## American Century Diversified Bond R6 ADDVX

Morningstar Category Intermediate Core Bond Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

Robert Gahagan since 12-2002 Charles Tan since 10-2018 Jason Greenblath since 08-2021 Paul Norris since 11-2023

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 21.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.35 is 30% lower than the Intermediate Core Bond category average.

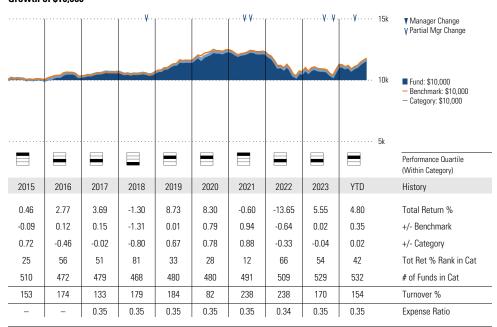
#### **Morningstar Investment Management LLC Analysis**

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

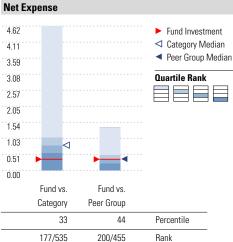
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.13	_	-0.09
Beta	1.01	_	0.98
R-Squared	99.26	_	98.10
Standard Deviation	7.73	7.63	7.55
Sharpe Ratio	-0.67	-0.66	-0.68
Tracking Error	0.67	-	0.96
Information Ratio	-0.21	-	-0.25
Up Capture Ratio	100.56	-	97.06
Down Capture Ratio	101.72	-	98.03

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.10	4.43	5.88
Avg Eff Maturity	8.90	-	8.21



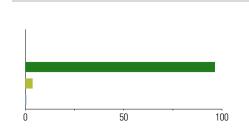
Duration

# American Century Diversified Bond R6 ADDVX

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

Style Analysis as of 09-30-2024





Asset Allocation as of 09-30-2024

Asset Class	Net %	Cat%
US Stocks	0.00	0.62
Non-US Stocks	0.00	0.23
Bonds	96.26	97.45
Cash	3.49	-0.01
Other	0.26	1.70
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	70.00	3.53	24.71
AA	2.70	74.59	39.01
A	9.16	10.82	22.22
BBB	13.44	8.32	12.31
BB	1.85	0.28	0.62
В	0.38	0.00	0.33
Below B	0.00	0.00	0.12
Not Rated	2.47	2.46	0.68

Sector Weighting as of 09-								_					
	Fund	Bmark	Cat	Fund	,	Benchm	ark	Categ	ory Ave	rage			
Government	34.45	-	30.70										
Treasury	17.68	-	24.87										
Inflation – Protected	0.00	_	1.37	[									
Agency/Quasi Agency	0.65	_	0.63										
Other Government Related	16.12	_	3.83										
Corporate	19.27	_	23.52										
Corporate Bond	19.19	_	23.34										
Bank Loan	0.00	_	0.04										
Convertible	0.00	_	0.00	ĺ									
Preferred	0.08	_	0.14										
Securitized	42.11	-	39.30										
Agency MBS Pass-Through	29.22	_	28.33						:				
Agency MBS ARM	0.02	_	0.18										
Agency MBS CM0	0.51	_	1.23										
Non-Agency Residential MBS	3.36	_	0.12										
Commercial MBS	1.93	-	2.27										
Asset-Backed	7.07	_	7.17										
Covered Bond	0.00	_	0.00										
Municipal	0.68	_	1.22	<b>I</b>									
Cash & Equivalents	3.50	_	4.52										
Other	0.00	_	0.75	ļ[]									
				0%	5	10	15	20	25	30	35	40	4

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Dec24 Xcbt 20241231	12-2024	8.00	8.00	_
① 2 Year Treasury Note Future Dec 24	12-2024	6.69	14.68	_
① United States Treasury Notes 3.625%	08-2029	3.28	17.96	_
⊕ United States Treasury Notes 4.875%	10-2030	1.28	19.24	_
⊕ Lma S A / Lma Amers Llc 0%	10-2024	1.17	20.40	-
United States Treasury Notes 4.625%	06-2027	1.12	21.52	_
─ United States Treasury Bonds 4.75%	11-2043	1.03	22.55	_
Government National Mortgage Association 2%	10-2050	0.86	23.42	_
→ Federal Home Loan Mortgage Corp. 4%	06-2052	0.86	24.27	_
€ Lion Bay Funding Designated Activity Co. 0%	10-2024	0.83	25.10	_

Total Holdings 584



#### American Funds Capital Income Bldr R6 RIRGX

#### Morningstar Category Global Allocation

#### Morningstar Index

Morningstar Gbl Allocation TR USD

Turnover %

Expense Ratio

#### Portfolio Manager(s)

James Lovelace since 01-1992 David Hoag since 01-2004 Steven Watson since 01-2007 Winnie Kwan since 01-2007 Alfonso Barroso since 01-2010 Grant Cambridge since 01-2013 Philip Winston since 01-2014 Fergus MacDonald since 01-2015 Aline Avzaradel since 01-2016 Caroline Randall since 01-2021 Charles Ellwein since 01-2023 William Robbins since 01-2024

#### **Quantitative Screens**

- Performance: The fund has finished in the Global Allocation category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 32.77 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 0.27 is 76.11% lower than the Global Allocation category average.

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

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

#### **ESG Metrics**

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

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$10,000 Benchmark: \$10,000 Category: \$10,000 Performance Quartile (Within Category) 2015 2016 2017 2018 2019 2020 2021 2022 2023 YTD History -2.64 7.23 14.56 -6.74 17.75 3.60 15.39 -6.83 9.32 13.80 Total Return % -0.66 0.23 -2.56 -1.18 -0.78 -9.95 6.08 10.27 -6.14 0.96 +/- Benchmark +/- Category 1.19 -0.23 1.52 1.65 -2.58 4.08 5.51 -1.40 2.74 1.51 44 25 53 29 36 67 23 15 67 22 Tot Ret % Rank in Cat 505 467 456 446 431 437 416 # of Funds in Cat



41

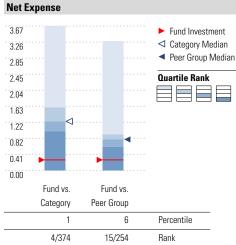
0.27

27

0.26

106

0.27



469

73

0.30

63

47

467

0.29

45

0.28

118

0.27

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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	3.82	_	0.64
Beta	0.89	_	0.91
R-Squared	87.19	_	87.06
Standard Deviation	12.41	13.03	12.65
Sharpe Ratio	0.33	0.06	0.07
Tracking Error	4.67	_	4.44
Information Ratio	0.77	_	-0.04
Up Capture Ratio	106.36	_	95.21
Down Capture Ratio	87.96	_	92.84

366

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.25	20.71	19.57
Price/Book Ratio	2.60	2.77	2.49
Avg Eff Duration	5.67	_	4.44



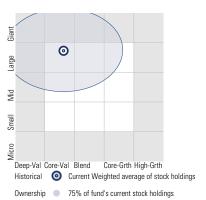
# American Funds Capital Income Bldr R6 RIRGX

Quality

**Morningstar Category Morningstar Index** Global Allocation Morningstar Gbl Allocation TR USD

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

Morningstar Style Box™



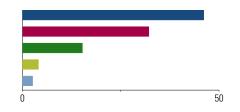
### Style Breakdown

Equity				Fixed I	ncome
45	28	12	Large		
8	5	0	Mid		
1	1	0	Small		
Value	Blend	Growth		Ltd	Mod

High MidLow Mod Duration

Weight % >50 25-50 10-25 0-10

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



Total	100 00	100 00
Other	2.55	6.85
Cash	4.03	10.58
Bonds	15.22	25.40
Non-US Stocks	32.12	23.52
US Stocks	46.09	33.65
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund • Benchmark Category Average
<b>1</b> ₊	Cyclical	31.14	33.94	36.86	Tunu Benciimark   Category Average
	Basic Materials	2.59	4.38	5.23	_ 'n
Д	Consumer Cyclical	6.39	10.81	9.26	
<del>,</del>	Financial Services	16.57	15.88	13.25	, , , , , , , , , , , , , , , , , , ,
ŵ	Real Estate	5.59	2.87	9.12	
W	Sensitive	36.58	46.45	41.89	
	Communication Services	3.35	7.24	5.58	
•	Energy	6.99	4.02	7.20	
Ф	Industrials	11.11	11.36	10.98	
	Technology	15.13	23.83	18.13	
<b>-</b>	Defensive	32.28	19.60	21.27	
Ħ	Consumer Defensive	10.94	6.13	5.72	
+	Healthcare	13.10	10.63	10.58	
•	Utilities	8.24	2.84	4.97	

<b>Top 10 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	_	4.08	4.08	_	_
⊕ Broadcom Inc	_	4.07	8.15	55.95	Technology
→ Philip Morris International Inc	_	2.63	10.79	33.24	Consumer Defensive
AbbVie Inc	_	2.43	13.22	30.43	Healthcare
⊕ Cap Grp Cent Fd Ser Ii	-	2.38	15.59	-	-
	_	1.88	17.47	15.03	Technology
⊕ RTX Corp	-	1.74	19.21	46.20	Industrials
⊕ VICI Properties Inc Ordinary Shares	_	1.65	20.85	8.45	Real Estate
	_	1.40	22.26	_	Technology
⊕ JPMorgan Chase & Co	_	1.33	23.58	25.93	Financial Services

#### Total Holdings 2121



# American Funds Intl Gr and Inc R6 RIGGX

Morningstar Category Foreign Large Blend Morningstar Index MSCI ACWI Ex USA NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

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

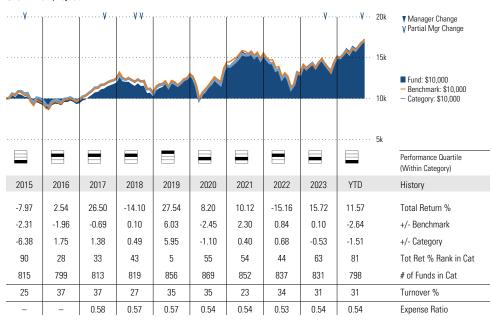
#### **Morningstar Investment Management LLC Analysis**

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Management's quantitative screens. Morningstar
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qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

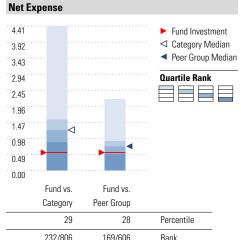
#### **ESG Metrics**

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

### Growth of \$10,000







3-Year KISK Wellics			
	Fund	Bmark	Cat
Alpha	0.24	_	-0.05
Beta	0.99	_	1.02
R-Squared	94.18	_	92.90
Standard Deviation	16.70	16.34	17.33
Sharpe Ratio	0.11	0.10	0.10
Tracking Error	4.03	_	4.62
Information Ratio	0.04	-	0.00
Up Capture Ratio	102.01	_	105.97
Down Capture Ratio	101.60	-	107.27

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.71	15.78	15.57
Price/Book Ratio	1.84	1.85	1.89
Geom Avg Mkt Cap \$B	57.70	52.84	63.57
ROE	18.74	16.65	18.70



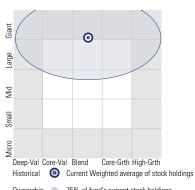
### American Funds Intl Gr and Inc R6 RIGGX

#### **Morningstar Category** Foreign Large Blend

#### **Morningstar Index** MSCI ACWI Ex USA NR USD

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

Morningstar Style Box™



#### Ownership 75% of fund's current stock holdings

### Style Breakdown

Equity

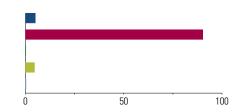
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Value Blend Growth

Weight %

>50 25-50 10-25 0-10

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



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

		Fund	Bmark	Cat	Fund Benchmark Category Average
b	Cyclical	36.43	41.84	38.35	
à.	Basic Materials	4.99	7.13	6.28	
4	Consumer Cyclical	9.90	10.56	10.23	
£	Financial Services	19.56	22.19	20.32	
b	Real Estate	1.98	1.96	1.52	
M	Sensitive	41.76	38.31	39.09	
	Communication Services	7.76	6.08	5.08	
•	Energy	4.61	5.12	4.58	
\$	Industrials	15.18	13.70	16.70	
1	Technology	14.21	13.41	12.73	
+	Defensive	21.80	19.84	22.55	
Ę	Consumer Defensive	11.15	7.14	7.90	
ŀ	Healthcare	8.59	9.63	12.14	
?	Utilities	2.06	3.07	2.51	

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



	Funa %	Cat %
Greater Asia	29.98	34.59
Japan	6.83	18.85
Australasia	0.44	4.68
Asia-4 Tigers	12.74	6.46
Asia-ex 4 Tigers	9.97	4.60
Not Classified	0.00	0.00

Americas	Fund % 12.63	Cat % 8.81	Greater Europe	Fund % 57.38	Cat % 56.59	Market Maturity	Fund %
North America	9.78	7.75	United Kingdom	14.16	13.90	Developed Markets	86.75
Central/Latin	2.85	1.06	W euro-ex UK	42.35	41.71	Emerging Markets	13.25
			Emrgng Europe	0.00	0.12	Not Available	0.00
			Africa	0.87	0.86		

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Capital Group Central Cash M	4.75	4.75	_	_
Taiwan Semiconductor Manufacturing Co Ltd	4.07	8.82	_	Technology
	2.50	11.31	_	Healthcare
	2.10	13.41	11.52	Healthcare
⊕ ASML Holding NV	1.98	15.40	10.07	Technology
⊕ TotalEnergies SE	1.93	17.33	-0.06	Energy
	1.67	18.99	_	Technology
BAE Systems PLC	1.61	20.60	13.10	Industrials
British American Tobacco PLC	1.39	21.99	26.36	Consumer Defensive
① Tencent Holdings Ltd	1.39	23.38	-	Communication Svc

### Total Holdings 251

### **Baird Core Plus Bond Inst** BCOIX

#### Morningstar Category Intermediate Core Bond

#### Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

✓ Net Expense: The fund's expense ratio of 0.3 is 59.46% lower than the Intermediate Core-Plus Bond category average.

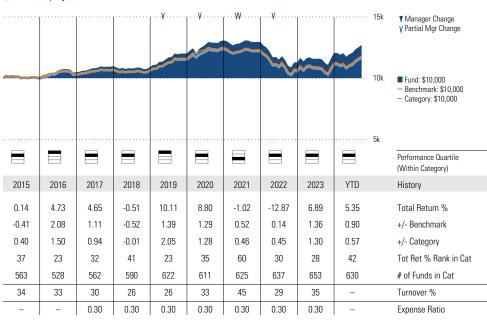
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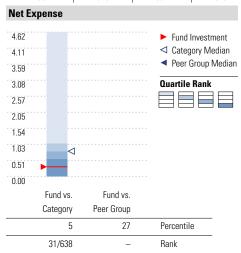
#### **ESG Metrics**

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

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 09-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 5 year 10 year Since Inception 3 year Fund Return % 5.22 12.85 -0.67 1.21 2.58 4.87 5.20 11.57 -1.39 0.33 1.84 6.60 Benchmark Return % 5.05 11 56 -1 39 0.43 1 75 Category Average % 47 34 27 31 19 % Rank in Category 637 618 561 519 365 # of Funds in Category



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

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.72	-	-0.09
Beta	1.00	-	0.98
R-Squared	99.41	-	98.10
Standard Deviation	7.62	7.63	7.55
Sharpe Ratio	-0.57	-0.66	-0.68
Tracking Error	0.59	-	0.96
Information Ratio	1.22	-	-0.25
Up Capture Ratio	100.25	-	97.06
Down Capture Ratio	93.90	-	98.03

Portfolio Metrics								
	Fund	Bmark	Cat					
Avg Eff Duration	5.90	4.43	5.88					
Avg Eff Maturity	7.97	-	8.21					



Duration

### **Baird Core Plus Bond Inst** BCOIX

Style Analysis as of 09-30-2024

Style Breakdown

Fixed Income

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Signature

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Fixed Income

Ouality

Fixed Income

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	54.70	3.53	24.71
AA	2.60	74.59	39.01
A	12.30	10.82	22.22
BBB	27.60	8.32	12.31
BB	2.40	0.28	0.62
В	0.10	0.00	0.33
Below B	0.00	0.00	0.12
Not Rated	0.30	2.46	0.68

#### Asset Allocation as of 09-30-2024 Asset Class Net % Cat% US Stocks 0.01 0.62 Non-US Stocks 0.23 0.00 Bonds 97.47 97.45 Cash 2.50 -0.01 Other 0.02 1.70 50 100 Total 100.00 100.00

**Morningstar Category** 

Intermediate Core Bond

**Morningstar Index** 

Bloomberg US Agg Bond TR USD

	Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	orv Avo	erage		
Government	23.12		30.70							3-		
Treasury	23.12	_	24.87						<b>=</b> [			
Inflation - Protected	0.00	_	1.37	i [								
Agency/Quasi Agency	0.00	_	0.63	10								
Other Government Related	0.00	_	3.83	į								
Corporate	43.34	_	23.52									
Corporate Bond	43.33	_	23.34									
Bank Loan	0.00	_	0.04									
Convertible	0.01	_	0.00	İ								
Preferred	0.00	_	0.14									
Securitized	30.18	-	39.30									
Agency MBS Pass-Through	16.90	_	28.33									
Agency MBS ARM	0.00	_	0.18									
Agency MBS CMO	1.15	_	1.23									
Non-Agency Residential MBS	1.23	_	0.12									
Commercial MBS	4.05	_	2.27									
Asset-Backed	6.85	_	7.17									
Covered Bond	0.00	_	0.00									
Municipal	0.86	-	1.22									
Cash & Equivalents	2.50	_	4.52		0							
Other	0.00	-	0.75									

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 3.13%	08-2027	2.73	2.73	_
⊕ First American Government Obligs U	02-2030	2.20	4.92	_
⊕ United States Treasury Bonds 3.88%	05-2043	1.97	6.89	_
─ United States Treasury Bonds 3.38%	08-2042	1.83	8.72	_
⊕ United States Treasury Notes 2.75%	05-2029	1.72	10.44	_
United States Treasury Bonds 2.88%	05-2043	1.63	12.07	_
─ United States Treasury Bonds 2.5%	02-2045	1.50	13.57	_
─ United States Treasury Notes 4.38%	08-2026	1.39	14.96	_
─ United States Treasury Notes 1.13%	10-2026	1.31	16.27	_
United States Treasury Bonds 2.88%	05-2052	1.23	17.50	_

Total Holdings 1713



### **DFA US Large Cap Value I** DFLVX

# Morningstar Category Large Value

Morningstar Index Russell 1000 Value TR USD

#### Portfolio Manager(s)

Jed Fogdall since 02-2012 John Hertzer since 02-2022 Allen Pu since 02-2024

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 12.6 years.

Net Expense: The fund's expense ratio of 0.22 is 75.28% lower than the Large Value category average.

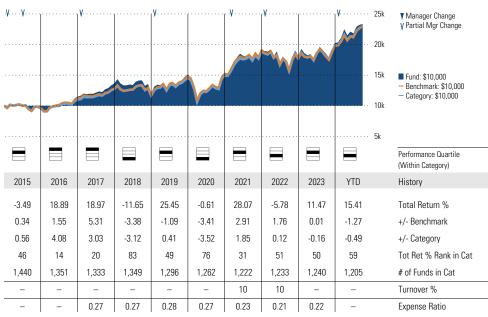
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Management's quantitative screens. Morningstar
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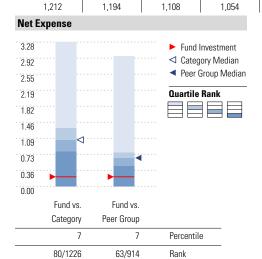
#### **ESG Metrics**

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

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 09-30-2024 ■ Fund Benchmark Category 15 10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year 10.06 Fund Return % 6.96 25.87 9.29 10.97 9.14 11.75 9.43 27.76 9.03 10.69 9.23 Benchmark Return % 8 04 27 14 9 58 11.24 9.30 Category Average % 72 57 55 56 % Rank in Category 820 # of Funds in Category



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

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-0.11	_	0.87
Beta	1.06	_	0.95
R-Squared	96.81	_	93.93
Standard Deviation	17.86	16.65	16.42
Sharpe Ratio	0.37	0.37	0.41
Tracking Error	3.32	-	4.14
Information Ratio	0.08	-	0.14
Up Capture Ratio	103.88	-	96.16
Down Capture Ratio	104.13	-	92.64

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.63	20.63	19.28
Price/Book Ratio	2.20	2.67	2.57
Geom Avg Mkt Cap \$B	82.21	82.91	136.41
ROE	14.95	17.78	22.00



# **DFA US Large Cap Value I** DFLVX

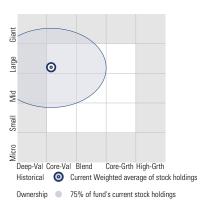
# Morningstar Category Large Value

Morningstar Index

Russell 1000 Value TR USD

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

Morningstar Style Box™



### Style Breakdown

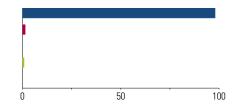
Equity

42	9	1	Large
24	19	3	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

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



Total	100.00	100.00
Other	0.00	1.14
Cash	0.74	1.11
Bonds	0.00	0.21
Non-US Stocks	1.31	5.74
US Stocks	97.95	91.81
Asset Class	Net %	Cat%

Sec	tor Weighting as of 09-	30-2024				
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average	
Դ	Cyclical	36.21	36.02	33.33		
A	Basic Materials	7.00	3.96	3.39		
A	Consumer Cyclical	5.85	6.72	7.00		
<b>P</b>	Financial Services	22.82	20.36	19.46		
命	Real Estate	0.54	4.98	3.48		
W	Sensitive	42.76	35.42	37.50		
d	Communication Services	6.02	4.27	5.53		
•	Energy	12.76	6.74	7.74		
Ф	Industrials	12.32	13.94	11.37	· ·	
	Technology	11.66	10.47	12.86		
<b>→</b>	Defensive	21.01	28.55	29.16		
Ħ	Consumer Defensive	5.04	7.88	8.68		
٠	Healthcare	15.61	15.61	15.08	0	
•	Utilities	0.36	5.06	5.40	i i	
					0% 5 10 15 20 25 30	35 40

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Exxon Mobil Corp	4.87	4.87	20.09	Energy
→ JPMorgan Chase & Co	4.73	9.59	25.93	Financial Services
→ Berkshire Hathaway Inc Class B	2.50	12.09	29.05	Financial Services
○ Chevron Corp	1.80	13.89	2.01	Energy
○ Cisco Systems Inc	1.62	15.50	7.70	Technology
─ UnitedHealth Group Inc	1.37	16.87	12.21	Healthcare
→ Pfizer Inc	1.31	18.18	4.90	Healthcare
○ Comcast Corp Class A	1.30	19.49	-2.67	Communication Svc
The Goldman Sachs Group Inc	1.27	20.75	30.55	Financial Services
→ Verizon Communications Inc	1.24	21.99	24.42	Communication Svc
Salesforce Inc     Sale	1.20	23.18	4.47	Technology
→ Wells Fargo & Co	1.12	24.30	17.01	Financial Services
AT&T Inc	1.06	25.36	36.07	Communication Svc
∋ Elevance Health Inc	1.02	26.38	11.31	Healthcare
○ ConocoPhillips	1.01	27.39	-7.28	Energy

Total Holdings 332



### MFS Mid Cap Growth R6 OTCKX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 15.87 years.

Net Expense: The fund's expense ratio of 0.66 is
 37.74% lower than the Mid-Cap Growth category average.
 ■ Output
 Description: The fund's expense ratio of 0.66 is
 37.74% lower than the Mid-Cap Growth category average.

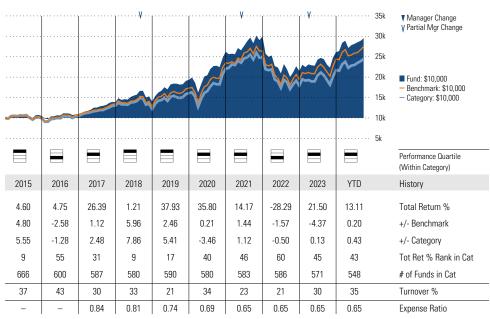
#### **Morningstar Investment Management LLC Analysis**

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

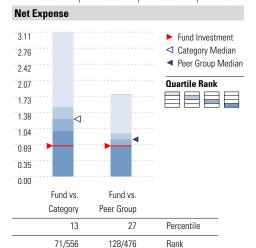
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	2-Basic	02-15-2022

#### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.73	_	-2.53
Beta	0.92	_	0.98
R-Squared	94.82	_	90.82
Standard Deviation	20.10	21.31	22.10
Sharpe Ratio	-0.02	0.03	-0.08
Tracking Error	4.90	_	6.61
Information Ratio	-0.18	_	-0.59
Up Capture Ratio	92.39	_	94.64
Down Capture Ratio	95.16	_	104.30

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



# MFS Mid Cap Growth R6 OTCKX

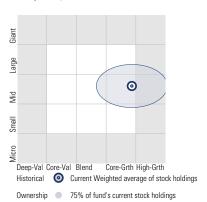
# Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

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

Morningstar Style Box™



### Style Breakdown

Equity

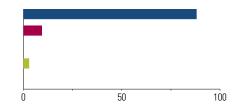
0	4	13	raige
2	13	57	MIN
1	2	7	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

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



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

Sec	ctor Weighting as of 09-3	30-2024														
		Fund	Bmark	Cat	Fun	d	▼ Be	nchma	ark [	Cate	jory Av	/erage				
Դ	Cyclical	28.80	28.42	28.81												
A	Basic Materials	1.90	0.99	2.00												
A	Consumer Cyclical	12.64	15.37	12.82				0								
Ę	Financial Services	12.69	10.61	11.40												
<b>fi</b>	Real Estate	1.57	1.45	2.59												
W	Sensitive	54.19	53.61	50.91												
	Communication Services	6.35	2.63	3.67												
•	Energy	2.94	3.89	2.99												
Ф	Industrials	22.12	16.38	17.78												
	Technology	22.78	30.71	26.47							7					
<b>→</b>	Defensive	17.01	17.96	20.28				-								
Ħ	Consumer Defensive	1.66	2.43	2.45												
+	Healthcare	14.76	13.79	16.95												
•	Utilities	0.59	1.74	0.88	•											
					0%	5	10	15	20	25	30	35	40	45	50	55

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Howmet Aerospace Inc	3.32	3.32	85.57	Industrials
	2.77	6.09	47.16	Technology
⊕ Currency Cash CASH_USD	2.75	8.85	_	-
Guidewire Software Inc	2.43	11.28	67.77	Technology
Spotify Technology SA	2.25	13.53	96.12	Communication Svc
Bright Horizons Family Solutions Inc	2.18	15.71	48.69	Consumer Cyclical
Gartner Inc	2.17	17.88	12.34	Technology
MSCI Inc	2.14	20.02	3.90	Financial Services
Verisk Analytics Inc	2.13	22.15	12.67	Industrials
Tyler Technologies Inc	2.10	24.25	39.61	Technology
Take-Two Interactive Software Inc	2.09	26.34	-4.50	Communication Svc
Wolters Kluwer NV	2.05	28.38	19.26	Industrials
Westinghouse Air Brake Technologies Corp	1.97	30.36	43.71	Industrials
Arthur J. Gallagher & Co	1.86	32.22	25.92	Financial Services
○ Vulcan Materials Co	1.85	34.07	10.92	Basic Materials

Total Holdings 93



## PIMCO Real Return Insti PRRIX

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

❷ Performance: The fund has finished in the InflationProtected 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 5.73 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.5 is 25.37% lower than the Inflation-Protected Bond category average.

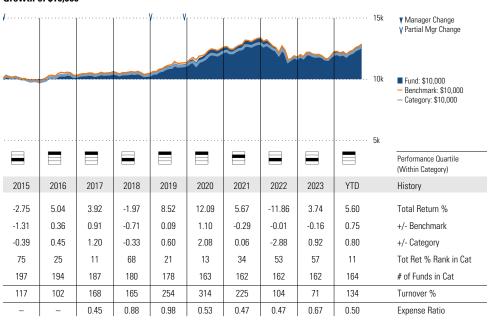
#### **Morningstar Investment Management LLC Analysis**

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

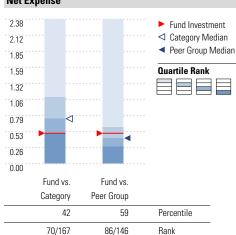
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024

#### Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.12	_	-0.25
Beta	1.01	_	1.00
R-Squared	99.05	_	96.43
Standard Deviation	7.31	7.18	7.78
Sharpe Ratio	-0.56	-0.58	-0.60
Tracking Error	0.72	_	1.66
Information Ratio	0.15	_	-0.49
Up Capture Ratio	101.51	_	98.55
Down Capture Ratio	100.33	_	101.62

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.55	4.52	5.50
Avg Eff Maturity	5.40	-	6.78



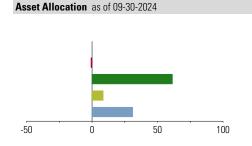
### PIMCO Real Return Instl PRRIX

Morningstar Category Inflation-Protected Bond Morningstar Index Bloomberg US Treasury US TIPS TR USD



Duration





Asset Class	Net %	Cat%
US Stocks	0.00	0.28
Non-US Stocks	-0.81	-0.08
Bonds	61.35	96.14
Cash	8.47	2.24
Other	31.00	1.43
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	83.87	0.00	33.63
AA	6.11	99.60	62.08
A	2.71	0.00	0.83
BBB	4.29	0.00	0.96
BB	0.37	0.00	0.10
В	0.87	0.00	0.02
Below B	1.78	0.00	0.08
Not Rated	0.00	0.40	2.30

	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Av	erane	
Government	59.82	Dillaik _	85.91	runu	Delicilliar	ii category At	craye	
	0.06		0.38					
Treasury		_		4 :				
Inflation – Protected	37.19	_	80.08					
Agency/Quasi Agency	0.00	-	0.10					
Other Government Related	22.57	_	5.35					
Corporate	0.08	_	1.05	Į[]				
Corporate Bond	0.05	_	1.02	i[]				
Bank Loan	0.00	_	0.00					
Convertible	0.00	_	0.00	0				
Preferred	0.03	_	0.03	0 6				
Securitized	10.51	_	4.67					
Agency MBS Pass-Through	5.74	_	2.24					
Agency MBS ARM	0.00	_	0.00	İ				
Agency MBS CMO	0.17	_	0.38					
Non-Agency Residential MBS	0.53	_	0.05					
Commercial MBS	0.03	_	0.23					
Asset-Backed	3.91	_	1.74					
Covered Bond	0.13	_	0.03					
Municipal	0.00	-	0.01					
Cash & Equivalents	21.13	_	8.21					
Other	8.46	_	0.14					

Top 10 Holdings as of 09-30-2024 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector → RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Receive 02-2025 20.89 20.89 → RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Pay 02-2025 20.89 41.78 igoplus 5 Year Treasury Note Future Sept 24 10-2024 60.23 18.45 ☼ Offset: Unsettled Trades 12.96 73.19 ① IRS EUR 2.75000 09/18/24-10Y LCH Pay 09-2034 85.29 12.10 ⊕ IRS EUR 2.75000 09/18/24-10Y LCH Receive 09-2034 12.05 97.34 ① Ultra 10 Year US Treasury Note Future Sept 24 09-2024 10.20 107.54 10-2024 9.82 117.36 **⊕** EUROPEAN MONETARY UNION EURO Sold 08-2024 9.14 126.50 ⊕ EUROPEAN MONETARY UNION EURO Purchased 08-2024 9.14 135.64

Total Holdings 935



# PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 13.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.48 is 20% higher than the Ultrashort Bond category average.

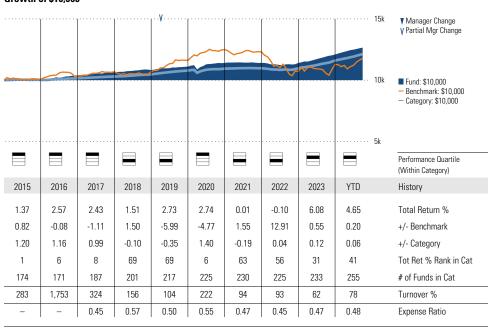
#### **Morningstar Investment Management LLC Analysis**

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

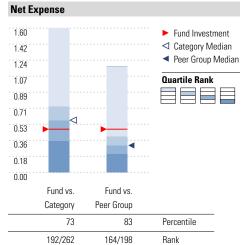
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.37	-	3.45
Beta	0.02	-	0.10
R-Squared	1.90	-	34.61
Standard Deviation	1.30	7.63	1.27
Sharpe Ratio	-0.52	-0.66	-0.69
Tracking Error	7.56	-	6.98
Information Ratio	0.63	-	0.68
Up Capture Ratio	14.87	-	23.03
Down Capture Ratio	-16.33	-	-9.00

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	-0.01	4.43	1.24
Avg Eff Maturity	_	_	1.90



Below B

Not Rated

## PIMCO Short-Term Inst PTSHX

Styl	e Anal	ysis	as of 09-30-2	202
Style	Break	lown		
Fixed	Income		Quality	
			High	
			Mid	
			Low	
Ltd	Mod	Ext		
Durat	ion			

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	51.10	3.53	39.54
AA	5.77	74.59	12.56
A	23.30	10.82	16.29
BBB	18.71	8.32	17.53
BB	0.69	0.28	2.42
В	0.23	0.00	1.19

0.20

0.00

0.00

2.46

0.39

10.08



**Morningstar Category** 

Morningstar Index

			_				По			
	Fund	Bmark	Cat	Fund	•	Benchmark	[] Cat	Average		
Government	18.73	-	20.94		:	:	:			
Treasury	13.42	_	17.04							
Inflation – Protected	1.89	_	0.18							
Agency/Quasi Agency	1.93	_	0.88							
Other Government Related	1.49	_	2.84							
Corporate	27.71	_	36.21							
Corporate Bond	27.71	_	36.05							
Bank Loan	0.00	-	0.14							
Convertible	0.00	_	0.00							
Preferred	0.00	_	0.02							
Securitized	27.46	-	20.68							
Agency MBS Pass-Through	0.51	_	0.95							
Agency MBS ARM	0.08	_	0.17							
Agency MBS CMO	1.23	_	1.70							
Non-Agency Residential MBS	2.71	_	0.15							
Commercial MBS	2.82	_	2.09							
Asset-Backed	20.11	_	15.62							
Covered Bond	0.00	_	0.00							
Municipal	0.20	_	0.50	1]						
Cash & Equivalents	20.00	_	20.12			-				
Other	5.86	_	1.56							

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☼ Offset: Unsettled Trades	_	23.59	23.59	_
** Cash Offset	_	17.03	40.61	-
⊕ United States Treasury Bills 0%	07-2024	14.29	54.90	-
∋ 5 Year Treasury Note Future Sept 24	10-2024	8.71	63.61	-
⊕ United States Treasury Bills 0%	08-2024	6.84	70.46	_
⊕ ORO USD 1Y P 4.90000 L 09/09/24 FAR	09-2024	4.73	75.18	_
→ AUSTRALIAN DOLLARS Sold	08-2024	3.74	78.92	-
→ AUSTRALIAN DOLLARS Purchased	08-2024	3.74	82.66	-
⊕ U S TREASURY REPO	07-2024	2.65	85.31	-
─ United States Treasury Notes 4.5%	05-2029	2.55	87.86	_

**Total Holdings** 1153



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

Morningstar Category

Large Growth

Morningstar Index

Russell 1000 Growth TR USD

#### Portfolio Manager(s)

Management Team since 07-1999

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 25.27 years.

Net Expense: The fund's expense ratio of 0.04 is 95.12% lower than the Large Growth category average.

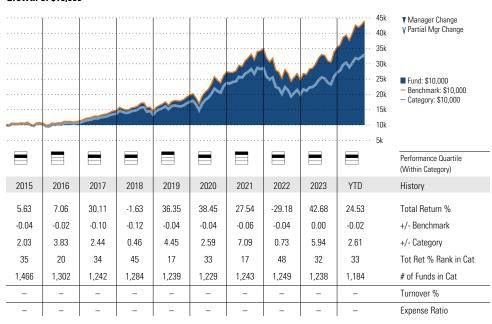
#### **Morningstar Investment Management LLC Analysis**

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Management's quantitative screens. Morningstar
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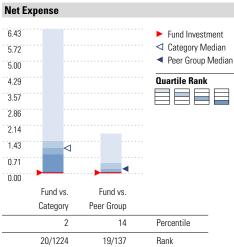
#### **ESG Metrics**

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

#### Growth of \$10,000



#### **Trailing Performance Total Return %** 45% as of 09-30-2024 ■ Fund Benchmark Category 20 15 10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 3.19 42.22 11.99 19.70 16.47 17.18 3.19 42.19 12.02 19.74 16.52 12.29 Benchmark Return % 3 70 38.83 7 39 16 08 13 73 Category Average % 55 35 9 12 8 % Rank in Category 1.197 1.172 1.107 1.034 803 # of Funds in Category



3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-0.03	-	-2.84
Beta	1.00	-	1.00
R-Squared	100.00	-	95.99
Standard Deviation	20.85	20.85	21.29
Sharpe Ratio	0.47	0.47	0.33
Tracking Error	0.05	-	4.01
Information Ratio	-0.66	-	-0.83
Up Capture Ratio	99.95	-	95.13
Down Capture Ratio	100.04	_	104.63

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	36.55	36.55	35.39
Price/Book Ratio	12.13	12.14	9.26
Geom Avg Mkt Cap \$B	675.62	675.16	541.50
ROE	44.40	44.40	41.06



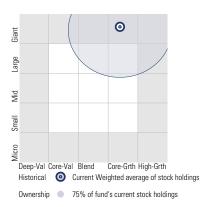
# State St Russell Lg Cap Gr® Indx NL CI C

Morningstar Category Morningstar Category Rus

Morningstar Index Russell 1000 Growth TR USD

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

Morningstar Style Box™



### Style Breakdown

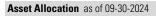
Equity

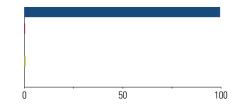
5	51	33	Falge
0	3	6	MIN
0	0	1	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.81
Cash	0.44	1.11
Bonds	0.00	0.00
Non-US Stocks	0.16	4.54
US Stocks	99.40	93.54
Asset Class	Net %	Cat%

yclical asic Materials onsumer Cyclical inancial Services eal Estate ensitive	Fund 21.26 0.64 14.04 6.00 0.58	21.25 0.63 14.03 6.00 0.59	23.66 1.15 13.31 8.36	Fund	▼ Ber	nchmark	[] Ca	tegon	y Ave	rage			
asic Materials onsumer Cyclical inancial Services eal Estate	0.64 14.04 6.00	0.63 14.03 6.00	1.15 13.31 8.36	ĵ	0								
onsumer Cyclical inancial Services eal Estate	14.04 6.00	14.03 6.00	13.31 8.36	1									
inancial Services eal Estate	6.00	6.00	8.36		0								
eal Estate					ni i								
	0.58	n 59			U -								
ensitive		0.00	0.84	Ú									
0.1.01.1.10	67.09	67.12	61.28										
ommunication Services	12.80	12.80	12.34										
nergy	0.39	0.40	0.83	0									
ndustrials	3.48	3.49	6.11										
echnology	50.42	50.43	42.00										
efensive	11.65	11.63	15.05										
onsumer Defensive	3.64	3.63	2.72										
ealthcare	7.78	7.78	11.85										
tilities	0.23	0.22	0.48	i i									
r	dustrials schoology efensive ensumer Defensive ealthcare	bergy         0.39           dustrials         3.48           behology         50.42           efensive         11.65           onsumer Defensive         3.64           palthcare         7.78	bergy         0.39         0.40           dustrials         3.48         3.49           behnology         50.42         50.43           efensive         11.65         11.63           onsumer Defensive         3.64         3.63           palthcare         7.78         7.78	bergy         0.39         0.40         0.83           dustrials         3.48         3.49         6.11           behnology         50.42         50.43         42.00           efensive         11.65         11.63         15.05           ensumer Defensive         3.64         3.63         2.72           earlthcare         7.78         7.78         11.85	dustrials 3.48 3.49 6.11 dustrials 50.42 50.43 42.00 defensive 11.65 11.63 15.05 dustrials 3.64 3.63 2.72 dustrials 11.85 11.85 dustrials 11.8	pergy 0.39 0.40 0.83 dustrials 3.48 3.49 6.11 per per per per per per per per per per	pergy 0.39 0.40 0.83 dustrials 3.48 3.49 6.11 chnology 50.42 50.43 42.00 chnology 11.65 11.63 15.05 chnosumer Defensive 3.64 3.63 2.72 challenge althour 7.78 7.78 11.85 chnology 0.23 0.22 0.48 dustrials 0.23 0.22 0.48	pergy 0.39 0.40 0.83 dustrials 3.48 3.49 6.11 dustrials 50.42 50.43 42.00 defensive 11.65 11.63 15.05 dustrials 15.05 dustrial	Defensive 11.65 11.63 15.05 Defensive 11.85 11.85 Defensive 11.85 11.85 Defensive 11.85 11.85 Defensive 11.85 11.85 Defensive	Defensive 11.65 11.63 15.05 11.85 11	Defensive 11.65 11.63 15.05 Descriptions	Defensive 11.65 11.63 15.05 Defensive 3.64 3.63 2.72 Defensive 7.78 7.78 11.85 Defensive 11.85	Defensive 11.65 11.63 15.05 Descriptions 2.72 De

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	12.18	12.18	21.40	Technology
	11.51	23.69	15.03	Technology
NVIDIA Corp	10.22	33.91	145.27	Technology
⊕ Amazon.com Inc	6.22	40.13	22.63	Consumer Cyclical
⊕ Meta Platforms Inc Class A	4.51	44.64	62.15	Communication Svc
⊕ Alphabet Inc Class A	3.51	48.15	19.01	Communication Svc
⊕ Alphabet Inc Class C	2.96	51.11	18.92	Communication Svc
⊕ Broadcom Inc	2.82	53.93	55.95	Technology
⊕ Tesla Inc	2.62	56.55	5.29	Consumer Cyclical
⊖ Eli Lilly and Co	2.55	59.10	52.65	Healthcare
⊕ Visa Inc Class A	1.56	60.66	6.21	Financial Services
	1.47	62.13	16.24	Financial Services
⊕ Costco Wholesale Corp	1.42	63.55	34.81	Consumer Defensive
The Home Depot Inc	1.15	64.70	18.87	Consumer Cyclical
Netflix Inc	1.09	65.79	45.68	Communication Svc

Total Holdings 396



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

# Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

#### Portfolio Manager(s)

Management Team since 09-2009

#### **Quantitative Screens**

- Performance: The fund has finished in the Small Growth category's top three quartiles in 9 of the 10 years it's been in existence
- Management: The fund's management has been in place for 15.08 years.
- Net Expense: The fund's expense ratio of 0.05 is 95.28% lower than the Small Growth category average.

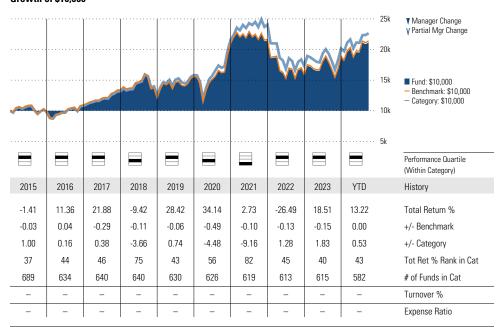
#### **Morningstar Investment Management LLC Analysis**

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

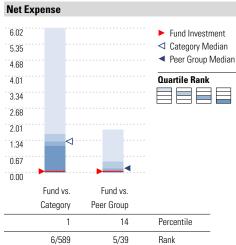
#### **ESG Metrics**

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

#### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.13	_	-0.09
Beta	1.00	_	0.94
R-Squared	100.00	_	94.04
Standard Deviation	23.07	23.09	22.37
Sharpe Ratio	-0.07	-0.07	-0.08
Tracking Error	0.09	_	5.24
Information Ratio	-1.40	_	-0.06
Up Capture Ratio	99.65	_	93.27
Down Capture Ratio	100.07	_	93.90

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



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

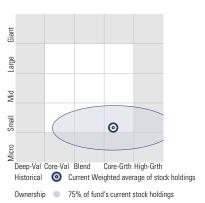
# Morningstar Category Small Growth

### Morningstar Index

Russell 2000 Growth TR USD

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

Morningstar Style Box™



#### Style Breakdown

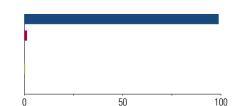
Equity

Lquity			
0	0	0	Large
0	2	3	Mid
12	35	48	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

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

		Fund	Bmark	Cat	Fund	t	▼ Be	nchma	ırk	Cateo	jory Av	/erage			
b	Cyclical	22.39	22.41	25.06											
ů.	Basic Materials	4.20	4.19	3.07											
4	Consumer Cyclical	9.34	9.35	10.77											
ê	Financial Services	7.23	7.23	8.75											
b	Real Estate	1.62	1.64	2.47	<b>[</b>										
M	Sensitive	47.60	47.63	50.15										i [	
	Communication Services	1.79	1.80	1.41		_ :									
•	Energy	3.33	3.35	3.70											
<b>\$</b>	Industrials	20.60	20.63	21.13											
3	Technology	21.88	21.85	23.91							1				
<b>→</b>	Defensive	30.00	29.95	24.80											
=	Consumer Defensive	3.82	3.81	4.25											
ř	Healthcare	25.58	25.54	19.87				:							
?	Utilities	0.60	0.60	0.68	ď										

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vaxcyte Inc Ordinary Shares	1.00	1.00	81.96	Healthcare
FTAI Aviation Ltd	0.99	1.99	188.36	Industrials
Insmed Inc	0.84	2.83	135.56	Healthcare
⇒ Sprouts Farmers Market Inc	0.81	3.64	129.49	Consumer Defensive
Applied Industrial Technologies Inc	0.62	4.27	29.85	Industrials
⇒ Fabrinet	0.62	4.89	24.23	Technology
⊕ Ensign Group Inc	0.58	5.47	28.33	Healthcare
	0.56	6.04	58.43	Industrials
Carpenter Technology Corp	0.56	6.60	126.24	Industrials
⊖ Lantheus Holdings Inc	0.55	7.15	77.02	Healthcare
	0.55	7.70	21.80	Industrials
SPS Commerce Inc	0.53	8.23	0.17	Technology
	0.53	8.76	54.87	Healthcare
⊇ SPX Technologies Inc	0.52	9.28	57.87	Industrials
Abercrombie & Fitch Co Class A	0.51	9.79	58.58	Consumer Cyclical

#### Total Holdings 1053



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

Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD

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

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

Net Expense: The fund's expense ratio of 0.05 is 95.05% lower than the Small Value category average.

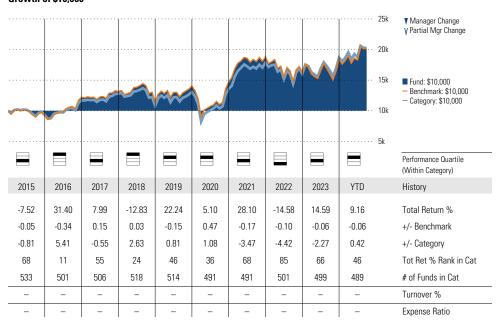
#### **Morningstar Investment Management LLC Analysis**

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

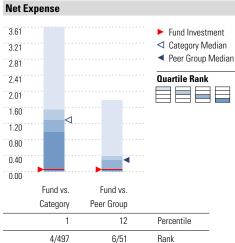
#### **ESG Metrics**

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

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.08	_	1.99
Beta	1.00	_	0.94
R-Squared	100.00	_	96.20
Standard Deviation	22.85	22.84	21.80
Sharpe Ratio	0.10	0.11	0.18
Tracking Error	0.07	_	4.09
Information Ratio	-1.15	_	0.10
Up Capture Ratio	99.96	_	97.23
Down Capture Ratio	100.21	-	91.46

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.89	13.90	14.46
Price/Book Ratio	1.30	1.31	1.66
Geom Avg Mkt Cap \$B	2.14	2.14	4.78
ROE	4.87	4.84	12.10



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

# Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



### Style Breakdown

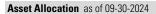
Equity

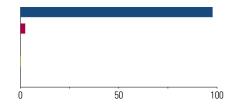
quity			Large
0	0	0	
0	1	1	Mid
56	36	7	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.28
Cash	0.11	1.22
Bonds	0.00	0.17
Non-US Stocks	2.26	4.01
US Stocks	97.63	94.33
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Be	nchma	ark	Cate	gory Av	verage		
ŀ	Cyclical	54.92	54.94	48.90										
A	Basic Materials	5.05	5.05	6.30										
Д	Consumer Cyclical	10.51	10.51	13.73			-							
<b>_</b>	Financial Services	25.38	25.41	22.36										
ŧ	Real Estate	13.98	13.97	6.51										
M	Sensitive	27.50	27.42	38.77										
₫	Communication Services	2.64	2.63	2.21										
ð	Energy	6.84	6.80	7.84										
ф	Industrials	10.50	10.48	17.83										
	Technology	7.52	7.51	10.89					_					
<b>→</b>	Defensive	17.58	17.63	12.34										
-	Consumer Defensive	3.10	3.07	4.04			į							
٠	Healthcare	9.26	9.33	5.82			ď							
•	Utilities	5.22	5.23	2.48										

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
SouthState Corp	0.55	0.55	16.94	Financial Services
	0.55	1.11	19.01	Consumer Cyclical
Lumen Technologies Inc Ordinary Shares	0.54	1.65	287.98	Communication Svc
	0.54	2.19	31.70	Consumer Cyclical
	0.52	2.71	_	Financial Services
	0.50	3.22	23.49	Financial Services
⊕ Terreno Realty Corp	0.48	3.70	8.86	Real Estate
○ Commercial Metals Co	0.48	4.18	10.87	Basic Materials
Essential Properties Realty Trust Inc	0.45	4.63	36.99	Real Estate
○ Old National Bancorp	0.44	5.07	12.97	Financial Services
Cadence Bank	0.44	5.51	10.17	Financial Services
	0.43	5.95	19.47	Real Estate
Cytokinetics Inc	0.41	6.35	-36.76	Healthcare
Radian Group Inc	0.40	6.75	24.08	Financial Services
Glacier Bancorp Inc	0.39	7.14	12.20	Financial Services

Total Holdings 1406



## Vanguard Developed Markets Index Admiral VTMGX

Morningstar Category Foreign Large Blend Morningstar Index MSCI ACWI Ex USA NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

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

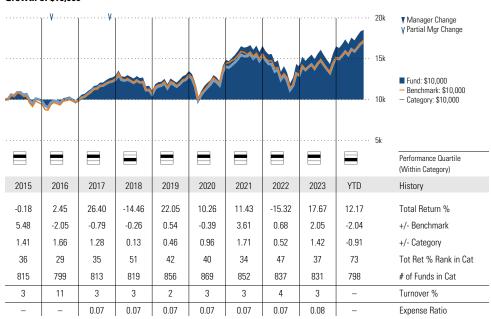
#### **Morningstar Investment Management LLC Analysis**

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

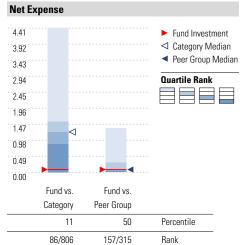
#### **ESG Metrics**

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

#### Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.47	-	-0.05
Beta	1.09	-	1.02
R-Squared	96.32	-	92.90
Standard Deviation	18.07	16.34	17.33
Sharpe Ratio	0.14	0.10	0.10
Tracking Error	3.74	-	4.62
Information Ratio	0.18	-	0.00
Up Capture Ratio	115.38	-	105.97
Down Capture Ratio	114.59	-	107.27

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



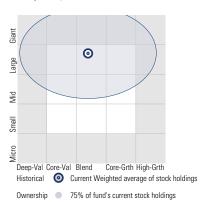
# Vanguard Developed Markets Index Admiral VTMGX

# **Morningstar Category**Foreign Large Blend

#### **Morningstar Index** MSCI ACWI Ex USA NR USD

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

Morningstar Style Box™



### Style Breakdown

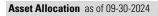
Equity

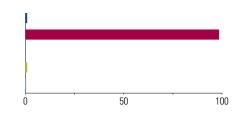
26	28	24	Large
6	7	5	Mid
2	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





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

		Fund	Bmark	Cat	Fund	١ ١	Bench	mark	Cate	gory Ave	erage		
<sub>Մ</sub>	Cyclical	41.58	41.84	38.35									
å.	Basic Materials	7.62	7.13	6.28			ĺ						
A	Consumer Cyclical	10.15	10.56	10.23									
<del>,</del>	Financial Services	20.46	22.19	20.32						'			
<b>fi</b>	Real Estate	3.35	1.96	1.52									
W	Sensitive	37.25	38.31	39.09		,							
	Communication Services	4.22	6.08	5.08									
<b>6</b>	Energy	4.76	5.12	4.58									
Ф	Industrials	17.57	13.70	16.70			- :						
	Technology	10.70	13.41	12.73				0	į				
<b>→</b>	Defensive	21.16	19.84	22.55									
=	Consumer Defensive	7.14	7.14	7.90									
٠	Healthcare	11.04	9.63	12.14			<u> </u>						
•	Utilities	2.98	3.07	2.51									

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



	Fund %	Cat %	
Greater Asia	35.60	34.59	
Japan	21.38	18.85	
Australasia	7.05	4.68	
Asia-4 Tigers	6.99	6.46	
Asia-ex 4 Tigers	0.18	4.60	
Not Classified	0.00	0.00	

Americas	Fund % 10.70	Cat % 8.81	Greater Europe	Fund % 53.69	Cat % 56.59	Market Maturity	Fund %
North America	10.67	7.75	United Kingdom	12.16	13.90	Developed Markets	99.40
Central/Latin	0.03	1.06	W euro-ex UK	40.57	41.71	Emerging Markets	0.60
			Emrgng Europe Africa	0.37 0.59	0.12 0.86	Not Available	0.00

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Novo Nordisk AS Class B	1.52	1.52	_	Healthcare
⊕ ASML Holding NV	1.36	2.87	10.07	Technology
○ Nestle SA	1.07	3.94	-	Consumer Defensive
⊕ SAP SE	1.04	4.98	48.12	Technology
Novartis AG Registered Shares	0.97	5.95	_	Healthcare
AstraZeneca PLC	0.97	6.92	11.52	Healthcare
⊕ Samsung Electronics Co Ltd	0.92	7.84	_	Technology
Roche Holding AG	0.92	8.76	-	Healthcare
⊕ Toyota Motor Corp	0.88	9.64	_	Consumer Cyclical
Shell PLC	0.85	10.49	-2.59	Energy

### Total Holdings 4015

 $\oplus$  Increase  $\ominus$  Decrease  $\ref{eq:property}$  New to Portfolio



# Vanguard Emerging Mkts Stock Idx Adm VEMAX

Morningstar Category
Diversified Emerging Mkts

Morningstar Index MSCI EM NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 16.1 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 87.5% lower than the Diversified Emerging Mkts category average.

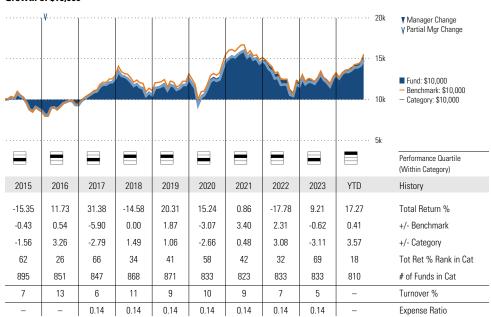
#### **Morningstar Investment Management LLC Analysis**

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

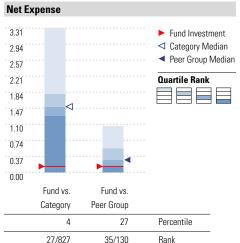
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.13	_	-1.37
Beta	0.91	_	0.94
R-Squared	97.12	_	87.29
Standard Deviation	16.35	17.63	17.82
Sharpe Ratio	-0.06	-0.11	-0.18
Tracking Error	3.16	_	6.24
Information Ratio	0.38	_	-0.24
Up Capture Ratio	95.19	_	92.28
Down Capture Ratio	90.22	-	98.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.15	15.18	14.86
Price/Book Ratio	1.91	1.81	1.95
Geom Avg Mkt Cap \$B	27.88	47.82	57.84
ROE	16.63	16.40	18.79

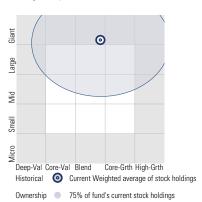


# Vanguard Emerging Mkts Stock Idx Adm VEMAX

# Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

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

Morningstar Style Box™



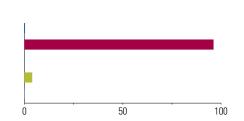
### Style Breakdown

Equity

15	29	34	Laige
6	7	5	MIN
1	2	1	ollidii
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

Total	100 00	100.00
Other	0.02	0.06
Cash	3.78	2.19
Bonds	0.00	-0.02
Non-US Stocks	96.07	95.36
US Stocks	0.13	2.42
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<b>Դ</b>	Cyclical	44.91	44.24	41.55	
â.	Basic Materials	7.51	6.72	5.31	
<b>A</b>	Consumer Cyclical	13.51	13.27	12.98	
ê	Financial Services	21.17	22.69	21.63	
<b>fi</b>	Real Estate	2.72	1.56	1.63	
M	Sensitive	41.58	44.04	46.84	
	Communication Services	8.93	9.97	8.69	
8	Energy	5.17	4.89	4.92	
<b>Ģ</b>	Industrials	8.45	6.95	7.36	
	Technology	19.03	22.23	25.87	
<b>→</b>	Defensive	13.50	11.72	11.62	
=	Consumer Defensive	5.37	5.00	5.82	
٠	Healthcare	4.40	3.82	3.76	
•	Utilities	3.73	2.90	2.04	
					0% 5 10 15 20 25 30 35 40 45

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



	Fund %	Cat %	
Greater Asia	79.55	76.27	Δ
Japan	0.00	0.08	N
Australasia	0.00	0.04	C
Asia-4 Tigers	19.73	30.03	
Asia-ex 4 Tigers	59.82	46.12	
Not Classified	0.00	0.00	

Americas	Fund % 7.54	Cat % 12.96	Greater Europe	Fund % 12.91	Cat % 10.77	Market Maturity	Fund %
North America	0.15	2.04	United Kingdom	0.00	0.54	Developed Markets	23.71
Central/Latin	7.39	10.92	W euro-ex UK	0.68	1.72	Emerging Markets	76.29
			Emrgng Europe	1.60	2.13	Not Available	0.00
			Africa	10.63	6.38		

<b>Top 10 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
□ Taiwan Semiconductor Manufacturing Co Ltd	7.76	7.76	_	Technology
⊕ Tencent Holdings Ltd	3.70	11.46	_	Communication Svc
○ Alibaba Group Holding Ltd Ordinary Shares	2.42	13.88	39.58	Consumer Cyclical
⊕ Mktliq 12/31/2049	2.18	16.06	_	-
Meituan Class B	1.29	17.35	-	Consumer Cyclical
⊕ Reliance Industries Ltd	1.25	18.60	_	Energy
→ HDFC Bank Ltd	1.24	19.84	_	Financial Services
	1.19	21.03	_	-
	1.02	22.06	-7.86	Consumer Cyclical
	0.84	22.90	-	Technology

### Total Holdings 4971



# Vanguard FTSE Social Index Admiral VFTAX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

#### Portfolio Manager(s)

Gerard O'Reilly since 12-2015 Nick Birkett since 02-2023

#### **Quantitative Screens**

Performance: The fund has finished in the Large Blend category's top three quartiles in 4 of the 5 years it's been in existence.

Management: The fund's management has been in place for 8.78 years.

× Style: The fund has landed in its primary style box — Large Blend — 15.15 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.14 is 80.82% lower than the Large Blend category average.

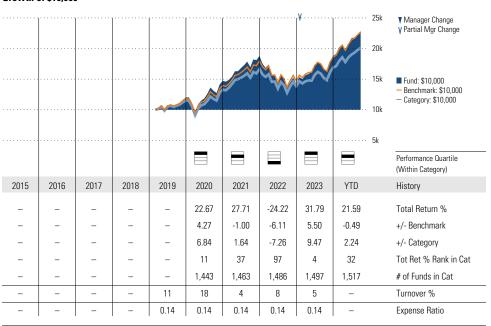
#### **Morningstar Investment Management LLC Analysis**

This fund fails our style consistency screen but because it is an index fund we do not regard the failure as significant.

#### **ESG Metrics**

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

#### Growth of \$10,000





Net Expe	ense	,	
4.87			► Fund Investment
4.33			□ Category Median     □ Category M
3.79			<ul> <li>Peer Group Median</li> </ul>
3.25			Quartile Rank
2.71			
2.16			
1.62			
1.08	4.		
0.54			
0.00			
ļ	Fund vs.	Fund vs.	
C	Category	Peer Group	
	13	55	Percentile
20	05/1559	303/552	Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.85	_	-1.07
Beta	1.05	_	0.94
R-Squared	98.38	-	94.38
Standard Deviation	18.59	17.53	16.95
Sharpe Ratio	0.42	0.52	0.42
Tracking Error	2.54	_	3.71
Information Ratio	-0.59	_	-1.34
Up Capture Ratio	101.62	_	92.03
Down Capture Ratio	108.80	_	96.37

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	29.92	27.50	26.80
Price/Book Ratio	5.55	4.80	5.15
Geom Avg Mkt Cap \$B	361.16	328.12	362.94
ROE	35.40	33.77	33.76

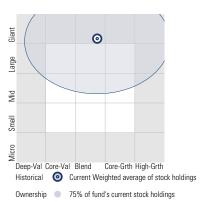


# Vanguard FTSE Social Index Admiral VFTAX

# Morningstar CategoryMorningstar Index■ Large BlendS&P 500 TR USD

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

Morningstar Style Box™



### Style Breakdown

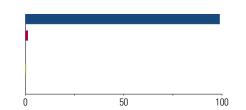
Equity

18	42	22	Large
5	8	5	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

Total	100.00	100.00
Other	0.00	0.96
Cash	0.19	0.37
Bonds	0.00	0.34
Non-US Stocks	1.09	2.42
US Stocks	98.72	95.93
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	<ul> <li>Benchma</li> </ul>	rk [] C	ategory	Averag	Э	
b	Cyclical	28.50	27.13	27.70							
ů.	Basic Materials	1.54	2.00	2.54							
<b>£</b>	Consumer Cyclical	11.75	10.30	9.74							
<u></u>	Financial Services	12.50	12.49	13.42							
<b>fi</b>	Real Estate	2.71	2.34	2.00							
M	Sensitive	53.15	52.68	51.46							
	Communication Services	10.86	8.87	8.40							
	Energy	0.00	3.31	3.56	i						
}	Industrials	4.67	7.59	9.69							
2	Technology	37.62	32.91	29.81					<b>.</b>		
<b>→</b>	Defensive	18.34	20.18	20.82							
Ę	Consumer Defensive	5.16	5.88	5.89							
í	Healthcare	13.01	11.63	12.54							
	Utilities	0.17	2.67	2.39	1 [						

<b>Top 15 Holdings</b> as of 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	8.13	8.13	21.40	Technology
	7.68	15.81	15.03	Technology
NVIDIA Corp	6.82	22.63	145.27	Technology
⊕ Amazon.com Inc	4.15	26.78	22.63	Consumer Cyclical
⊕ Meta Platforms Inc Class A	3.01	29.79	62.15	Communication Svc
⊕ Alphabet Inc Class A	2.34	32.13	19.01	Communication Svc
⊕ Alphabet Inc Class C	1.98	34.11	18.92	Communication Svc
⊕ Broadcom Inc	1.88	35.99	55.95	Technology
⊕ Tesla Inc	1.75	37.74	5.29	Consumer Cyclical
⇒ Eli Lilly and Co	1.70	39.44	52.65	Healthcare
⊕ JPMorgan Chase & Co	1.45	40.89	25.93	Financial Services
⊕ UnitedHealth Group Inc	1.29	42.18	12.21	Healthcare
	1.04	43.22	6.21	Financial Services
Procter & Gamble Co	0.98	44.20	20.21	Consumer Defensive
⊕ Mastercard Inc Class A	0.98	45.18	16.24	Financial Services

Total Holdings 432



### Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

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

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

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

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

#### **ESG Metrics**

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

#### Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-2.48	_	-2.12
Beta	1.03	_	0.97
R-Squared	98.51	_	94.85
Standard Deviation	22.22	21.44	21.37
Sharpe Ratio	0.05	0.16	0.05
Tracking Error	2.78	-	4.07
Information Ratio	-0.91	-	-0.70
Up Capture Ratio	98.87	-	93.85
Down Capture Ratio	106.62	-	100.60

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

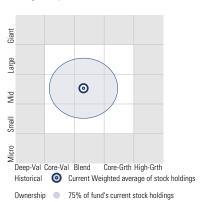


# Vanguard Real Estate Index Admiral VGSLX

# Morningstar Category Morningstar Index Real Estate S&P United States REIT TR USD

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

Morningstar Style Box™



#### Style Breakdown

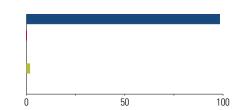
Equity

0	23	5	Large
13	37	4	Mid
4	13	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

Total	100.00	100.00
Other	0.00	7.63
Cash	1.69	1.55
Bonds	0.00	1.02
Non-US Stocks	0.01	1.06
US Stocks	98.30	88.74
Asset Class	Net %	Cat%

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

	Fund	Bmark	Cat	Fund	•	Ве	nchma	ark	[] (	Categ	ory A	Ver	age		
Cyclical	99.13	99.13	99.07												į
Basic Materials	0.00	0.00	0.11												
Consumer Cyclical	0.00	0.13	1.78	i[											
Financial Services	0.00	0.00	0.35												
Real Estate	99.13	99.00	96.83				1 1								
<ul> <li>Sensitive</li> </ul>	0.87	0.87	0.75	0											
Communication Services	0.85	0.00	0.16	Ó											
Energy	0.00	0.00	0.02	Ĺ											
Industrials	0.02	0.87	0.27												
Technology	0.00	0.00	0.30												
→ Defensive	0.00	0.00	0.19												
Consumer Defensive	0.00	0.00	0.00												
Healthcare	0.00	0.00	0.16												
Utilities	0.00	0.00	0.03	ı											

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

**Total Holdings 158** 



## Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category** Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 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 11.61 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 85.19% lower than the Target-Date 2020 category average.

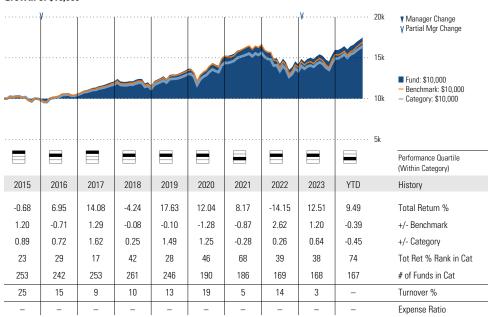
#### **Morningstar Investment Management LLC Analysis**

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

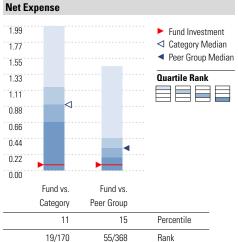
#### **ESG Metrics**

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

# Growth of \$10,000







	19/170	55/368	Rank				
Peer group	o is a subset of t	he category ar	nd includes fun	ds with the			
same management style (active vs. passive) and similar share class							
characteri	etice						

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.22	-	1.08
Beta	0.86	-	0.89
R-Squared	98.95	-	98.59
Standard Deviation	10.20	11.83	10.58
Sharpe Ratio	-0.05	-0.12	-0.05
Tracking Error	1.98	-	1.91
Information Ratio	0.54	-	0.52
Up Capture Ratio	90.26	-	93.13
Down Capture Ratio	82.98	-	86.75

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	21.64	21.65
Price/Book Ratio	2.68	2.85	2.92
Avg Eff Duration	5.55	-	5.15



# Vanguard Target Retirement 2020 Fund VTWNX

**Morningstar Category** Target-Date 2020

**Morningstar Index** Morningstar Lifetime Mod 2020 TR USD

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

Morningstar Style Box™



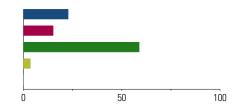
### Style Breakdown

Weight %

Equity				rixeu	income		Qual
21	32	21	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Durati	Mod ion	Ext	_

>50 25-50 10-25 0-10

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



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

Sector Weighting as of 09-	30-2024			
	Fund	Bmark	Cat	Fund • Benchmark [ Category Average
<b>ひ</b> Cyclical	33.57	36.89	34.82	
Basic Materials	4.23	3.90	3.96	
Consumer Cyclical	10.23	10.12	9.96	
Financial Services	16.13	14.68	15.47	
Real Estate	2.98	8.19	5.43	
✓ Sensitive	46.35	44.14	45.83	
Communication Services	7.02	6.49	7.04	
Energy	4.28	3.86	4.26	
Industrials	11.32	10.87	10.57	
Technology	23.73	22.92	23.96	
→ Defensive	20.09	18.97	19.35	
Consumer Defensive	6.06	5.67	5.54	
Healthcare	11.32	10.51	11.27	
Utilities	2.71	2.79	2.54	
				0% 5 10 15 20 25 30 35 40 45

<b>Top 7 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Bond Market II Idx Inv	_	33.62	33.62	_	_
─ Vanguard Total Stock Mkt Idx Instl Pls	_	22.72	56.35	_	-
O Vanguard Total Intl Stock Index Inv	_	15.39	71.74	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	_	14.71	86.45	_	-
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	12.93	99.38	-	-
	-	0.66	100.04	_	_
⊕ Us Dollar	_	0.04	100.08	_	-

#### Total Holdings 7



## **Vanguard Target Retirement 2025 Fund** VTTVX

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

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2025 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 85.71% lower than the Target-Date 2025 category average.

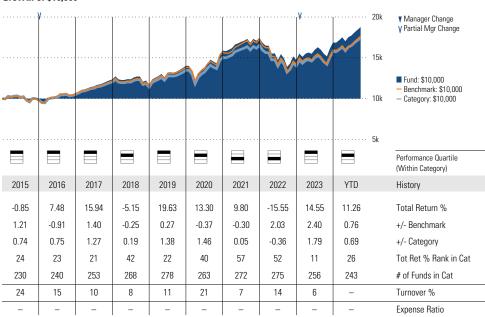
#### **Morningstar Investment Management LLC Analysis**

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

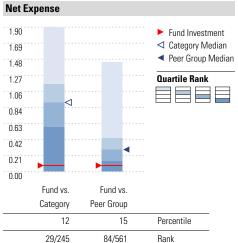
#### **ESG Metrics**

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

#### Growth of \$10,000







Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics

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

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



# Vanguard Target Retirement 2025 Fund VTTVX

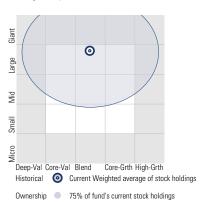
**Morningstar Index** Morningstar Lifetime Mod 2025 TR USD **Morningstar Category** Target-Date 2025

100.00

100.00

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

Morningstar Style Box™



### Style Breakdown

Equity				rixea ir	ıcome		Quali
21	32	21	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod n	Ext	_

Weight %

>50 25-50 10-25 0-10



Total

50

	ctor Weighting as of 09-						n				
		Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	∐ Ca	tegory	Averag	ge ,	
ŀ	Cyclical	33.51	36.90	34.52							
ů.	Basic Materials	4.20	3.98	3.83							
<b>A</b>	Consumer Cyclical	10.23	10.20	9.99							
ê	Financial Services	16.11	14.86	15.16							
ŧ	Real Estate	2.97	7.86	5.54		*					
M	Sensitive	46.38	44.13	46.03							
┫	Communication Services	7.02	6.48	7.08							
ð	Energy	4.28	3.90	4.07							
¢	Industrials	11.32	10.99	10.46							
	Technology	23.76	22.76	24.42			_				
<b>→</b>	Defensive	20.10	18.98	19.46							
=	Consumer Defensive	6.06	5.67	5.59	0	<u>.</u>					
٠	Healthcare	11.32	10.50	11.16	_						
Ţ	Utilities	2.72	2.81	2.71							

<b>Top 7 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Ovanguard Total Stock Mkt Idx Instl Pls	_	30.99	30.99	_	_
→ Vanguard Total Bond Market II Idx Inv	_	28.71	59.70	_	-
Ovanguard Total Intl Stock Index Inv	-	20.82	80.52	_	-
⊕ Vanguard Total Intl Bd II Idx Insl	-	12.35	92.88	_	-
€ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	6.53	99.40	_	-
→ Mktliq 12/31/2049	_	0.62	100.02	_	_
⊕ Us Dollar	_	0.02	100.05	-	-

#### Total Holdings 7



## Vanguard Target Retirement 2030 Fund VTHRX

Morningstar Category Target-Date 2030 Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

Net Expense: The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2030 category average.

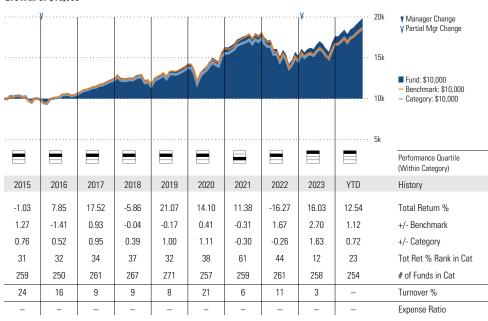
#### **Morningstar Investment Management LLC Analysis**

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

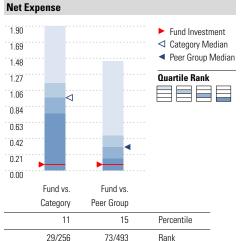
#### **ESG Metrics**

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

#### Growth of \$10,000

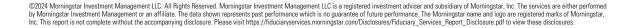






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.84	_	1.32
Beta	0.94	_	0.90
R-Squared	99.02	_	98.45
Standard Deviation	12.83	13.64	12.42
Sharpe Ratio	0.10	-0.02	0.06
Tracking Error	1.54	_	2.05
Information Ratio	1.15	_	0.64
Up Capture Ratio	99.16	_	94.25
Down Capture Ratio	89.89	_	87.55

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.44	21.22	22.01
Price/Book Ratio	2.68	2.77	3.08
Avg Eff Duration	6.37	-	5.81



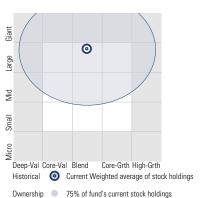


# Vanguard Target Retirement 2030 Fund VTHRX

#### **Morningstar Index** Morningstar Lifetime Mod 2030 TR USD **Morningstar Category** Target-Date 2030

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

Morningstar Style Box™



### Style Breakdown

Equity 32 21 21 5 6 8

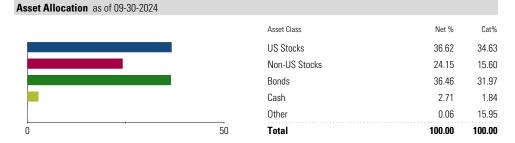
Large Mid2 2 3

Value Blend Growth

Fixed Income Quality High Μid Low Ltd Mod Duration

### Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	,	Bend	hmark	[ ] Ca	ategory	Avera	ge		
وا	Cyclical	33.53	36.82	32.58					-	,				
à.	Basic Materials	4.21	4.07	3.81										
•	Consumer Cyclical	10.22	10.26	10.16										
<u></u>	Financial Services	16.13	15.03	15.18										
à	Real Estate	2.97	7.46	3.43		•								
Ųľ	Sensitive	46.38	44.14	47.10										0
	Communication Services	7.03	6.48	7.24										
	Energy	4.29	3.92	4.11										
ž	Industrials	11.31	11.12	10.78						_				
]	Technology	23.75	22.62	24.97										
+	Defensive	20.10	19.04	20.31										
7	Consumer Defensive	6.05	5.70	5.70			_							
ì	Healthcare	11.33	10.52	11.83										
1	Utilities	2.72	2.82	2.78										

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	36.71	36.71	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	26.63	63.34	_	-
○ Vanguard Total Intl Stock Index Inv	-	24.74	88.08	_	_
⊕ Vanguard Total Intl Bd II ldx Insl	-	11.32	99.40	_	_
	-	0.60	100.00	-	_
<ul><li>─ Us Dollar</li></ul>	_	0.00	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2035 Fund VTTHX

Morningstar Category Target-Date 2035 Morningstar Index Morningstar Lifetime Mod 2035 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

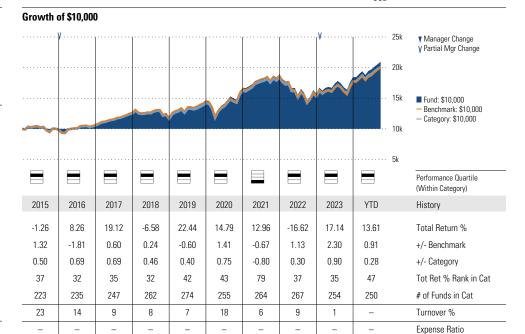
- Performance: The fund has finished in the Target-Date
  2035 category's top three quartiles in 9 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Style: The fund has landed in its primary style box —
   Large Blend 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.21% lower than the Target-Date 2035 category average.

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

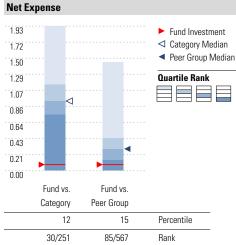
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

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







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.54	_	1.24
Beta	0.93	_	0.94
R-Squared	99.02	_	98.44
Standard Deviation	13.64	14.56	13.75
Sharpe Ratio	0.15	0.06	0.13
Tracking Error	1.67	_	1.96
Information Ratio	0.84	_	0.59
Up Capture Ratio	97.40	_	97.03
Down Capture Ratio	90.17	_	91.26

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



## **Vanguard Target Retirement 2035 Fund** VTTHX

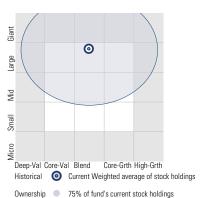
Quality High

Mid

**Morningstar Index** Morningstar Lifetime Mod 2035 TR USD **Morningstar Category** Target-Date 2035

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

Morningstar Style Box™



### Style Breakdown

Fauity

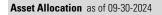
Lquity				TINGU	IIICUIIIC	
21	32	21	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

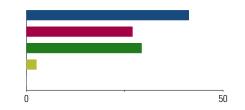
Fixed Income

Duration

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.05	15.37
Cash	2.50	2.21
Bonds	29.25	23.01
Non-US Stocks	26.94	18.56
US Stocks	41.27	40.86
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	: Ca	ategory	Averag	ge			
Դ	Cyclical	33.51	36.71	33.22											
A	Basic Materials	4.20	4.15	3.75		0									
A	Consumer Cyclical	10.23	10.34	10.24											
æ	Financial Services	16.10	15.22	15.16				Ô							
<b>fi</b>	Real Estate	2.98	7.00	4.07		ı []									
W	Sensitive	46.39	44.21	46.65											
	Communication Services	7.02	6.48	7.19											
•	Energy	4.28	3.97	4.07											
Ф	Industrials	11.30	11.26	10.70											
	Technology	23.79	22.50	24.69											
<b>→</b>	Defensive	20.10	19.08	20.13											
Ħ	Consumer Defensive	6.05	5.73	5.71											
+	Healthcare	11.33	10.52	11.64											
•	Utilities	2.72	2.83	2.78											
					0%	5	10	15	20	25	30	35	40	45	50

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	41.37	41.37	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	27.60	68.96	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	21.35	90.32	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	9.09	99.41	_	_
	-	0.59	100.00	-	_
⊕ Us Dollar	_	0.00	100.00	_	_

#### Total Holdings 6

## Vanguard Target Retirement 2040 Fund VFORX

Morningstar Category Target-Date 2040 Morningstar Index Morningstar Lifetime Mod 2040 TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

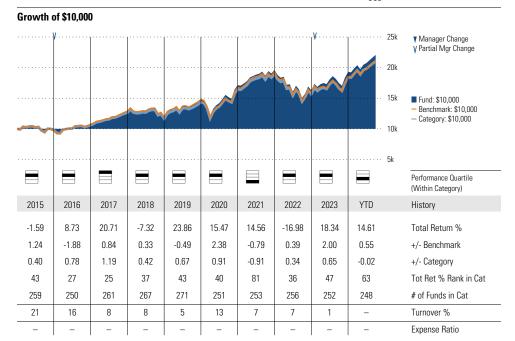
- Performance: The fund has finished in the Target-Date
  2040 category's top three quartiles in 9 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Style: The fund has landed in its primary style box Large Blend — 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2040 category average.

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

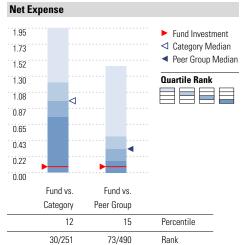
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

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







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

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

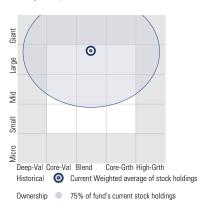


## Vanguard Target Retirement 2040 Fund VFORX

**Morningstar Index** Morningstar Lifetime Mod 2040 TR USD **Morningstar Category** Target-Date 2040

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

Morningstar Style Box™



#### Style Breakdown

Equity

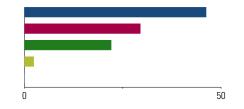
21	32	21	Large	
6	8	5	Mid	
2	3	2	Small	

Value Blend Growth

Fixed Income Quality High Μid Low Mod Ltd Duration

Weight % >50 25-50 10-25 0-10

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



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

Sector Weighting as of 09-	30-2024			
	Fund	Bmark	Cat	Fund Benchmark Category Average
<b>ひ</b> Cyclical	33.41	36.68	33.22	
Basic Materials	4.16	4.25	3.76	
Consumer Cyclical	10.22	10.42	10.28	
Financial Services	16.06	15.39	15.31	
Real Estate	2.97	6.62	3.87	
✓ Sensitive	46.48	44.22	46.67	
Communication Services	7.04	6.47	7.16	
Energy	4.27	4.00	4.15	
Industrials	11.27	11.39	10.85	
Technology	23.90	22.36	24.51	
→ Defensive	20.13	19.12	20.10	
Consumer Defensive	6.06	5.76	5.62	
Healthcare	11.35	10.52	11.78	
Utilities	2.72	2.84	2.70	
				0% 5 10 15 20 25 30 35 40 45

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	46.30	46.30	_	_
	_	30.14	76.44	_	-
① Vanguard Total Bond Market II ldx Inv	_	16.00	92.44	_	-
Vanguard Total Intl Bd II Idx Insl	_	6.92	99.36	_	-
⊕ Mktliq 12/31/2049	-	0.63	99.99	-	-
<ul><li>⊖ Us Dollar</li></ul>	-	0.01	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2045 Fund VTIVX

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

Expense Ratio

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

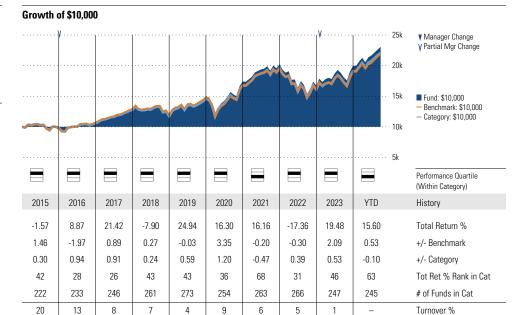
- Performance: The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Style: The fund has landed in its primary style box Large Blend — 96.97 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2045 category average.

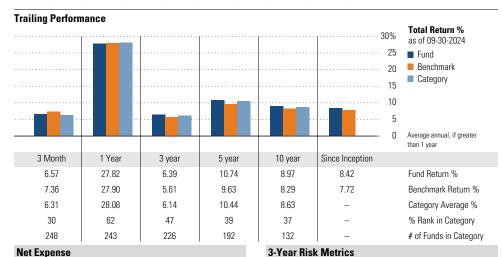
#### **Morningstar Investment Management LLC Analysis**

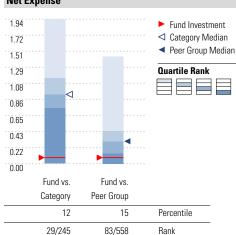
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

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







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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.96	_	0.68
Beta	0.95	_	0.97
R-Squared	98.85	_	98.31
Standard Deviation	15.27	15.95	15.58
Sharpe Ratio	0.23	0.18	0.22
Tracking Error	1.81	-	2.11
Information Ratio	0.43	_	0.26
Up Capture Ratio	97.56	_	98.55
Down Capture Ratio	93.56	_	95.74

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

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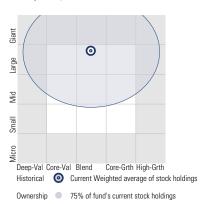


## Vanguard Target Retirement 2045 Fund VTIVX

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

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

Morningstar Style Box™



#### Style Breakdown

Equity 32 21

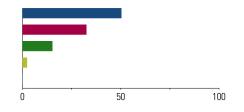


Value Blend Growth



Weight % >50 25-50 10-25 0-10

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



Total	100 00	100 00
Other	0.05	11.44
Cash	2.22	0.78
Bonds	15.09	8.96
Non-US Stocks	32.43	27.17
US Stocks	50.21	51.65
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	٦	▼ Ben	اده مماه	Пс	*****	Avera	~~			
_					Full	u	ben	Cillian	. [] (-)	ategory	Avera	ye Ţ			
Դ	Cyclical	33.45	36.75	33.94								<b>-</b> U :			
A.	Basic Materials	4.18	4.32	3.97											
A	Consumer Cyclical	10.22	10.48	10.30											
<del>,</del>	Financial Services	16.08	15.53	15.56											
<b>fi</b>	Real Estate	2.97	6.42	4.11		ı []									
W	Sensitive	46.43	44.16	46.37											
0	Communication Services	7.03	6.45	7.14		, T	]								
•	Energy	4.27	4.03	4.16											
Ф	Industrials	11.29	11.49	10.94											
	Technology	23.84	22.19	24.13					_						
<b>→</b>	Defensive	20.11	19.11	19.69											
Ħ	Consumer Defensive	6.05	5.77	5.68											
+	Healthcare	11.34	10.50	11.38											
•	Utilities	2.72	2.84	2.63											
					0%	5	10	15	20	25	30	35	40	45	50

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	50.34	50.34	_	_
◆ Vanguard Total Intl Stock Index Inv	-	33.21	83.55	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	10.91	94.46	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	4.80	99.25	_	_
	-	0.76	100.01	-	_
⊕ Us Dollar	_	0.01	100.02	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2050 Fund VFIFX

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

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

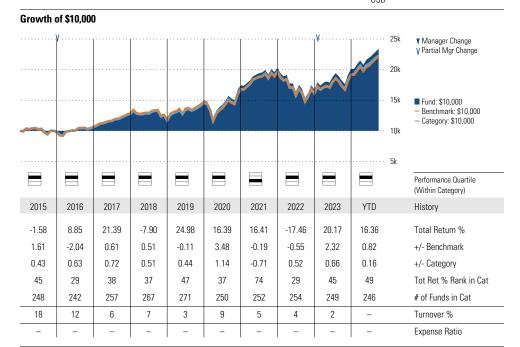
- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2050 category average.

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

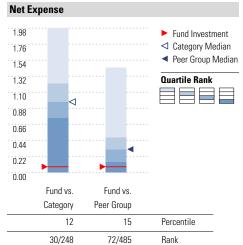
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

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







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.00	_	0.58
Beta	0.96	_	0.98
R-Squared	98.78	_	98.21
Standard Deviation	15.68	16.21	15.99
Sharpe Ratio	0.26	0.20	0.23
Tracking Error	1.84	-	2.18
Information Ratio	0.47	_	0.21
Up Capture Ratio	98.65	_	99.18
Down Capture Ratio	94.57	_	96.89

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



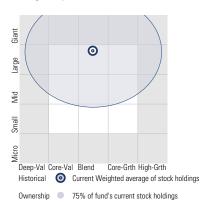
## Vanguard Target Retirement 2050 Fund VFIFX

#### **Morningstar Category** Target-Date 2050

**Morningstar Index** Morningstar Lifetime Mod 2050 TR USD

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

Morningstar Style Box™



# Style Breakdown

Equity 32 21 21

Large Mid5 6 8 2 3 2 Value Blend Growth

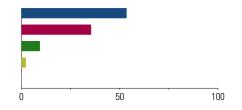


Fixed Income

Weight %

>50 25-50 10-25 0-10

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



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

Sector Weighting as	of 09-30-2024												
	Fund	Bmark	Cat	Fund		▼ Ben	chmark	[ C	ategory	Avera	ge .		
<b>ひ</b> Cyclical	33.55	36.90	33.97										
Basic Materials	4.22	4.38	3.96		ľ								
Consumer Cyclical	10.23	10.51	10.32										
Financial Services	16.13	15.64	15.67										
Real Estate	2.97	6.37	4.02		]								
✓ Sensitive	46.35	44.01	46.38										
Communication Servi	ces 7.02	6.42	7.13										
Energy	4.28	4.04	4.18										
Industrials	11.32	11.57	11.02										
Technology	23.73	21.98	24.05										
→ Defensive	20.10	19.09	19.64										
Consumer Defensive	6.06	5.77	5.64		<b>=</b> []								
Healthcare	11.32	10.47	11.41										
Utilities	2.72	2.85	2.59										
				0%	5	10	15	20	25	30	35	40	45

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.50	53.50	_	_
◆ Vanguard Total Intl Stock Index Inv	-	36.17	89.67	_	-
◆ Vanguard Total Bond Market II Idx Inv	_	6.61	96.28	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.98	99.26	_	_
	-	0.74	100.00	-	-
⊕ Us Dollar	-	0.00	100.00	_	_

#### Total Holdings 6

## Vanguard Target Retirement 2055 Fund VFFVX

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

Turnover %
Expense Ratio

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date
   2055 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2055 category average.

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

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

#### **ESG Metrics**

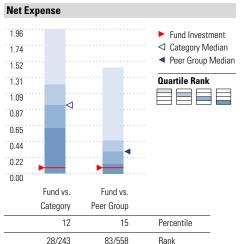
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





5

4



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

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

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



18

8

5

5

3

8



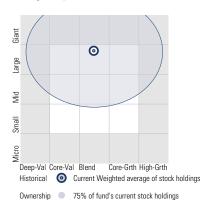
## Vanguard Target Retirement 2055 Fund VFFVX

#### **Morningstar Category** Target-Date 2055

**Morningstar Index** Morningstar Lifetime Mod 2055 TR USD

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

Morningstar Style Box™



#### Style Breakdown

Equity

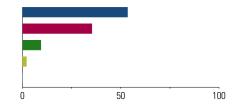
21	32	21	Large
6	8	5	Mid
2	3	2	Small

Value Blend Growth

Fixed Income Quality High MidLow Ltd Mod Duration

Weight % >50 25-50 10-25 0-10

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



Asset Class Net % Cat% US Stocks 53.41 54.28 Non-US Stocks 35.26 27.77 Bonds 9.30 5.49 Cash 1.97 0.68 Other 0.06 11.80 Total 100.00 100.00

Sec	ctor Weighting as of 09-3	30-2024											
		Fund	Bmark	Cat	Fund		▼ Ben	chmark	[] C	ategory	Avera	ge	
<sub>Մ</sub>	Cyclical	33.53	37.14	34.12									
A.	Basic Materials	4.21	4.44	4.02		0							
A	Consumer Cyclical	10.23	10.53	10.36									
æ	Financial Services	16.12	15.74	15.55									
<b>fi</b>	Real Estate	2.97	6.43	4.19									
W	Sensitive	46.36	43.84	46.34									
	Communication Services	7.02	6.39	7.12									
ð	Energy	4.28	4.06	4.11		ĺ							
¢	Industrials	11.32	11.64	11.05									
	Technology	23.74	21.75	24.06									
<b>→</b>	Defensive	20.10	19.02	19.54									
=	Consumer Defensive	6.06	5.76	5.67									
٠	Healthcare	11.32	10.41	11.27									
•	Utilities	2.72	2.85	2.60									

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	53.53	53.53	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	36.12	89.66	_	-
① Vanguard Total Bond Market II Idx Inv	_	6.68	96.34	_	_
① Vanguard Total Intl Bd II Idx Insl	_	3.00	99.34	_	_
① Mktliq 12/31/2049	-	0.67	100.00	-	-
① Us Dollar	-	0.00	100.00	_	_

#### Total Holdings 6



## Vanguard Target Retirement 2060 Fund VTTSX

Morningstar Category Target-Date 2060 Morningstar Index

Morningstar Mod Tgt Risk TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

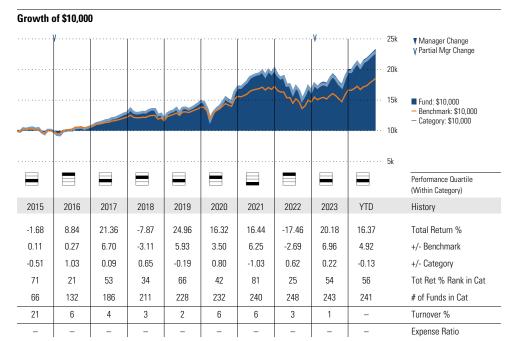
- Performance: The fund has finished in the Target-Date
   2060 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2060 category average.

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

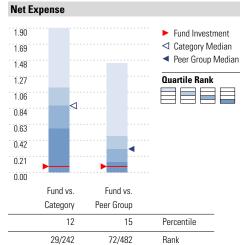
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

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







3-Year KISK Welfics			
	Fund	Bmark	Cat
Alpha	2.51	_	2.25
Beta	1.23	_	1.27
R-Squared	97.46	-	96.22
Standard Deviation	15.67	12.57	16.23
Sharpe Ratio	0.26	0.04	0.24
Tracking Error	3.83	-	4.60
Information Ratio	0.84	-	0.65
Up Capture Ratio	133.43	-	136.46
Down Capture Ratio	120.80	-	125.44

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



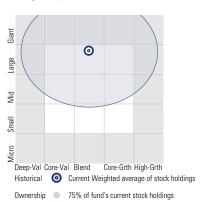
## Vanguard Target Retirement 2060 Fund VTTSX

Asset Allocation as of 09-30-2024

## Morningstar Category Morningstar Index Target-Date 2060 Morningstar Mod Tgt Risk TR USD

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

Morningstar Style Box™



#### Style Breakdown

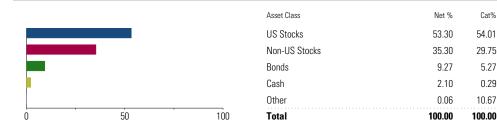
Equity

21	32	21	Large
6	8	5	Mid
2	3	2	Small

Value Blend Growth



Weight % >50 25-50 10-25 0-10



	ctor Weighting as of 09-3		Б	0 :	-		_		По						
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	(    Ca	ategory	Avera	ge	,		
<sub>Մ</sub>	Cyclical	33.54	38.88	34.14											
æ.	Basic Materials	4.22	4.68	4.40											
A	Consumer Cyclical	10.22	10.74	10.10											
<del>,</del>	Financial Services	16.13	16.71	15.69											
ŵ	Real Estate	2.97	6.75	3.95		1[]									
W	Sensitive	46.35	41.54	46.41											
	Communication Services	7.01	5.28	6.93											
ð	Energy	4.29	4.30	4.61				_							
Ф	Industrials	11.32	12.75	11.07				*							
	Technology	23.73	19.21	23.80											
<b>—</b>	Defensive	20.11	19.59	19.46											
=	Consumer Defensive	6.06	6.26	5.58			į								
+	Healthcare	11.32	9.96	11.51											
•	Utilities	2.73	3.37	2.37		'									
					0%	5	10	15	20	25	30	35	40	45	5

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	53.42	53.42	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	36.16	89.58	_	-
⊕ Vanguard Total Bond Market II Idx Inv	_	6.64	96.22	_	-
	_	2.99	99.22	_	-
	-	0.77	99.98	-	-
<ul><li>⊖ Us Dollar</li></ul>	_	0.02	100.00	-	-

#### Total Holdings 6



## Vanguard Target Retirement 2065 Fund VLXVX

#### Morningstar Category Target-Date 2065+

#### Morningstar Index

Morningstar Mod Tgt Risk TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Target-Date
   2065+ category's top three quartiles in 5 of the 7 years it's
   been in existence.
- Management: The fund's management has been in place for 7.22 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2065+ category average.

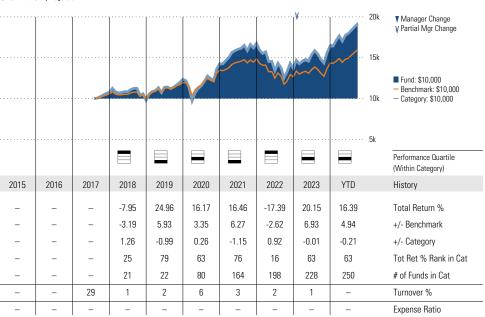
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

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

#### Growth of \$10,000





Net Expe	nse		
1.92			Fund Investment
1.71			□ Category Median     □ Category M
1.49			<ul> <li>Peer Group Median</li> </ul>
1.28			Quartile Rank
1.07			
0.85			
0.64			
0.43			
0.21			
0.00			
F	und vs.	Fund vs.	
Ca	ategory	Peer Group	
	13	16	Percentile
	42/321	92/576	Rank

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

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



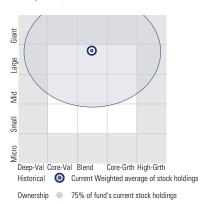
## Vanguard Target Retirement 2065 Fund VLXVX

#### **Morningstar Category** Morningstar Index Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



## Style Breakdown

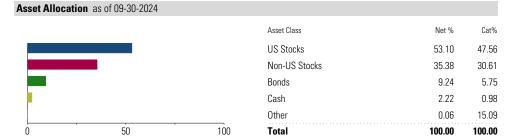
Equity

21	32	21	Large
6	8	5	Mid
2	3	2	Small
Value	Dland	Croudh	

Value Blend Growth

Fixed Income Quality High Μid Low Ltd Mod Duration

Weight % >50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	1	▼ Ben	chmark	l C:	ategory	Avera	ae		
b	Cyclical	33.57	38.88	34.36								<b>1</b>	7	
à.	Basic Materials	4.22	4.68	4.44		<b>1</b>								
4	Consumer Cyclical	10.23	10.74	10.16										
₽	Financial Services	16.14	16.71	15.60										
b	Real Estate	2.98	6.75	4.16		[]								
M	Sensitive	46.34	41.54	46.06										
	Communication Services	7.01	5.28	6.97										
•	Energy	4.28	4.30	4.36		ď								
\$	Industrials	11.34	12.75	11.50				*						
	Technology	23.71	19.21	23.23		-				0				
<b>→</b>	Defensive	20.09	19.59	19.57										
=	Consumer Defensive	6.06	6.26	5.73			į							
ř	Healthcare	11.31	9.96	11.41										
?	Utilities	2.72	3.37	2.43		1								

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
① Vanguard Total Stock Mkt ldx Instl Pls	_	53.23	53.23	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	36.25	89.47	_	-
◆ Vanguard Total Bond Market II ldx Inv	_	6.63	96.10	_	-
Vanguard Total Intl Bd II Idx Insl	_	2.99	99.09	_	-
① Mktliq 12/31/2049	-	0.86	99.95	-	-
⊕ Us Dollar	_	0.05	100.00	-	_

#### Total Holdings 6



## Vanguard Target Retirement 2070 Fund VSVNX

#### Morningstar Category Target-Date 2065+

#### Morningstar Index

Morningstar Mod Tgt Risk TR USD

#### Portfolio Manager(s)

Walter Nejman since 06-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### **Quantitative Screens**

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

- × Management: The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.08 is 86.44% lower than the Target-Date 2065+ category average.

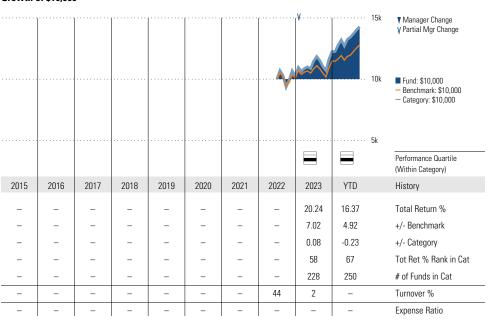
#### **Morningstar Investment Management LLC Analysis**

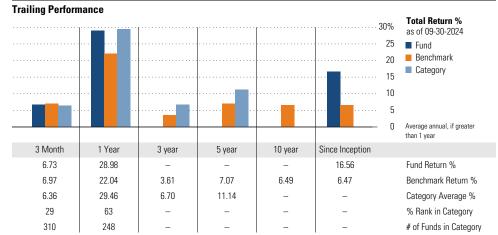
This fund fails the manager tenure screen due to a limited history for this target-date vintage.

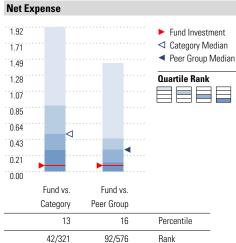
#### **ESG Metrics**

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

#### Growth of \$10,000







3-Year KISK IVIETRICS			
	Fund	Bmark	Cat
Alpha	-	-	2.62
Beta	-	-	1.27
R-Squared	-	-	95.61
Standard Deviation	-	12.57	16.71
Sharpe Ratio	-	0.04	0.25
Tracking Error	-	-	5.15
nformation Ratio	-	-	0.65
Jp Capture Ratio	-	-	137.26
Down Capture Ratio	-	-	124.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.48	19.85	20.90
Price/Book Ratio	2.69	2.47	2.76
Avg Eff Duration	6.39	_	8.96



## Vanguard Target Retirement 2070 Fund VSVNX

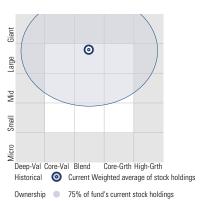
Quality High MidLow

#### **Morningstar Category Morningstar Index** Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 09-30-2024

Morningstar Style Box™



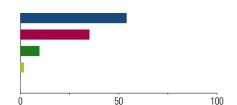
#### Style Breakdown

Equity				Fixed	Income
21	32	21	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod

Duration

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2024

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

		Fund	Bmark	Cat	Fund	۱ ۰	Bend	chmark	[] C	ategory	Avera	ge	_	
Ն	Cyclical	33.48	38.88	34.36		÷							1	
A.	Basic Materials	4.19	4.68	4.44										
<b>A</b>	Consumer Cyclical	10.22	10.74	10.16										
<del>,</del>	Financial Services	16.09	16.71	15.60				0						
rit (	Real Estate	2.98	6.75	4.16										
Na.	Sensitive	46.42	41.54	46.06										
	Communication Services	7.03	5.28	6.97										
ð	Energy	4.28	4.30	4.36		i		_						
Ċ.	Industrials	11.29	12.75	11.50				1						
	Technology	23.82	19.21	23.23										
<b>→</b>	Defensive	20.11	19.59	19.57										
	Consumer Defensive	6.06	6.26	5.73			į							
٠	Healthcare	11.33	9.96	11.41										
•	Utilities	2.72	3.37	2.43		•								

<b>Top 6 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx InstI Pls	_	54.02	54.02	_	_
Vanguard Total Intl Stock Index Inv	_	35.79	89.81	_	-
Vanguard Total Bond Market II ldx Inv	_	6.96	96.77	_	-
Vanguard Total Intl Bd II Idx Insl	_	2.98	99.75	_	-
⊕ Mktliq 12/31/2049	-	0.16	99.91	-	_
⊕ Us Dollar	_	0.09	100.00	-	-

#### Total Holdings 6



## **Vanguard Target Retirement Income Fund** VTINX

Morningstar Category
Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

Expense Ratio

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

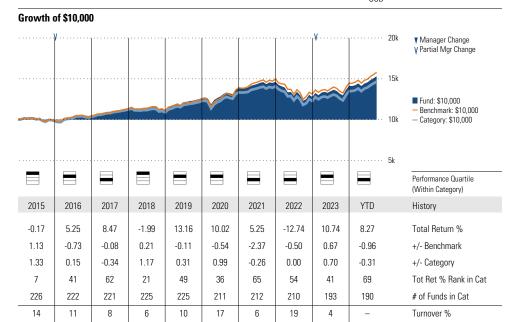
- Performance: The fund has finished in the Target-Date
   Retirement category's top three quartiles in 10 of the 10
   years it's been in existence.
- Management: The fund's management has been in place for 11.61 years.
- Net Expense: The fund's expense ratio of 0.08 is 85.45% lower than the Target-Date Retirement category average.

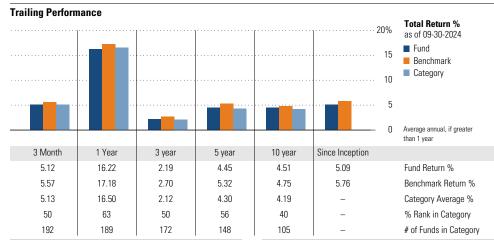
#### **Morningstar Investment Management LLC Analysis**

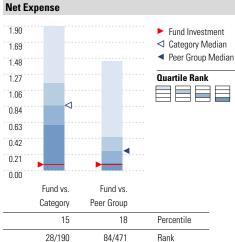
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
ESG Commitment	1-Low	02-15-2022







Fund	Bmark	Cat
-0.34	_	-0.49
0.94	_	0.98
97.99	_	97.01
8.72	9.22	9.18
-0.15	-0.08	-0.15
1.37	_	1.77
-0.37	_	-0.36
93.37	_	97.18
96.13	_	101.07
	-0.34 0.94 97.99 8.72 -0.15 1.37 -0.37 93.37	-0.34 - 0.94 - 97.99 - 8.72 9.22 -0.15 -0.08 1.370.37 - 93.37 -

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.37	22.08	21.46
Price/Book Ratio	2.67	2.94	2.78
Avg Eff Duration	5.42	-	6.11

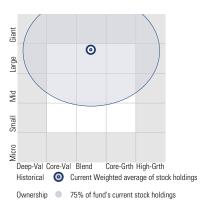


## **Vanguard Target Retirement Income Fund** VTINX

**Morningstar Category** Target-Date Retirement **Morningstar Index** Morningstar Lifetime Mod Incm TR USD

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

Morningstar Style Box™



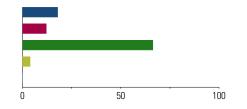
#### Style Breakdown

Equity				Fixed Ir	ncome		Quality
21	32	21	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	

Weight %

>50 25-50 10-25 0-10

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



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

		Fund	Bmark	Cat	Fun	t	▼ Ben	chmark	[] Ca	ategory	Averag	ge			
Ն	Cyclical	33.59	36.71	36.64											
ā.	Basic Materials	4.23	3.75	3.73		Ó	1								
<b>A</b>	Consumer Cyclical	10.23	10.01	9.75											
4	Financial Services	16.14	14.39	14.80											
th.	Real Estate	2.99	8.56	8.36											
M	Sensitive	46.31	44.33	44.13											
	Communication Services	7.01	6.56	6.81											
ð	Energy	4.30	3.80	3.96		0									
¢	Industrials	11.34	10.61	10.13											
	Technology	23.66	23.36	23.23						0					
<b>→</b>	Defensive	20.10	18.95	19.23											
=	Consumer Defensive	6.07	5.63	5.59											
٠	Healthcare	11.31	10.53	10.63											
•	Utilities	2.72	2.79	3.01											
					0%	5	10	15	20	25	30	35	40	45	

<b>Top 7 Holdings</b> as of 09-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	36.46	36.46	_	_
→ Vanguard Total Stock Mkt Idx Instl Pls	_	17.87	54.33	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	16.75	71.08	_	_
→ Vanguard Total Intl Bd II Idx Insl	_	15.86	86.94	_	_
O Vanguard Total Intl Stock Index Inv	_	12.32	99.26	-	-
	_	0.72	99.98	_	_
⊕ Us Dollar	_	0.02	100.00	_	_

#### Total Holdings 7