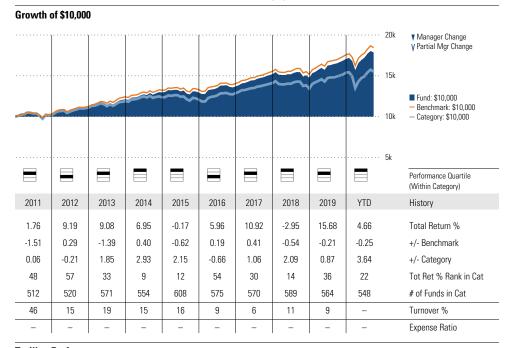
Management: The fund's management has been in place for 26.02 years.

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 88.46% lower than the Allocation--30% to 50% Equity category average.

#### Morningstar Investment Management LLC Analysis

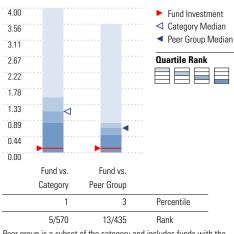
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



Morningstar Category Allocation--30% to 50%

Equity





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

Fund Bmark Cat Alpha -0.41 -3.76 Beta 1.01 1.22 **R**-Squared 99 15 92 28 \_ Standard Deviation 7.28 7.17 9.15 Sharpe Ratio 0.67 0 73 0.35 Tracking Error 0.68 3.21 Information Ratio -0 55 -0.87 Up Capture Ratio 97.06 97.86 Down Capture Ratio 99.45 132.46 **Portfolio Metrics** Dmort Cat E 1

Fund	BILIAIK	Gar
21.67	23.27	23.23
2.19	2.52	2.74
7.06	6.34	4.88
	21.67 2.19	21.67         23.27           2.19         2.52

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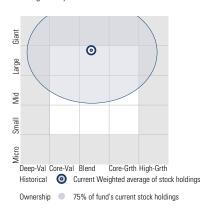


Morningstar Index

Morningstar US Mod Con Tgt Alloc NR USD

### Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

### Style Analysis as of 09-30-2020 Morningstar Style Box™



Large

Mid

Smal

Ltd

Duration

Mod Ext

6

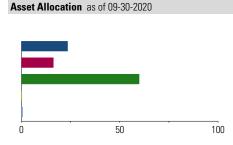
Fixed Income

Quality

High

Mid

Low



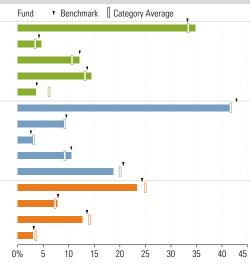
### Sector Weighting as of 09-30-2020

	olor morgining as shoe	00 2020		
		Fund	Bmark	Cat
Դ	Cyclical	34.80	33.09	33.39
<i>.</i>	Basic Materials	4.66	4.03	3.43
A	Consumer Cyclical	12.12	12.00	10.64
цф	Financial Services	14.43	13.46	13.18
ŵ	Real Estate	3.59	3.60	6.14
~~	Sensitive	41.82	42.69	41.65
d	Communication Services	9.44	9.37	9.23
0	Energy	3.13	2.45	3.14
¢	Industrials	10.49	10.34	9.23
	Technology	18.76	20.53	20.05
	Defensive	23.39	24.20	24.96
F	Consumer Defensive	7.74	7.76	7.33
٠	Healthcare	12.70	13.43	14.08
9	Utilities	2.95	3.01	3.55

Total	100.00	100.00	
Other	0.51	4.43	
Cash	0.13	5.96	
Bonds	59.80	54.13	
Non-US Stocks	16.16	7.44	
US Stocks	23.40	28.05	
Asset Class	Net %	Cat%	
Equity	USD		
Allocation30% to 50%	Morningstar US Mod Con Tgt Alloc N		

**Morningstar Index** 

Morningstar Category Allocation--30% to 50%



### Weight %

Blend Growth

Style Breakdown

Equity

26 26 23

7 6

2 2 2

Value

>50 25-50 10-25 0-10

### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	42.33	42.33	_	-
$\ni$ Vanguard Total Stock Mkt Idx Inv	-	23.56	65.89	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	18.02	83.90	-	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	16.10	100.00	-	-
ightarrow Cashusd	-	0.00	100.00	-	-

### Total Holdings 5

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



### Vanguard LifeStrategy Growth Inv VASGX

### Portfolio Manager(s)

Management Team since 09-1994

#### Quantitative Screens

Performance: The fund has finished in the Allocation--70% to 85% Equity category's top three quartiles in 10 of the 10 years it's been in existence.

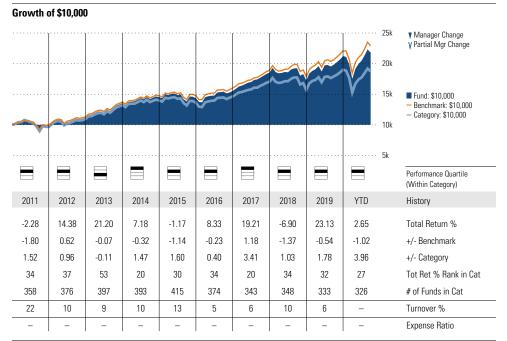
Management: The fund's management has been in place for 26.02 years.

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 87.39% lower than the Allocation--70% to 85% Equity category average.

#### Morningstar Investment Management LLC Analysis

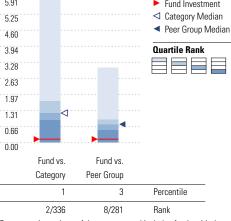
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



Morningstar Category Allocation--70% to 85%

Equity





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

Bmark Cat -3.25 Beta 1.02 1.05 **R**-Squared 99 43 95 87 \_ Standard Deviation 13.94 13.58 14.57 0.45 Sharpe Ratio 0.53 0.31 Tracking Error 1.09 3.17 Information Ratio -0.99 -1.04 Up Capture Ratio 97.80 93.27 Down Capture Ratio 103.57 110.23 **Portfolio Metrics** 

	Fund	Bmark	Lat
Price/Earnings Ratio	21.70	23.29	23.33
Price/Book Ratio	2.20	2.55	2.60
Avg Eff Duration	7.05	6.37	4.85

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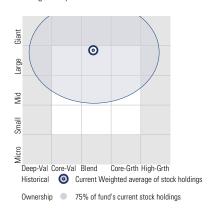


Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR USD

### Vanguard LifeStrategy Growth Inv VASGX

### Style Analysis as of 09-30-2020 Morningstar Style Box™



Large

Mid

Smal

Ltd

Duration

Mod Ext

6

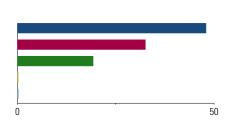
Fixed Income

Quality

High

Mid

Low



### Sector Weighting as of 09-30-2020

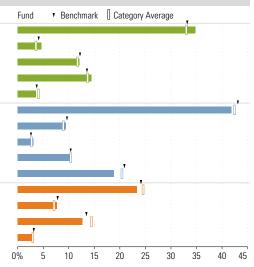
Asset Allocation as of 09-30-2020

	olor morgining as shoe	00 2020		
		Fund	Bmark	Cat
Դ	Cyclical	34.77	33.04	33.01
æ.	Basic Materials	4.63	3.97	3.57
	Consumer Cyclical	12.13	12.06	11.71
ц.	Financial Services	14.42	13.42	13.68
ŵ	Real Estate	3.59	3.59	4.05
₩ <b>r</b>	Sensitive	41.84	42.96	42.44
đ	Communication Services	9.44	9.51	8.93
0	Energy	3.13	2.46	2.72
¢	Industrials	10.47	10.24	10.38
	Technology	18.80	20.75	20.41
-	Defensive	23.38	24.00	24.54
F	Consumer Defensive	7.72	7.68	7.12
٠	Healthcare	12.72	13.31	14.46
9	Utilities	2.94	3.01	2.96

#### Morningstar US Mod Agg Tgt Alloc NR USD Equity Asset Class Net % Cat% US Stocks 47.94 55.92 Non-US Stocks 32.52 17.62 Bonds 19.21 19.15 Cash 0.15 3.12 Other 0.19 4.17 Total 100.00 100.00

**Morningstar Index** 

Morningstar Category Allocation--70% to 85%



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

Blend Growth

Style Breakdown

Equity

26 26 23

7 6

2 2 2

Value

Weight %

### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	-	48.26	48.26	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	32.37	80.64	_	-
• Vanguard Total Bond Market II Idx Inv	-	13.70	94.34	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	5.66	100.00	-	-
$\ominus$ Cashusd	-	0.00	100.00	-	-

### Total Holdings 5

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



### Vanguard LifeStrategy Income Inv VASIX

### Portfolio Manager(s)

Management Team since 09-1994

#### Quantitative Screens

*Performance:* The fund has finished in the Allocation--15% to 30% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

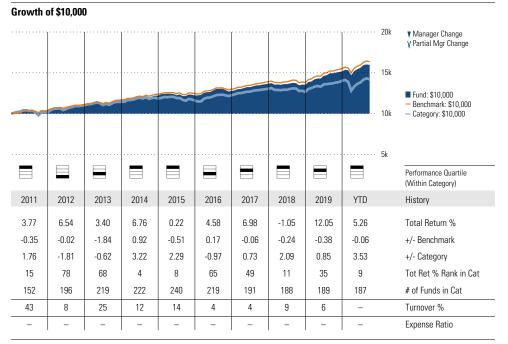
Management: The fund's management has been in place for 26.02 years.

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

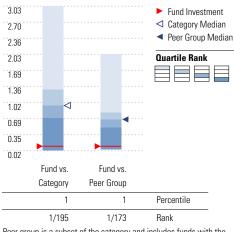
Net Expense: The fund's expense ratio of 0.11 is 88.78% lower than the Allocation--15% to 30% Equity category average.

#### 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.







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 -0.05 -4.38 Beta 0.97 1.37 **R**-Squared 96 63 85 76 \_ Standard Deviation 4.48 4.42 6.66 Sharpe Ratio 0.94 0.98 0.38 Tracking Error 0.82 3.16 Information Ratio -0.31 -0.86 Up Capture Ratio 93.18 99.35 Down Capture Ratio 88.41 166.81 **Portfolio Metrics** Dmorle Cat Fund

	runu	DITIDITK	Gal
Price/Earnings Ratio	21.67	23.89	23.53
Price/Book Ratio	2.19	2.61	2.56
Avg Eff Duration	7.06	6.39	3.76

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Morningstar Index

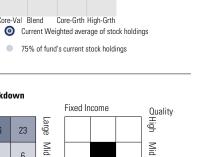
Morningstar US Con Tgt Alloc NR USD

Morningstar Category Allocation--15% to 30%

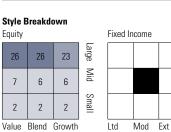
### Vanguard LifeStrategy Income Inv VASIX

### Style Analysis as of 09-30-2020 Morningstar Style Box™





Low



Duration

Weight %

>50 25-50 10-25 0-10

### Top 5 Holdings as of 09-30-2020

	, ,	·
0	50	100

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

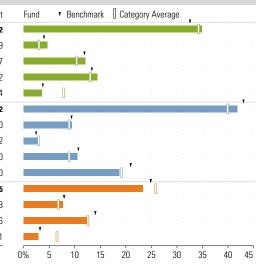
		Fund	Bmark	Cat
Դ	Cyclical	34.85	32.41	34.22
æ.	Basic Materials	4.68	3.84	2.99
A	Consumer Cyclical	12.13	11.75	10.37
цф	Financial Services	14.44	13.21	13.02
ŵ	Real Estate	3.60	3.61	7.84
~~	Sensitive	41.83	42.88	39.92
d	Communication Services	9.46	9.23	8.90
0	Energy	3.13	2.29	2.92
¢	Industrials	10.48	10.56	8.90
	Technology	18.76	20.80	19.20
	Defensive	23.33	24.72	25.85
F	Consumer Defensive	7.71	7.77	6.78
٠	Healthcare	12.69	13.89	12.56
9	Utilities	2.93	3.06	6.51
-				

#### Equity Asset Class Net % Cat% US Stocks 11.59 11.54 Non-US Stocks 8.01 3.60 79.62 Bonds 73.34 Cash 0.12 6.54 Other 0.66 4.97 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Con Tgt Alloc NR USD

Morningstar Category Allocation--15% to 30%



Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	56.18	56.18	_	_
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	24.18	80.36	_	-
$\oplus$ Vanguard Total Stock Mkt Idx Inv	_	11.67	92.03	_	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	7.97	100.00	_	-
$\ominus$ Cashusd	_	0.00	100.00	_	-

### Total Holdings 5

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



### Vanguard LifeStrategy Moderate Gr Inv VSMGX

### Portfolio Manager(s)

Management Team since 09-1994

#### Quantitative Screens

Performance: The fund has finished in the Allocation--50% to 70% Equity category's top three quartiles in 10 of the 10 years it's been in existence.

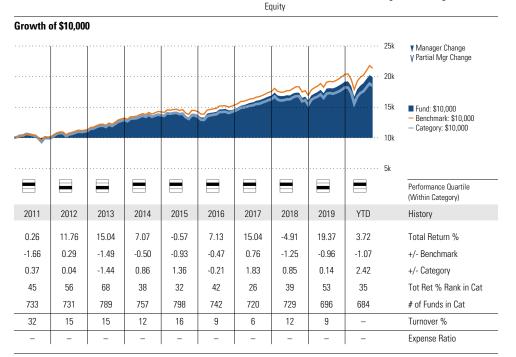
Management: The fund's management has been in place for 26.02 years.

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

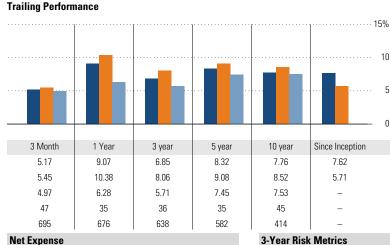
Net Expense: The fund's expense ratio of 0.13 is 87.96% lower than the Allocation--50% to 70% Equity category average.

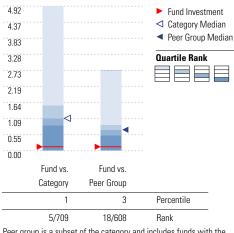
#### **Morningstar Investment Management LLC Analysis**

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



Morningstar Category Allocation--50% to 70%





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

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha -1.02 -2.49 Beta 0.99 1.07 **R**-Squared 99 00 95 68 \_ Standard Deviation 10.57 10.66 11.62 Sharpe Ratio 0.53 0.63 0 42 Tracking Error 1.07 2 68 Information Ratio -1.13 -0.77 Up Capture Ratio 92.89 95.66 Down Capture Ratio 98.42 111.70 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 21.69 23.90 23.16 Price/Book Ratio 2.20 2.72 2.40

Avg Eff Duration

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6.27

4.48

7.05

Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

**Total Return %** 

as of 09-30-2020 Fund Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average % % Rank in Category

Fund Return %

Category

### Vanguard LifeStrategy Moderate Gr Inv VSMGX

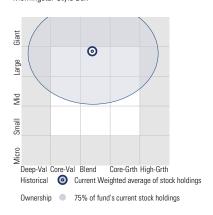
Quality

High

Mid

Low

### Style Analysis as of 09-30-2020 Morningstar Style Box™



Large

Mid

Smal

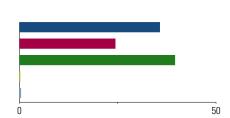
Ltd

Duration

Mod Ext

6

Fixed Income



### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

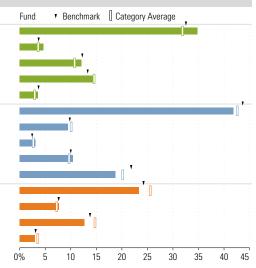
361	cor werginning as or o	5-30-2020		
		Fund	Bmark	Cat
Դ	Cyclical	34.78	32.40	31.87
æ.	Basic Materials	4.63	3.57	3.62
<b>A</b>	Consumer Cyclical	12.13	12.11	10.75
ц.	Financial Services	14.43	13.17	14.56
ŵ	Real Estate	3.59	3.55	2.94
$\sim$	Sensitive	41.80	43.51	42.58
g	Communication Services	9.43	9.67	10.07
•	Energy	3.12	2.30	2.67
Ф	Industrials	10.47	9.86	9.67
	Technology	18.78	21.68	20.17
	Defensive	23.39	24.10	25.55
F	Consumer Defensive	7.72	7.49	7.26
٠	Healthcare	12.72	13.63	14.74
<b>?</b>	Utilities	2.95	2.98	3.55

#### Equity Asset Class Net % Cat% US Stocks 35.66 46.21 Non-US Stocks 24.34 11.60 39.52 Bonds 35.98 Cash 0.14 3.37 Other 0.33 2.85 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Mod Tgt Alloc NR USD

Morningstar Category Allocation--50% to 70%



### Weight %

Style Breakdown

Equity

26 26 23

7 6

2 2 2

Value

>50 25-50 10-25 0-10

Blend Growth

### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Wanguard Total Stock Mkt Idx Inv	-	35.90	35.90	_	_
Over the second seco	-	28.07	63.97	_	-
Output Total Intl Stock Index Inv	_	24.23	88.20	_	-
Output State St	-	11.80	100.00	-	-
⊕ Cashusd	-	0.00	100.00	_	-

### Total Holdings 5

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



### Vanguard Mid-Cap Value Index Admiral VMVAX

Portfolio Manager(s)

Donald Butler since 08-2006 Michael Johnson since 04-2016

### Quantitative Screens

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

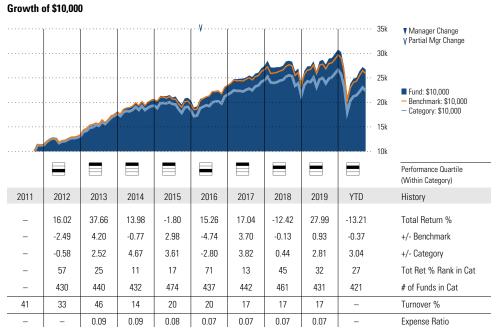
Management: The fund's management has been in place for 14.13 years.

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

Net Expense: The fund's expense ratio of 0.07 is 93.2% lower than the Mid-Cap Value category average.

#### Morningstar Investment Management LLC Analysis

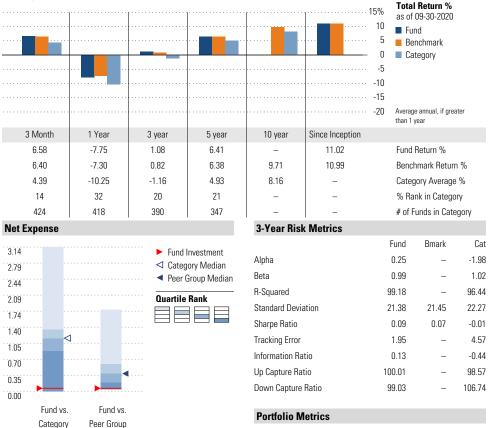
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



Morningstar Category

Mid-Cap Value

#### **Trailing Performance**



1/35 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3

Percentile

Rank

Fund Bmark Cat Price/Earnings Ratio 18 76 21 21 17 47 Price/Book Ratio 1.82 2.11 1.67 Geom Avg Mkt Cap \$B 16 10 13 20 10.91 ROE 12.82 11.29 10.43

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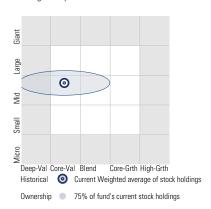
Morningstar Index

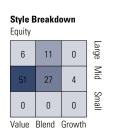
Russell Mid Cap Value TR USD



### Vanguard Mid-Cap Value Index Admiral VMVAX

Style Analysis as of 09-30-2020 Morningstar Style Box™







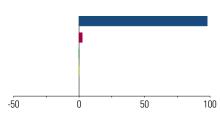
>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ WEC Energy Group Inc	1.34	1.34	7.12	Utilities
e Eversource Energy	1.26	2.60	-0.45	Utilities
$\ni$ Willis Towers Watson PLC	1.18	3.78	4.42	Financial Services
$\ni$ Motorola Solutions Inc	1.17	4.95	-1.50	Technology
$\ominus$ Clorox Co	1.16	6.11	38.99	Consumer Defensive
$\ominus$ Carrier Global Corp Ordinary Shares	1.16	7.27	-	Industrials
$\ni$ American Water Works Co Inc	1.15	8.42	19.23	Utilities
$\ni$ D.R. Horton Inc	1.15	9.57	44.37	Consumer Cyclical
∋ Best Buy Co Inc	1.14	10.70	28.63	Consumer Cyclical
⊖ Aptiv PLC	1.09	11.79	-3.23	Consumer Cyclical
€ Corning Inc	1.08	12.87	13.60	Technology
$\ni$ Freeport-McMoRan Inc	1.00	13.87	19.59	Basic Materials
∋ Lennar Corp	0.98	14.85	47.08	Consumer Cyclical
∋ DTE Energy Co	0.97	15.82	-9.08	Utilities
$\oplus$ Corteva Inc	0.95	16.77	-1.22	Basic Materials

### Total Holdings 210

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



Fund

47.26

5.96

15.24

16.73

9.33

27.29

4.84

3.81

9.41

923

25.44

5.33

6.77

13.34

Bmark

39.66

4.67

13.08

12 41

9.50

37.37

4.78

2.90

17.39

12.30

22.96

5.63

10.08

7.25

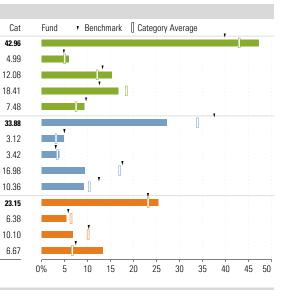
#### Asset Class Net % Cat% **US Stocks** 97.86 91.72 Non-US Stocks 5.80 2.42 Bonds 0.02 0.07 Cash -0.29 1.86 0.00 Other 0.54 Total 100.00 100.00

Morningstar Index

Russell Mid Cap Value TR USD

**Morningstar Category** 

Mid-Cap Value





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-50 0

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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Energy

¢

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Utilities

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

### Vanguard Real Estate Index Admiral VGSLX

### Portfolio Manager(s)

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

### Quantitative Screens

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

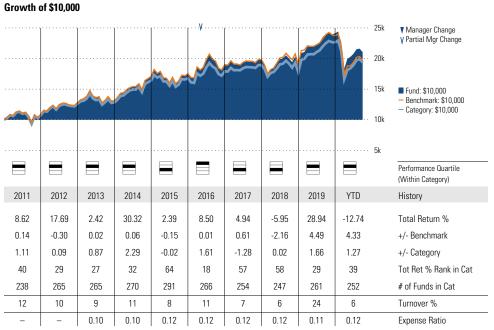
*Management:* The fund's management has been in place for 24.4 years.

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 89.09% 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.



Morningstar Category

Real Estate

#### Trailing Performance



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

15/45

Rank

Price/Earnings Ratio 30.57 38 46 30.38 Price/Book Ratio 2.28 2.42 2.41 Geom Avg Mkt Cap \$B 17 62 935 19.62 ROE 11.89 9.56 12.16

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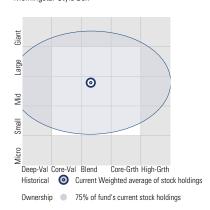
Morningstar Index

S&P United States REIT TR USD



### Vanguard Real Estate Index Admiral VGSLX

**Style Analysis** as of 09-30-2020 Morningstar Style Box™





Weight %

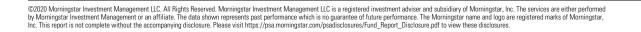
>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Vanguard Real Estate II Index	12.36	12.36	_	_
$\ominus$ American Tower Corp	8.52	20.88	6.63	Real Estate
$\ominus$ Prologis Inc	5.91	26.79	14.83	Real Estate
$\ominus$ Crown Castle International Corp	5.52	32.31	19.66	Real Estate
⊖ Equinix Inc	5.35	37.66	31.59	Real Estate
⊖ Digital Realty Trust Inc	2.96	40.62	25.37	Real Estate
⇒ SBA Communications Corp	2.83	43.45	32.73	Real Estate
⊖ Public Storage	2.70	46.15	7.40	Real Estate
○ Welltower Inc	1.83	47.98	-30.08	Real Estate
⊖ Weyerhaeuser Co	1.69	49.68	-4.44	Real Estate
$\ominus$ AvalonBay Communities Inc	1.67	51.35	-26.51	Real Estate
$\ominus$ Realty Income Corp	1.66	53.01	-14.64	Real Estate
$\ominus$ Alexandria Real Estate Equities Inc	1.61	54.61	0.97	Real Estate
$\ominus$ Simon Property Group Inc	1.57	56.18	-54.30	Real Estate
$\ominus$ Equity Residential	1.52	57.70	-34.33	Real Estate

#### Total Holdings 183

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



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RNINGSTAR

### Real Estate

Total	100.00	100.00
Other	0.00	3.98
Cash	-0.27	1.50
Bonds	0.00	3.23
Non-US Stocks	0.03	1.07
US Stocks	100.23	90.22
Asset Class	Net %	Cat%

### Sector Weighting as of 09-30-2020

50

100

150

		Fund	Bmark	Cat	Fund	۲	Bei	nchm	ark	] (	Categ	ory /	Aver	rage				
Դ	Cyclical	99.97	99.13	99.20	_			-										
æ.	Basic Materials	0.00	0.00	0.07	[													
	Consumer Cyclical	0.00	0.13	1.06	0													
<b>H</b>	Financial Services	0.01	0.00	0.11	ĺ													
ŵ	Real Estate	99.96	99.00	97.96														
$\sim$	Sensitive	0.03	0.87	0.74	0													
đ	Communication Services	0.00	0.00	0.17	0													
•	Energy	0.00	0.00	0.02														
Ф	Industrials	0.03	0.87	0.18														
	Technology	0.00	0.00	0.37	0													
-	Defensive	0.00	0.00	0.07	ĺ													
F	Consumer Defensive	0.00	0.00	0.00	[													
٠	Healthcare	0.00	0.00	0.00														
9	Utilities	0.00	0.00	0.07														
					00/ 5 10	1 1 5	20	25.0	0.25	10	15 5		cn	CE.	70 7	75 0	: 00	0=00

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

S&P United States REIT TR USD

Asset Allocation as of 09-30-2020

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-50

### Vanguard Target Retirement 2015 Inv 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 10 of the 10 years it's been in existence.

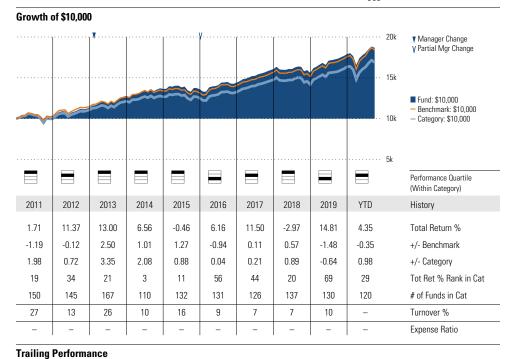
Management: The fund's management has been in place for 7.61 years.

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

Net Expense: The fund's expense ratio of 0.13 is 79.69% lower than the Target-Date 2015 category average.

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

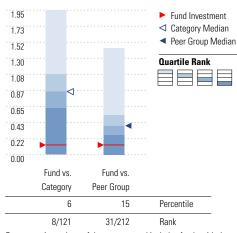
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



**Morningstar Category** 

Target-Date 2015





46	-	# of Funds in Category					
3-Year Risk M	etrics						
		Fund	Bmark	Cat			
Alpha		0.36	-	-1.01			
Beta		0.86	-	1.01			
R-Squared		99.24	-	97.76			
Standard Deviation		6.94	8.01	8.17			
Sharpe Ratio		0.65	0.64	0.51			
Tracking Error		1.25	-	1.43			
Information Ratio		-0.41	-	-0.74			
Up Capture Ratio		88.54	-	95.01			
Down Capture Rati	D	85.42	-	103.81			

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.59	21.47	21.78
Price/Book Ratio	2.18	2.16	2.33
Avg Eff Duration	6.12	8.07	4.46

### 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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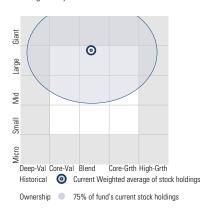


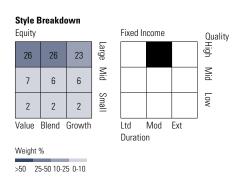
Morningstar Index Morningstar Lifetime Mod 2015 TR

USD

### Vanguard Target Retirement 2015 Inv VTXVX

Style Analysis as of 09-30-2020 Morningstar Style Box™





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Ullei		
Other	0.42	4.08
Cash	0.67	5.74
Bonds	64.85	49.08
Non-US Stocks	14.21	15.42
US Stocks	19.84	25.69
Asset Class	Net %	Cat%

Morningstar Category

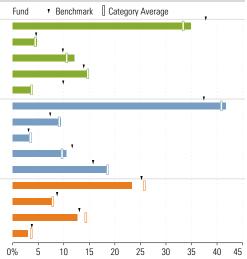
Target-Date 2015

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund	V E
Դ	Cyclical	34.91	37.65	33.37	_	
æ.	Basic Materials	4.70	4.45	4.41	0	
4	Consumer Cyclical	12.12	9.68	10.57		
ц <u>е</u>	Financial Services	14.48	13.77	14.69		
ŵ	Real Estate	3.61	9.75	3.70		
w,	Sensitive	41.73	37.28	40.85		,
	Communication Services	9.40	7.20	9.12		•
0	Energy	3.16	2.97	3.51		
¢	Industrials	10.52	11.51	9.66		
	Technology	18.65	15.60	18.56		
<b>→</b>	Defensive	23.35	25.08	25.77		
F	Consumer Defensive	7.74	8.56	7.82		
٠	Healthcare	12.65	12.91	14.32		
9	Utilities	2.96	3.61	3.63		



### Top 6 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	35.69	35.69	-	_
$\ominus$ Vanguard Total Stock Mkt Idx Inv	-	19.97	55.67	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	15.30	70.96	-	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	14.88	85.84	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	14.16	100.00	-	-
⊖ Cashusd	_	0.00	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2020 Inv 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.

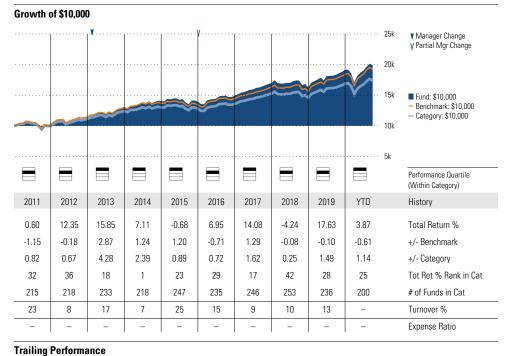
Management: The fund's management has been in place for 7.61 years.

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

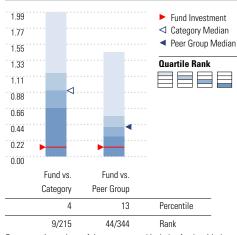
Net Expense: The fund's expense ratio of 0.13 is 81.94% lower than the Target-Date 2020 category average.

#### **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.







86	-	# of Funds in Category					
3-Year Risk Metr	rics						
		Fund	Bmark	Cat			
Alpha		-0.42	-	-1.04			
Beta		1.02	-	0.93			
R-Squared		98.81	-	95.56			
Standard Deviation		9.14	8.91	8.43			
Sharpe Ratio		0.56	0.61	0.45			
Tracking Error		1.01	-	2.06			
Information Ratio		-0.32	-	-0.79			
Up Capture Ratio		101.10	-	87.78			
Down Capture Ratio		105.50	-	96.31			
Portfolio Metrice							

Formono metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	21.33	22.48
Price/Book Ratio	2.19	2.13	2.37
Avg Eff Duration	6.38	9.25	5.13

### 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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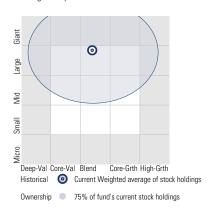
Morningstar Index Morningstar Lifetime Mod 2020 TR

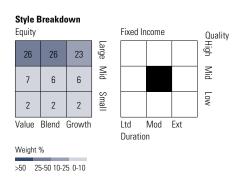
**Morningstar Category** Target-Date 2020

USD

### Vanguard Target Retirement 2020 Inv VTWNX

Style Analysis as of 09-30-2020 Morningstar Style Box™





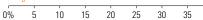
### 50 100 0

Morningstar Category Target-Date 2020	<b>Morningstar Index</b> Morningstar Lifetime Mod 2020 TR USD				
Asset Class	Net %	Cat%			
US Stocks	28.74	27.34			
Non-US Stocks	20.01	14.95			
Bonds	50.43	45.94			
Cash	0.45	5.14			
Other	0.36	6.63			
Total	100.00	100.00			

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Cate	gory Average
Դ	Cyclical	34.83	37.65	35.18		· · · · ·		
ŵ.	Basic Materials	4.67	4.53	4.07		_		
A	Consumer Cyclical	12.12	9.79	11.53		)		
цů	Financial Services	14.45	13.86	14.52				
ŵ	Real Estate	3.59	9.47	5.06		0		
w,	Sensitive	41.78	37.34	41.56		_		
đ	Communication Services	9.42	7.20	9.11	_			
0	Energy	3.14	2.99	2.88				
¢	Industrials	10.49	11.57	10.14		) '	_	
	Technology	18.73	15.58	19.43				_
<b>→</b>	Defensive	23.39	25.00	23.27		· · · ·		
F	Consumer Defensive	7.74	8.56	7.28		<b>—</b> )		
٠	Healthcare	12.70	12.84	13.11		[		
9	Utilities	2.95	3.60	2.88				
					0	F 10 11		25 0



40 45

### Top 6 Holdings as of 09-30-2020

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	29.80	29.80	_	_
-	28.93	58.74	_	-
-	19.93	78.67	_	-
-	12.87	91.54	_	-
-	8.46	100.00	-	-
_	0.00	100.00	_	-
		- 29.80 - 28.93 - 19.93 - 12.87 - 8.46	- 29.80 29.80 - 28.93 58.74 - 19.93 78.67 - 12.87 91.54 - 8.46 100.00	- 29.80 29.80 - - 28.93 58.74 - - 19.93 78.67 - - 12.87 91.54 - - 8.46 100.00 -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2025 Inv 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.

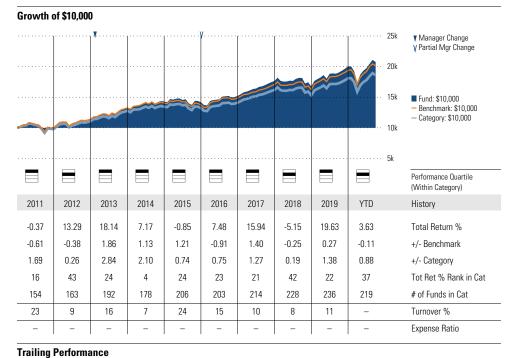
Management: The fund's management has been in place for 7.61 years.

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

Net Expense: The fund's expense ratio of 0.13 is 81.69% lower than the Target-Date 2025 category average.

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

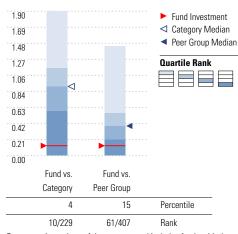
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



Morningstar Category

Target-Date 2025





	" of Funds in Outogory								
3-Year Risk Metrics									
	Fund	Bmark	Cat						
Alpha	-0.42	-	-0.97						
Beta	1.05	-	1.00						
R-Squared	99.04	-	97.86						
Standard Deviation	10.72	10.11	10.17						
Sharpe Ratio	0.53	0.56	0.46						
Tracking Error	1.19	-	1.75						
Information Ratio	-0.07	-	-0.62						
Up Capture Ratio	105.17	-	96.02						
Down Capture Ratio	109.38	-	103.60						

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.69	21.19	22.45
Price/Book Ratio	2.20	2.11	2.38
Avg Eff Duration	7.01	10.19	5.85

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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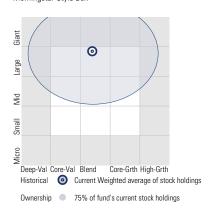


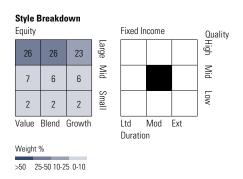
Morningstar Index Morningstar Lifetime Mod 2025 TR

USD

### Vanguard Target Retirement 2025 Inv VTTVX

Style Analysis as of 09-30-2020 Morningstar Style Box™





# 

Total 100.	00 100.00
Other 0.	33 9.47
Cash 0.	16 3.65
Bonds 40.	14 36.71
Non-US Stocks 24.	09 17.53
US Stocks 35.	27 32.64
Asset Class Net	% Cat%
	01

Morningstar Category

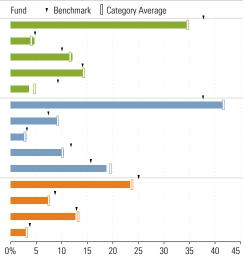
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund
Դ	Cyclical	34.80	37.59	34.60	
æ.	Basic Materials	4.63	4.63	4.03	
A	Consumer Cyclical	12.13	9.91	11.64	
	Financial Services	14.44	13.94	14.27	
ŵ	Real Estate	3.60	9.11	4.66	
w	Sensitive	41.80	37.51	41.64	
	Communication Services	9.43	7.24	9.20	
0	Energy	3.12	3.04	2.78	
٥	Industrials	10.47	11.68	10.14	
	Technology	18.78	15.55	19.52	
	Defensive	23.38	24.90	23.76	
Ħ	Consumer Defensive	7.72	8.55	7.46	
٠	Healthcare	12.71	12.74	13.20	
2	Utilities	2.95	3.61	3.10	



### Top 6 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	_	35.50	35.50	_	_
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	28.01	63.52	-	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	23.99	87.50	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	12.00	99.51	-	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec ldx Inv	-	0.49	100.00	-	-
🕀 Cashusd	_	0.00	100.00	-	-

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2030 Inv 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.

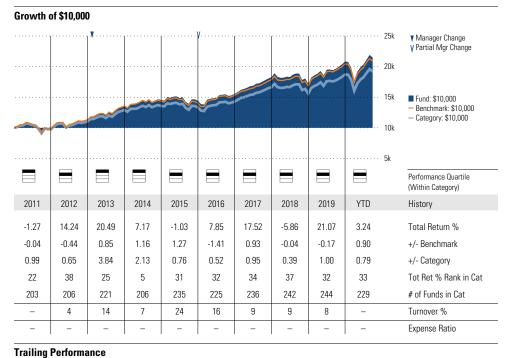
Management: The fund's management has been in place for 7.61 years.

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

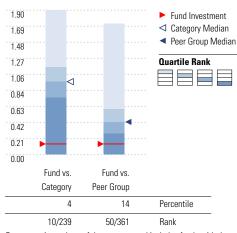
Net Expense: The fund's expense ratio of 0.14 is 81.33% lower than the Target-Date 2030 category average.

### 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.







	Fund	Bmark	Cat
Alpha	0.03	-	-0.63
Beta	1.02	-	0.99
R-Squared	99.37	-	97.91
Standard Deviation	11.99	11.74	11.70
Sharpe Ratio	0.49	0.49	0.43
Tracking Error	0.97	-	1.82
Information Ratio	0.15	-	-0.42
Up Capture Ratio	103.55	-	97.85
Down Capture Ratio	104.23	-	102.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	21.04	22.45
Price/Book Ratio	2.20	2.09	2.38
Avg Eff Duration	7.07	10.91	5.92

#### 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

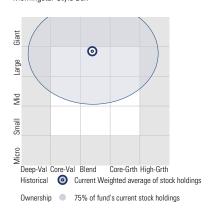
### Morningstar Category

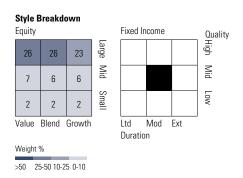
USD

Target-Date 2030

### Vanguard Target Retirement 2030 Inv VTHRX

Style Analysis as of 09-30-2020 Morningstar Style Box™





# 

Other	0.27	0.75
	0.27	8 75
Cash	0.14	2.71
Bonds	32.26	27.66
Non-US Stocks	27.09	21.52
US Stocks	40.22	39.35
Asset Class	Net %	Cat%

Morningstar Category

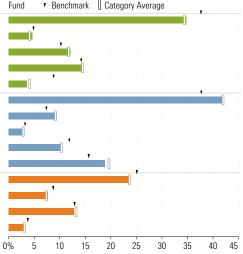
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund	<ul> <li>Benchm</li> </ul>	ark 🛛 Cate	g
Դ	Cyclical	34.76	37.50	34.40		· · · · ·		
A.	Basic Materials	4.62	4.71	4.10		_		
A	Consumer Cyclical	12.13	10.08	11.74		)	_	
ц.	Financial Services	14.42	14.06	14.46		· · ·		
ŵ	Real Estate	3.59	8.65	4.10				
w	Sensitive	41.85	37.56	41.96		_		
d	Communication Services	9.44	7.24	9.18	_			
0	Energy	3.13	3.07	2.83				
Ф	Industrials	10.46	11.72	10.33		[]	_	
	Technology	18.82	15.53	19.62				
<b>→</b>	Defensive	23.40	24.95	23.65		· · · ·		
F	Consumer Defensive	7.72	8.58	7.39		_		
٠	Healthcare	12.73	12.76	13.18		[		
	Utilities	2.95	3.61	3.08				
					00/	5 10	15 20	



#### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	40.49	40.49	_	_
• Vanguard Total Intl Stock Index Inv	-	26.97	67.46	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	22.69	90.15	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	9.85	100.00	_	-
igodot Cashusd	-	0.00	100.00	-	-

### Total Holdings 5

 $\oplus$  Increase  $\oplus$  Decrease 3 New to Portfolio

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### Vanguard Target Retirement 2035 Inv 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 10 of the 10 years it's been in existence.

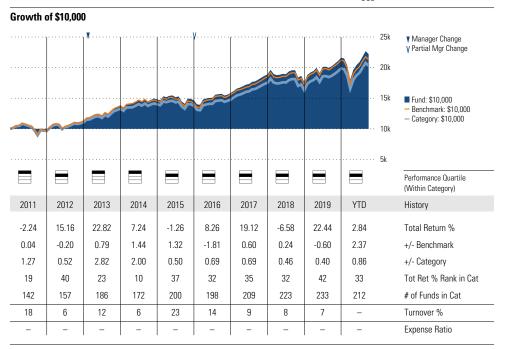
Management: The fund's management has been in place for 7.61 years.

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

Net Expense: The fund's expense ratio of 0.14 is 81.08% lower than the Target-Date 2035 category average.

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

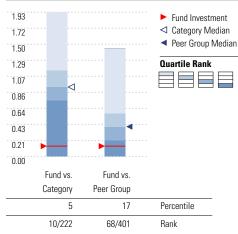
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



Morningstar Category

Target-Date 2035





3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.71	-	-0.01
Beta	0.98	-	0.99
R-Squared	99.53	-	98.95
Standard Deviation	13.26	13.55	13.52
Sharpe Ratio	0.47	0.42	0.41
Tracking Error	0.96	-	1.65
Information Ratio	0.64	-	-0.06
Up Capture Ratio	100.62	-	99.61
Down Capture Ratio	96.96	_	99.83

i oraono moaroo			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.89	22.35
Price/Book Ratio	2.20	2.07	2.36
Avg Eff Duration	7.06	11.20	6.04

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

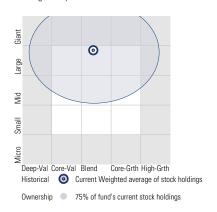
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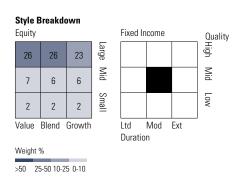


Morningstar Index Morningstar Lifetime Mod 2035 TR USD

### Vanguard Target Retirement 2035 Inv VTTHX

Style Analysis as of 09-30-2020 Morningstar Style Box™





# 

0.23	9.59
0.15	2.23
24.81	18.28
30.19	24.76
44.62	45.13
Net %	Cat%
	44.62 30.19 24.81

Morningstar Category

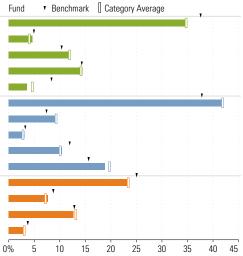
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund • Benchm
Դ	Cyclical	34.77	37.43	34.73	
æ.	Basic Materials	4.63	4.80	4.05	
4	Consumer Cyclical	12.13	10.23	11.91	
цф	Financial Services	14.42	14.16	14.15	<b>.</b>
ŵ	Real Estate	3.59	8.24	4.62	
w,	Sensitive	41.83	37.67	41.87	
	Communication Services	9.44	7.26	9.28	
٥	Energy	3.12	3.10	2.80	
¢	Industrials	10.46	11.80	10.09	
	Technology	18.81	15.51	19.70	
<b>→</b>	Defensive	23.39	24.90	23.40	•
E	Consumer Defensive	7.72	8.59	7.22	)
٠	Healthcare	12.72	12.71	13.14	
9	Utilities	2.95	3.60	3.04	



#### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	44.91	44.91	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	30.06	74.97	-	-
• Vanguard Total Bond Market II Idx Inv	-	17.48	92.45	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	7.55	100.00	-	-
igodot Cashusd	-	0.00	100.00	-	-

#### Total Holdings 5

 $\oplus$  Increase  $\oplus$  Decrease 3 New to Portfolio

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### Vanguard Target Retirement 2040 Inv 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 10 of the 10 years it's been in existence.

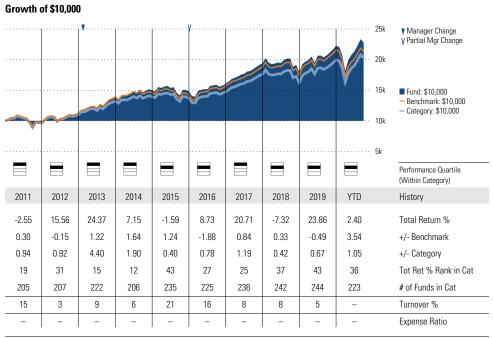
Management: The fund's management has been in place for 7.61 years.

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

Net Expense: The fund's expense ratio of 0.14 is 81.82% 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.

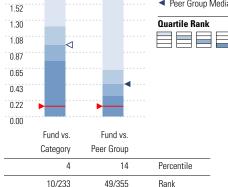




Information Ratio

Up Capture Ratio

Down Capture Ratio



Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.73	20.78	22.30
Price/Book Ratio	2.21	2.05	2.35
Avg Eff Duration	7.06	11.40	6.29

0.98

100.59

94.59

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

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0.19

97.16

94.72

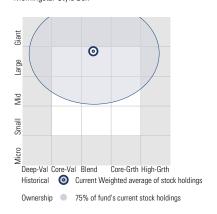
Morningstar Index Morningstar Lifetime Mod 2040 TR

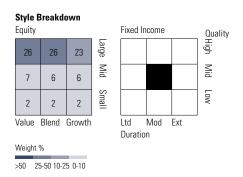
### Morningstar Category

Target-Date 2040 USD

### Vanguard Target Retirement 2040 Inv VFORX

Style Analysis as of 09-30-2020 Morningstar Style Box™





# 

17.37 0.14 0.17	11.92 1.96 8.25
17.37	11.92
32.97	27.79
49.34	50.09
Net %	Cat%
	49.34

Morningstar Category

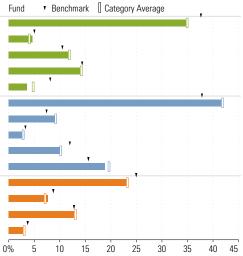
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund	۲
Դ	Cyclical	34.73	37.49	34.93		
æ.	Basic Materials	4.60	4.89	4.06	]	
A	Consumer Cyclical	12.13	10.37	11.88		
цф.	Financial Services	14.40	14.24	14.20		
ŵ	Real Estate	3.60	7.99	4.79		
w,	Sensitive	41.87	37.69	41.84		
	Communication Services	9.45	7.27	9.20		1
0	Energy	3.12	3.13	2.82		
¢	Industrials	10.45	11.83	10.18		
	Technology	18.85	15.46	19.64		
<b>→</b>	Defensive	23.40	24.82	23.23		
F	Consumer Defensive	7.71	8.59	7.14		
٠	Healthcare	12.74	12.65	13.06		
9	Utilities	2.95	3.58	3.03		
					00/	



### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	49.68	49.68	_	_
• Vanguard Total Intl Stock Index Inv	-	32.81	82.49	-	-
• Vanguard Total Bond Market II Idx Inv	-	12.24	94.72	-	-
• Vanguard Total Intl Bd Idx Investor	-	5.28	100.00	-	-
⊕ Cashusd	-	0.00	100.00	-	-

#### Total Holdings 5

 $\oplus$  Increase  $\oplus$  Decrease 3 New to Portfolio

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### Vanguard Target Retirement 2045 Inv 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.

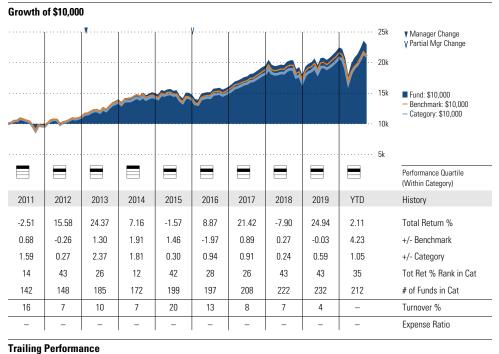
Management: The fund's management has been in place for 7.61 years.

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

Net Expense: The fund's expense ratio of 0.15 is 79.73% 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.



Morningstar Category

Target-Date 2045



Information Ratio

#### 0.65 0.43 0.22 Fund vs Fund vs Peer Group Category 5 17 Percentile 12/222 68/404 Rank

Up Capture Ratio 103.00 99.57 Down Capture Ratio 96.11 95.57 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 21 72 20.67 Price/Book Ratio 2.20 2.03

1.26

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

22.39 2.34 Avg Eff Duration 7 1 1 6.30

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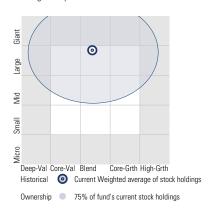


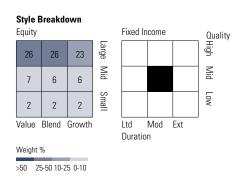
0.41

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

### Vanguard Target Retirement 2045 Inv VTIVX

Style Analysis as of 09-30-2020 Morningstar Style Box™





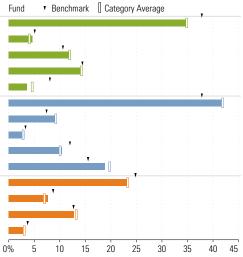
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Morningstar Category Target-Date 2045	<b>Morningstar Index</b> Morningstar Lifetime Mod 2045 TR USD			
Asset Class	Net %	Cat%		
US Stocks	54.09	53.03		
Non-US Stocks	36.30	29.90		
Bonds	9.36	6.87		
Cash	0.15	1.87		
Other	0.11	8.33		
Total	100.00	100.00		

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund	<ul> <li>Bench</li> </ul>
Դ	Cyclical	34.75	37.66	34.85		
æ.	Basic Materials	4.61	4.96	4.07	]	
A	Consumer Cyclical	12.14	10.48	11.94		
цф	Financial Services	14.41	14.29	14.24		-
ŵ	Real Estate	3.59	7.93	4.60		'
w,	Sensitive	41.85	37.67	41.86		_
đ	Communication Services	9.45	7.27	9.22		
•	Energy	3.12	3.15	2.82		_
¢	Industrials	10.45	11.85	10.07		)
	Technology	18.83	15.40	19.75		
<b>→</b>	Defensive	23.39	24.68	23.30		-
1	Consumer Defensive	7.71	8.56	7.01		
٠	Healthcare	12.74	12.55	13.24	_	
9	Utilities	2.94	3.57	3.05		



### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	54.46	54.46	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.13	90.58	_	-
• Vanguard Total Bond Market II Idx Inv	-	6.33	96.91	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	3.09	100.00	_	-
igodot Cashusd	-	0.00	100.00	_	-

### Total Holdings 5

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2050 Inv 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.

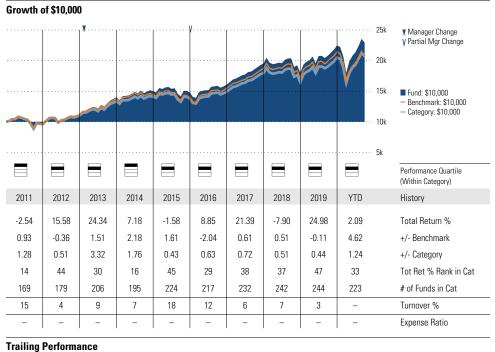
Management: The fund's management has been in place for 7.61 years.

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

Net Expense: The fund's expense ratio of 0.15 is 80.77% lower than the Target-Date 2050 category average.

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

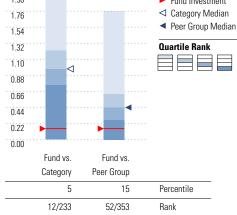
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.



Morningstar Category

Target-Date 2050





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

# of Funds in Category Cat 0.99 0.97 0.96 Beta 99.40 **R-Squared** 98.21 Standard Deviation 15 65 16 11 15.53 Sharpe Ratio 0.43 0.32 0.38 Tracking Error 1.31 2.00 Information Ratio 1.29 0.48 Up Capture Ratio 102.08 98.63 Down Capture Ratio 94.10 94.06

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.55	22.47
Price/Book Ratio	2.20	2.01	2.33
Avg Eff Duration	7.10	-	6.29

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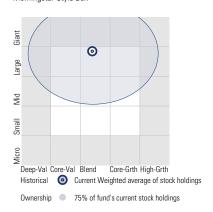
characteristics.

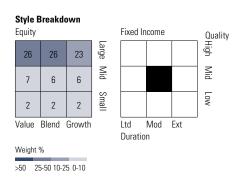


Morningstar Index Morningstar Lifetime Mod 2050 TR USD

### Vanguard Target Retirement 2050 Inv VFIFX

**Style Analysis** as of 09-30-2020 Morningstar Style Box™





# 0 50 100

#### Asset Class Net % Cat% US Stocks 54.15 54.61 Non-US Stocks 36.52 30.67 Bonds 9.08 5.86 Cash 0.15 1.93 Other 0.10 6.94 Total 100.00 100.00

**Morningstar Category** 

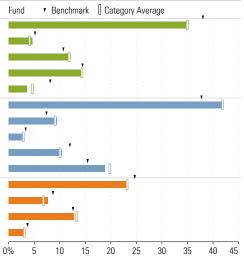
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund
Դ	Cyclical	34.76	37.88	34.96	_
ŵ.	Basic Materials	4.62	5.02	4.10	)
A	Consumer Cyclical	12.13	10.55	11.83	
цů	Financial Services	14.42	14.32	14.35	
ŵ	Real Estate	3.59	7.99	4.68	
w	Sensitive	41.84	37.60	41.86	
d	Communication Services	9.44	7.26	9.10	
0	Energy	3.12	3.18	2.88	
₽	Industrials	10.46	11.85	10.07	
	Technology	18.82	15.31	19.81	
<b>→</b>	Defensive	23.39	24.53	23.18	
F	Consumer Defensive	7.72	8.53	6.80	
٠	Healthcare	12.73	12.45	13.31	_
Ç	Utilities	2.94	3.55	3.07	
					00/ 5



### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	54.51	54.51	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.35	90.86	-	-
igodot Vanguard Total Bond Market II ldx Inv	-	6.18	97.05	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	2.95	100.00	-	-
igodot Cashusd	-	0.00	100.00	-	-

### Total Holdings 5

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

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### Vanguard Target Retirement 2055 Inv 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 10 of the 10 years it's been in existence.

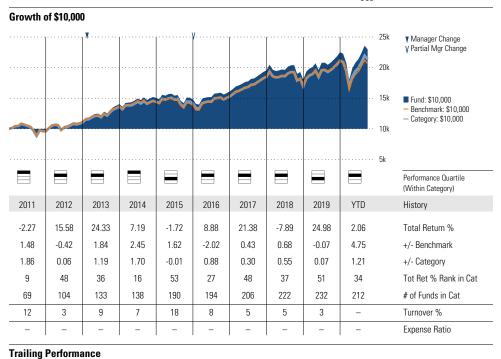
Management: The fund's management has been in place for 7.61 years.

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

Net Expense: The fund's expense ratio of 0.15 is 80% 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.



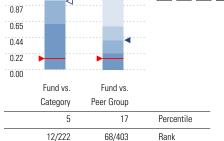
Morningstar Category

Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR

USD





Up Capture Ratio	101.88	-	100.95
Down Capture Ratio	93.34	-	95.74
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.71	20.47	22.74
Price/Book Ratio	2.20	1.99	2.38

7 08

Avg Eff Duration

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

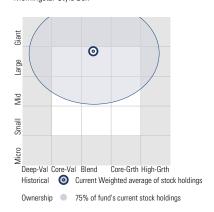
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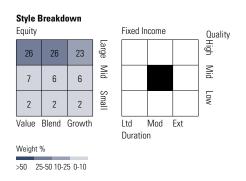


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### Vanguard Target Retirement 2055 Inv VFFVX

Style Analysis as of 09-30-2020 Morningstar Style Box™



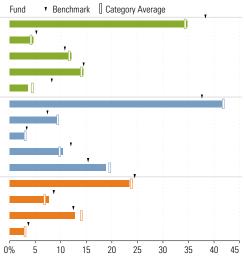


### Asset Allocation as of 09-30-2020 50 100 0

Morningstar Category Target-Date 2055	<b>Morningstar Index</b> Morningstar Lifetime Mod 2055 TR USD			
Asset Class	Net %	Cat%		
US Stocks	53.98	54.80		
Non-US Stocks	36.47	32.79		
Bonds	9.30	5.42		
Cash	0.15	2.72		
Other	0.11	4.27		
Total	100.00	100.00		

### Sector Weighting as of 09-30-2020

		Fund	Bmark	Cat	Fund
Դ	Cyclical	34.77	38.18	34.34	
æ.	Basic Materials	4.62	5.08	4.17	
<b>A</b>	Consumer Cyclical	12.13	10.66	11.68	
ц <b>р</b>	Financial Services	14.42	14.34	14.04	
ŵ	Real Estate	3.60	8.10	4.45	
w	Sensitive	41.85	37.49	41.80	
	Communication Services	9.44	7.25	9.40	
•	Energy	3.12	3.19	3.03	
Ф	Industrials	10.47	11.84	9.78	
	Technology	18.82	15.21	19.59	
	Defensive	23.40	24.33	23.86	
	Consumer Defensive	7.72	8.49	6.84	
٠	Healthcare	12.73	12.32	14.01	
2	Utilities	2.95	3.52	3.01	
					~~~



### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Inv	_	54.34	54.34	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.30	90.65	_	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.44	97.09	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	2.91	100.00	-	-
⊖ Cashusd	_	0.00	100.00	_	-

### Total Holdings 5

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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### Vanguard Target Retirement 2060 Inv 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 8 years it's been in existence.

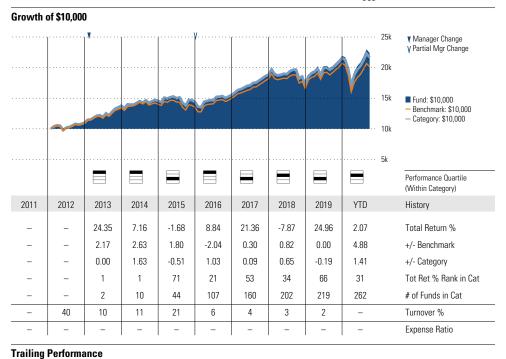
Management: The fund's management has been in place for 7.61 years.

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

Net Expense: The fund's expense ratio of 0.15 is 79.73% 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.





Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.72	20.38	22.27
Price/Book Ratio	2.20	1.98	2.31
Avg Eff Duration	7.04	-	6.10

21/340 74/466 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.

16

Percentile

Peer Group

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Category 6



Morningstar Index Morningstar Lifetime Mod 2060 TR

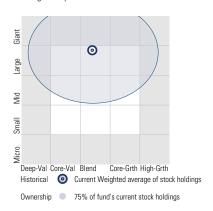
USD

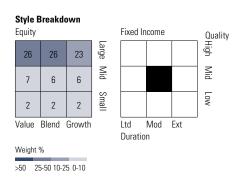
### Morningstar Category

Target-Date 2060+

### Vanguard Target Retirement 2060 Inv VTTSX

Style Analysis as of 09-30-2020 Morningstar Style Box™





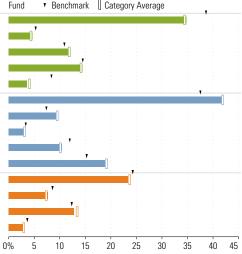
# 50 100 0

Morningstar Category Target-Date 2060+	<b>Morningstar Index</b> Morningstar Lifetime Mod 2060 TR USD			
Asset Class	Net %	Cat%		
US Stocks	53.78	54.45		
Non-US Stocks	36.26	33.92		
Bonds	9.70	7.19		
Cash	0.15	1.67		
Other	0.11	2.76		
Total	100.00	100.00		

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund 🔻 Benchmark 🛛 Catego	0
Դ	Cyclical	34.76	38.49	34.45		
ŵ.	Basic Materials	4.62	5.14	4.36		
A	Consumer Cyclical	12.13	10.76	11.86		
ц <u>е</u>	Financial Services	14.42	14.36	14.16		
ŵ	Real Estate	3.59	8.23	4.07		
w	Sensitive	41.85	37.38	41.86		
	Communication Services	9.44	7.24	9.49		
0	Energy	3.12	3.20	3.10		
¢	Industrials	10.46	11.82	10.12	]	
	Technology	18.83	15.12	19.15	[	
<b>→</b>	Defensive	23.39	24.14	23.70		
	Consumer Defensive	7.72	8.44	7.36		
٠	Healthcare	12.73	12.20	13.40		
	Utilities	2.94	3.50	2.94		



#### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Inv	-	54.14	54.14	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	36.09	90.23	-	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.97	97.20	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	2.80	100.00	-	-
igodot Cashusd	-	0.00	100.00	-	-

### Total Holdings 5

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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### Vanguard Target Retirement 2065 Inv 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 2060+ category's top three quartiles in 3 of the 3 years it's been in existence.

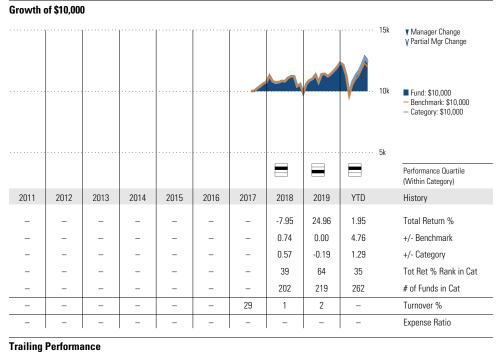
Management: The fund's management has been in place for 3.22 years.

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

Net Expense: The fund's expense ratio of 0.15 is 79.73% lower than the Target-Date 2060+ category average.

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

This fund fails our management tenure screen due to the inception of the new 2065 target date fund. This fund is managed by the same team as the full target date series, so we are comfortable with this screen failure.





Tracking Error

Information Ratio

Up Capture Ratio

0.85 0.64 0.42 0.21 Fund vs Fund vs Peer Group Category 6 16 Percentile 21/340 74/466 Rank

Down Capture Ratio	93.20	-	96.42
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.76	20.38	22.27
Price/Book Ratio	2.21	1.98	2.31
Avg Eff Duration	6.98	-	6.10

1.40

1.33

102.00

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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Cat

1.82

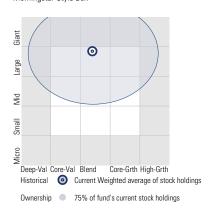
0.68

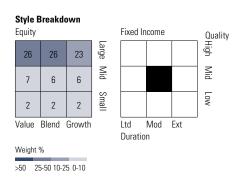
102.15

Morningstar Index Morningstar Lifetime Mod 2060 TR USD

### Vanguard Target Retirement 2065 Inv VLXVX

Style Analysis as of 09-30-2020 Morningstar Style Box™





# 50 100 0

Asset Class	Net %	Cat%
US Stocks	54.35	54.45
Non-US Stocks	35.83	33.92
Bonds	9.55	7.19
Cash	0.15	1.67
Other	0.11	2.76
Total	100.00	100.00

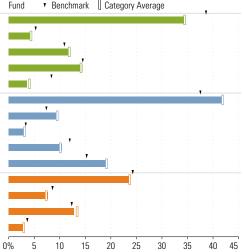
**Morningstar Category** Target-Date 2060+

Morningstar Index Morningstar Lifetime Mod 2060 TR USD

### Sector Weighting as of 09-30-2020

Asset Allocation as of 09-30-2020

		Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category A
Դ	Cyclical	34.72	38.49	34.45		ана селото на селото Селото на селото на с	and a second sec
æ.	Basic Materials	4.59	5.14	4.36			
A	Consumer Cyclical	12.13	10.76	11.86			
цů,	Financial Services	14.40	14.36	14.16			
ŵ	Real Estate	3.60	8.23	4.07		'	
w,	Sensitive	41.89	37.38	41.86		_	
	Communication Services	9.46	7.24	9.49			
0	Energy	3.10	3.20	3.10			
¢	Industrials	10.44	11.82	10.12			
	Technology	18.89	15.12	19.15			
<b>→</b>	Defensive	23.40	24.14	23.70		_	
F	Consumer Defensive	7.71	8.44	7.36		<b>—</b> )	
٠	Healthcare	12.75	12.20	13.40			
	Utilities	2.94	3.50	2.94			



#### Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Inv	-	54.72	54.72	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.65	90.37	-	-
• Vanguard Total Bond Market II Idx Inv	-	7.16	97.53	-	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	2.47	100.00	-	-
⊕ Cashusd	-	0.00	100.00	-	-

### Total Holdings 5

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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### Vanguard Target Retirement Income Inv 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.

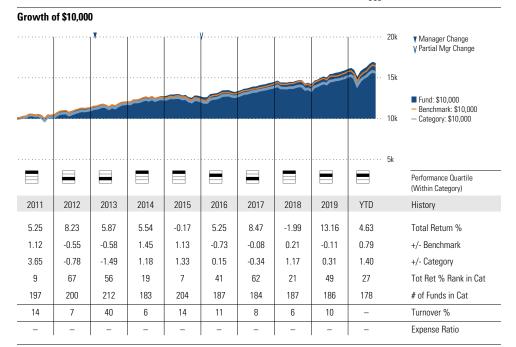
Management: The fund's management has been in place for 7.61 years.

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

Net Expense: The fund's expense ratio of 0.12 is 83.78% lower than the Target-Date Retirement category average.

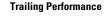
#### **Morningstar Investment Management LLC Analysis**

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.

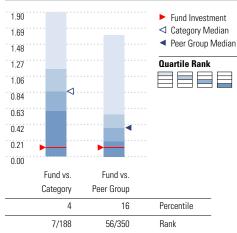


Morningstar Category

Target-Date Retirement







3-Teal hisk weulds			
	Fund	Bmark	Cat
Alpha	0.95	-	-0.83
Beta	0.86	-	0.98
R-Squared	97.49	-	93.27
Standard Deviation	5.73	6.61	6.68
Sharpe Ratio	0.73	0.61	0.48
Tracking Error	1.31	-	2.12
Information Ratio	0.15	-	-0.40
Up Capture Ratio	89.07	-	88.57
Down Capture Ratio	76.25	_	94.43
Portfolio Metrics			
	Fund	Bmark	Cat

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

Fund Bmark Cat Price/Earnings Ratio 21.65 21 72 22.02 Price/Book Ratio 2.19 2.20 2.25 Avg Eff Duration 6 05 4 96 6.30

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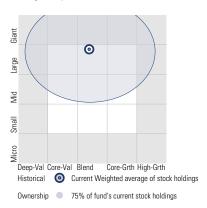


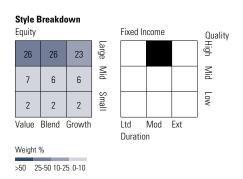
Morningstar Index Morningstar Lifetime Mod Incm TR

USD

### Vanguard Target Retirement Income Inv VTINX

Style Analysis as of 09-30-2020 Morningstar Style Box™





### 50 100 0

Asset Allocation as of 09-30-2020

Sector Weighting as of 09-30-2020

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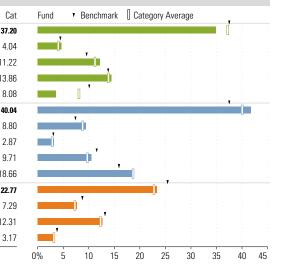
Other	0.44	11.99
Cash	0.75	5.82
Bonds	69.11	55.26
Non-US Stocks	12.20	9.66
US Stocks	17.50	17.28
Asset Class	Net %	Cat%

#### Դ Cyclical 34.86 37.35 37.20 ÷. Basic Materials 4.68 4.30 4.04 A Consumer Cyclical 12.14 9.44 11.22 **L Financial Services** 14.45 13.66 13.86 ŵ Real Estate 3.59 9.95 41.78 Sensitive 37.35 40.04

Fund

Bmark

•	Sensitive	41.70	37.33	40.04
d	Communication Services	9.43	7.25	8.80
0	Energy	3.15	2.92	2.87
Ф	Industrials	10.48	11.41	9.71
	Technology	18.72	15.77	18.66
-	Defensive	23.36	25.29	22.77
F	Consumer Defensive	7.73	8.60	7.29
٠	Healthcare	12.68	13.04	12.31
	Utilities	2.95	3.65	3.17



### Top 6 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Bond Market II ldx Inv	_	37.42	37.42	_	_
$\oplus$ Vanguard Total Stock Mkt ldx Inv	-	17.61	55.03	-	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	17.04	72.06	_	-
$\oplus$ Vanguard Total Intl Bd Idx Investor	-	15.78	87.85	-	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	12.15	100.00	-	-
⊖ Cashusd	-	0.00	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD