### American Funds New World R6 RNWGX

### Morningstar Category Diversified Emerging Mkts MSCI EM NR USD

### Portfolio Manager(s)

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

Piyada Phanaphat since 01-2020

Matt Hochstetler since 01-2024

#### **Quantitative Screens**

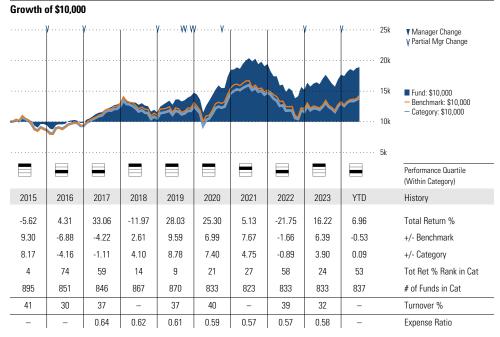
- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 25.05 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.57 is 49.11% lower than the Diversified Emerging Mkts category average.

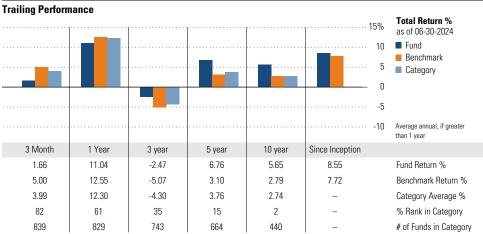
### **Morningstar Investment Management LLC Analysis**

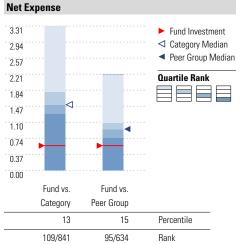
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.67	_	-0.48
Beta	0.80	_	0.94
R-Squared	77.72	-	87.49
Standard Deviation	16.06	17.80	17.99
Sharpe Ratio	-0.29	-0.40	-0.40
Tracking Error	8.41	_	6.25
Information Ratio	0.31	_	-0.06
Up Capture Ratio	83.62	_	94.57
Down Capture Ratio	77.23	-	96.94

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.93	14.98	14.90
Price/Book Ratio	3.22	1.74	1.90
Geom Avg Mkt Cap \$B	80.78	45.58	50.03
ROE	23.38	16.00	17.80





### American Funds New World R6 RNWGX

#### Morningstar Index **Morningstar Category** Diversified Emerging Mkts MSCI EM NR USD

### Style Analysis as of 06-30-2024

Morningstar Style Box™



### Style Breakdown

Equity

11	22	57	raige
3	5	1	IVIIO
1	0	0	JIIdii

Weight %

>50 25-50 10-25 0-10

Value Blend Growth

Asset Allocation as of 06-30-2024



		Fund	Bmark	Cat	Fund	ŀ	▼ Ben	chmark	( [] Ca	ategory	Avera	ge			
<u></u>	Cyclical	38.26	42.04	41.70											
A	Basic Materials	6.85	7.07	5.84			'								
A	Consumer Cyclical	12.12	11.71	12.84			. 1								
<b>P</b>	Financial Services	17.41	21.83	21.39											
命	Real Estate	1.88	1.43	1.63											
W	Sensitive	42.08	46.70	46.30										[	'
	Communication Services	9.71	9.35	8.38											
•	Energy	2.45	5.35	5.12											
Ф	Industrials	11.44	6.76	7.13											
	Technology	18.48	25.24	25.67											
<b>→</b>	Defensive	19.66	11.25	11.99											
Ħ	Consumer Defensive	7.24	4.99	6.38											
+	Healthcare	11.18	3.38	3.67											
•	Utilities	1.24	2.88	1.94											
					0%	5	10	15	20	25	30	35	40	45	5

### World Regions % Equity 06-30-2024



Greater Asia	Fund % 43.48	Cat % 75.02	
Japan	2.93	0.08	
Australasia	0.00	0.02	
Asia-4 Tigers	9.65	29.91	
Asia-ex 4 Tigers	30.90	45.01	
Not Classified	0.00	0.00	

Americas	Fund % 33.50	Cat % 14.06	Greater Europe	Fund % 23.02	Cat % 10.90	Market Maturity	Fund %
North America	24.86	2.20	United Kingdom	2.76	0.57	Developed Markets	57.92
Central/Latin	8.64	11.86	W euro-ex UK	17.57	1.89	Emerging Markets	42.08
			Emrgng Europe	0.44	2.16	Not Available	0.00
			Africa	2.25	6.28		

<b>Top 10 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.97	4.97	_	_
Taiwan Semiconductor Manufacturing Co Ltd	3.80	8.76	_	Technology
Microsoft Corp	2.86	11.62	19.26	Technology
⊕ Novo Nordisk A/S Class B	2.32	13.95	44.77	Healthcare
① Tencent Holdings Ltd	2.16	16.10	27.21	Communication Svc
⊕ NVIDIA Corp	1.61	17.71	149.49	Technology
⊕ MercadoLibre Inc	1.55	19.26	4.57	Consumer Cyclical
⊕ Meta Platforms Inc Class A	1.53	20.79	42.73	Communication Svc
⊖ Eli Lilly and Co	1.38	22.17	55.76	Healthcare
⊕ Broadcom Inc	1.36	23.53	44.77	Technology

### Total Holdings 575



### **American Funds Washington Mutual R6** RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

Alan Berro since 07-1997
Alan Wilson since 07-2013
Diana Wagner since 06-2014
Jin Lee since 07-2014
Eric Stern since 11-2014
Irfan Furniturewala since 06-2015
Emme Kozloff since 07-2016
Mark Casey since 07-2016
Aline Avzaradel since 07-2021

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 27.02 years.

✓ Net Expense: The fund's expense ratio of 0.26 is 65.33% lower than the Large Blend category average.

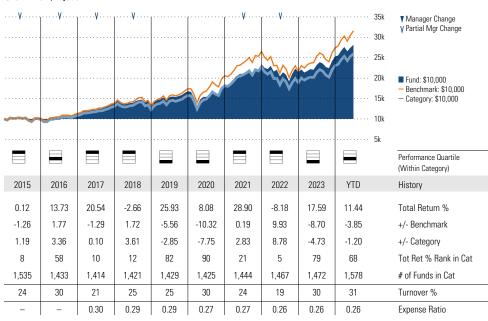
### **Morningstar Investment Management LLC Analysis**

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

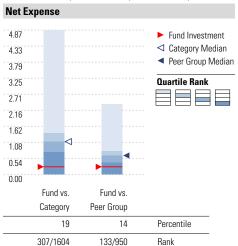
### **ESG Metrics**

Rating	Updated
2	05-31-2024
Low Risk	12-31-2022
1-Low	02-15-2022
	2 Low Risk

### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.85	_	-1.34
Beta	0.82	_	0.94
R-Squared	92.48	_	94.58
Standard Deviation	15.20	17.86	17.23
Sharpe Ratio	0.50	0.44	0.33
Tracking Error	5.28	_	3.71
Information Ratio	0.06	_	-1.35
Up Capture Ratio	86.78	_	91.28
Down Capture Ratio	80.62	-	96.41

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.85	26.54	24.04
Price/Book Ratio	4.02	4.62	4.83
Geom Avg Mkt Cap \$B	200.54	322.33	370.57
ROE	28.57	33.73	34.43



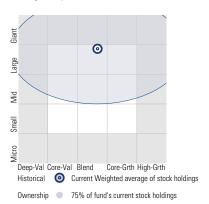
# American Funds Washington Mutual R6 RWMGX

# Morningstar Category ☐ Large Blend S&P

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

### Style Analysis as of 06-30-2024

Morningstar Style Box™



### Style Breakdown

Equity

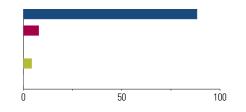
21	26	35	Large
5	11	2	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.03	1.13
Cash	4.08	1.51
Bonds	0.00	-0.44
Non-US Stocks	7.65	2.49
US Stocks	88.23	95.30
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Catego	ry Avera	ge	
⊌ Cyclical	27.64	26.22	27.77						
Basic Materials	2.73	1.95	2.65						
Consumer Cyclical	6.60	10.11	9.88		ď				
Financial Services	16.12	12.01	13.37		: <b>v</b> :				
Real Estate	2.19	2.15	1.87						
✓ Sensitive	44.52	53.92	51.57		_				
Communication Services	5.50	9.34	8.51						
Energy	5.08	3.65	3.82						
Industrials	11.08	7.56	10.04						
Technology	22.86	33.37	29.20						
→ Defensive	27.85	19.85	20.66						
Consumer Defensive	8.20	5.75	5.93	j	• <u> </u>				
Healthcare	16.23	11.74	12.54						
Utilities	3.42	2.36	2.19						

<b>Top 15 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	6.43	6.43	44.77	Technology
	6.33	12.76	19.26	Technology
⊕ Capital Group Central Cash Fund	3.94	16.70	_	-
⊖ Eli Lilly and Co	3.06	19.76	55.76	Healthcare
⊕ UnitedHealth Group Inc	2.97	22.73	-2.51	Healthcare
	2.27	25.01	11.96	Financial Services
⊕ Apple Inc	2.18	27.18	9.65	Technology
◆ Philip Morris International Inc	1.85	29.03	10.47	Consumer Defensive
○ Comcast Corp Class A	1.76	30.79	-9.33	Communication Svc
⊕ Alphabet Inc Class C	1.64	32.44	30.29	Communication Svc
— JPMorgan Chase & Co	1.62	34.05	20.20	Financial Services
⊕ ASML Holding NV ADR	1.54	35.60	35.58	Technology
AbbVie Inc     AbbVie Inc	1.48	37.08	12.68	Healthcare
Exxon Mobil Corp	1.24	38.32	17.04	Energy
The Home Depot Inc     The Home Depot Inc	1.21	39.52	0.63	Consumer Cyclical

**Total Holdings** 182



### **BlackRock Inflation Protected Bond Instl** BPRIX

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

### Portfolio Manager(s)

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

### **Quantitative Screens**

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

Management: The fund's management has been in place for 6.3 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.84 is
 21.74% higher than the Inflation-Protected Bond category average.

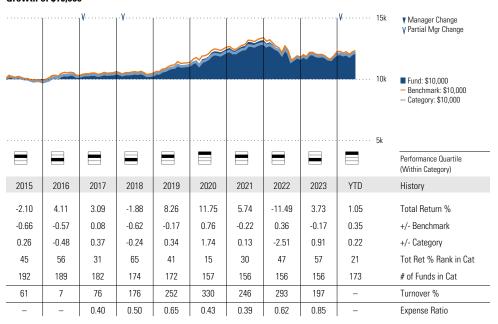
### **Morningstar Investment Management LLC Analysis**

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**

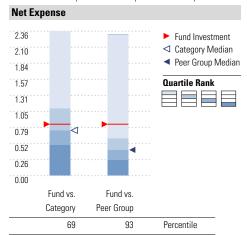
Metric	Rating	Updated
Sustainability Rating	3	05-31-2024

### Growth of \$10,000



### **Trailing Performance**





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

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Rank

3- Fedi hisk Wietlics			
	Fund	Bmark	Cat
Alpha	0.06	-	-0.35
Beta	1.01	-	0.99
R-Squared	99.22	-	95.77
Standard Deviation	7.34	7.21	7.77
Sharpe Ratio	-0.60	-0.62	-0.65
Tracking Error	0.66	-	1.76
Information Ratio	0.05	-	-0.55
Up Capture Ratio	100.47	-	96.99
Down Capture Ratio	100.08	-	101.24

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.49	4.52	6.02
Avg Eff Maturity	_	_	7.05

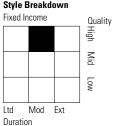


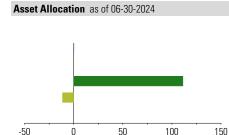
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# **BlackRock Inflation Protected Bond Instl** BPRIX

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

**Style Analysis** as of 06-30-2024 **Style Breakdown** 





Asset Class	Net %	Cat%
US Stocks	0.17	0.14
Non-US Stocks	0.00	0.00
Bonds	111.14	90.94
Cash	-11.33	7.86
Other	0.00	1.06
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	1.92	0.00	25.98
AA	93.09	99.60	70.29
A	0.47	0.00	0.61
BBB	0.61	0.00	0.79
BB	0.91	0.00	0.09
В	0.07	0.00	0.01
Below B	0.00	0.00	0.09
Not Rated	2.93	0.40	2.14

Sector Weighting as of 06-				0	
	Fund	Bmark	Cat	Fund Benchmark Category A	verage
Government	84.78	-	85.55		
Treasury	2.61	_	0.38		
Inflation – Protected	80.65	_	78.67		
Agency/Quasi Agency	0.00	_	0.10		
Other Government Related	1.52	_	6.40		
Corporate	0.09	_	1.07		
Corporate Bond	0.09	_	1.06		
Bank Loan	0.00	_	0.00		
Convertible	0.00	_	0.00		
Preferred	0.00	_	0.01		
Securitized	7.78	-	4.96		
Agency MBS Pass-Through	2.56	_	2.59		
Agency MBS ARM	0.00	_	0.00		
Agency MBS CMO	0.67	_	0.27		
Non-Agency Residential MBS	0.34	_	0.16		
Commercial MBS	0.97	_	0.12		
Asset-Backed	3.24	_	1.78		
Covered Bond	0.00	_	0.04		
Municipal	0.00	_	0.00		
Cash & Equivalents	2.82	-	8.27		
Other	4.53	-	0.15		

<b>Top 10 Holdings</b> as of 06-30-2024				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	07-2033	3.78	3.78	_
□ United States Treasury Notes	07-2032	3.63	7.41	-
□ United States Treasury Notes	01-2034	3.53	10.94	-
□ United States Treasury Notes	01-2033	3.51	14.44	-
─ United States Treasury Notes	10-2028	3.46	17.90	_
⊕ United States Treasury Notes	10-2027	3.39	21.29	_
─ United States Treasury Notes	07-2025	3.35	24.64	_
⊕ United States Treasury Notes	01-2032	3.33	27.97	_
□ RRP TREASURY (CPI) NOTE 2.375 15-0 HSSUS	07-2024	3.22	31.19	_
□ United States Treasury Notes	04-2028	3.20	34.39	_

Total Holdings 302



### Fidelity Contrafund FCNTX

### Portfolio Manager(s)

William Danoff since 09-1990

#### **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 33.81 years.

Net Expense: The fund's expense ratio of 0.39 is 57.61% lower than the Large Growth category average.

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

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

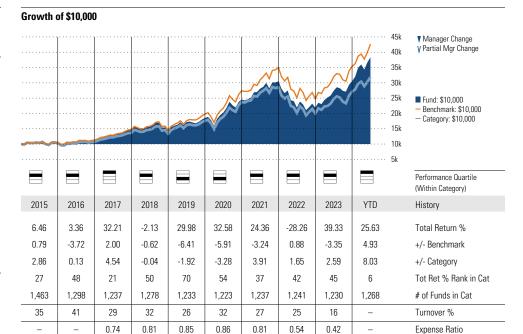
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	1	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

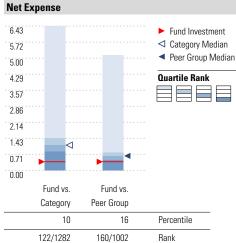
### Morningstar Category Large Growth

### Morningstar Index

Russell 1000 Growth TR USD







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.71	_	-4.76
Beta	0.89	_	0.98
R-Squared	94.91	_	92.82
Standard Deviation	19.43	21.21	21.75
Sharpe Ratio	0.46	0.45	0.23
Tracking Error	4.94	_	5.81
Information Ratio	-0.07	_	-0.90
Up Capture Ratio	93.37	_	89.98
Down Capture Ratio	92.34	_	105.36

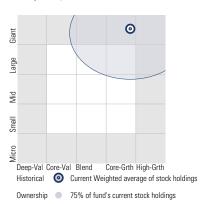
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.06	35.19	34.99
Price/Book Ratio	4.97	11.62	8.63
Geom Avg Mkt Cap \$B	504.17	608.44	540.94
ROE	32.19	43.78	39.15



# **Fidelity Contrafund** FCNTX

### Style Analysis as of 06-30-2024

Morningstar Style Box™



### Style Breakdown

Equity

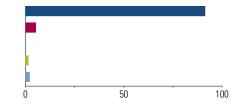
5	25	62	Large
2	2	4	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100 00	100 00
Other	2.04	1.09
Cash	1.41	1.02
Bonds	0.00	0.01
Non-US Stocks	5.22	4.14
US Stocks	91.32	93.74
Asset Class	Net %	Cat%

**Morningstar Index** 

Russell 1000 Growth TR USD

**Morningstar Category** 

Large Growth

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
b	Cyclical	29.55	20.71	23.95	
ů.	Basic Materials	1.87	0.57	1.17	Ď
4	Consumer Cyclical	11.00	14.02	13.74	
P	Financial Services	16.68	5.38	8.16	
b	Real Estate	0.00	0.74	0.88	
M	Sensitive	56.07	65.39	60.80	
	Communication Services	21.89	12.60	12.29	
•	Energy	2.40	0.46	0.94	
<b>\$</b>	Industrials	5.22	4.45	6.57	
1	Technology	26.56	47.88	41.00	
+	Defensive	14.39	13.90	15.25	
=	Consumer Defensive	1.98	3.77	2.75	
1	Healthcare	11.44	10.07	12.09	
2	Utilities	0.97	0.06	0.41	

<b>Top 15 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	13.97	13.97	42.73	Communication Svc
Berkshire Hathaway Inc Class A	8.55	22.52	12.83	Financial Services
NVIDIA Corp	7.97	30.49	149.49	Technology
	6.45	36.94	19.26	Technology
Amazon.com Inc	6.17	43.11	27.19	Consumer Cyclical
⊖ Eli Lilly and Co	3.13	46.24	55.76	Healthcare
Apple Inc	3.07	49.31	9.65	Technology
Alphabet Inc Class A	2.57	51.88	30.54	Communication Svc
⊕ Alphabet Inc Class C	2.14	54.02	30.29	Communication Svc
	1.94	55.96	36.59	Technology
○ UnitedHealth Group Inc	1.90	57.85	-2.51	Healthcare
Regeneron Pharmaceuticals Inc	1.89	59.74	19.67	Healthcare
Netflix Inc	1.79	61.54	38.61	Communication Svc
⊕ Visa Inc Class A	1.47	63.01	1.21	Financial Services
	1.41	64.42	_	_

Total Holdings 383



### Morningstar Category Multisector Bond

**Morningstar Index** Bloomberg US Universal TR USD

### **Loomis Sayles Bond N** LSBNX

### Portfolio Manager(s)

Matthew Eagan since 02-2007 Brian Kennedy since 06-2016

#### Quantitative Screens

Performance: The fund has finished in the Multisector Bond 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 17.42 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.61 is 37.76% lower than the Multisector Bond category average.

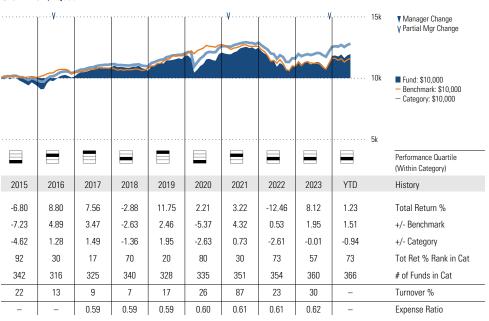
### **Morningstar Investment Management LLC Analysis**

Although Loomis Sayles Bond currently passes all of Morningstar Investment Management's quantitative screens, it remains on watch due to persistent performance issues. Additionally, longtime co-lead portfolio manager Elaine Stokes left the fund's management team at the end of 2023. Seasoned comanagers remain on the fund but, amid the fund's persistently poor relative results, Stokes's exit is a concern.

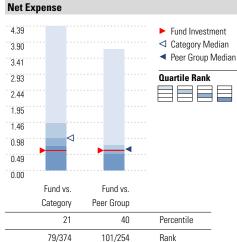
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.53	_	2.01
Beta	1.01	_	0.77
R-Squared	87.84	_	77.12
Standard Deviation	7.93	7.32	6.43
Sharpe Ratio	-0.56	-0.81	-0.52
Tracking Error	2.77	_	3.60
Information Ratio	0.51	_	0.74
Up Capture Ratio	99.71	_	79.26
Down Capture Ratio	86.95	_	61.30

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.32	4.55	4.11
Avg Eff Maturity	7.10	7.69	7.17





### On Watch

Morningstar Index

Bloomberg US Universal TR USD

# **Loomis Sayles Bond N** LSBNX

# Style Analysis as of 06-30-2024 Style Breakdown Fixed Income Quality Given Service S

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	17.09	67.64	15.93
AA	3.33	3.23	11.95
A	8.22	10.03	7.89
BBB	37.78	10.89	24.23
BB	15.57	3.19	17.49
В	4.43	3.64	11.34
Below B	4.95	1.38	7.48
Not Rated	8.63	0.00	3.69

#### Asset Allocation as of 06-30-2024 Asset Class Net % Cat% US Stocks 0.39 1.31 Non-US Stocks 0.00 0.14 Bonds 88.59 104.94 Cash 4.36 -3.82 Other 6.67 -2.58 50 100 Total 100.00 100.00

**Morningstar Category** 

Multisector Bond

	Fund	Bmark	Cat	Fund	▼ Be	enchmark	Cat	eaorv	Avera	ae		
Government	18.49	_	25.16	Tuna			n oar	090.1		90		
Treasury	18.48	_	8.65		- 1							
Inflation – Protected	0.00	_	0.94	in i	-							
Agency/Quasi Agency	0.00	_	0.25	0								
Other Government Related	0.01	_	15.32	i								
Corporate	56.57	_	34.60									
Corporate Bond	48.10	_	29.35			1 1						
Bank Loan	2.27	_	3.11									
Convertible	5.68	_	0.65									
Preferred	0.52	_	1.49	10								
Securitized	19.37	_	27.40									
Agency MBS Pass-Through	0.00	_	11.20	i i								
Agency MBS ARM	0.00	_	0.06									
Agency MBS CMO	0.14	_	2.53	i [								
Non-Agency Residential MBS	0.41	_	3.23	ı [								
Commercial MBS	1.76	_	1.38									
Asset-Backed	17.06	_	9.00									
Covered Bond	0.00	_	0.00									
Municipal	1.22	-	0.24	]								
Cash & Equivalents	4.35	_	9.87									
Other	0.00	_	2.74	1 [								

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Fixed Inc Clearing Corp.Repo	06-2024	4.07	4.07	_
⊕ United States Treasury Notes 4.875%	04-2026	4.02	8.10	_
United States Treasury Bonds 3.25%	05-2042	4.01	12.11	_
DISH Network Corporation 3.375%	08-2026	2.71	14.81	_
United States Treasury Notes 4.625%	06-2025	2.26	17.08	_
Mutual of Omaha Insurance Co 6.8%	06-2036	1.38	18.46	_
→ TOBACCO SETTLEMENT FING CORP VA 6.706%	06-2046	1.22	19.68	_
National Life Insurance Co. 10.5%	09-2039	1.09	20.77	_
Continental Resources, Inc. 5.75%	01-2031	1.02	21.79	_
Micron Technology Inc. 5.875%	09-2033	0.93	22.72	_

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

Total Holdings 594



# MFS Research International R4 MRSJX

**Morningstar Category** Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

### Portfolio Manager(s)

Nicholas Paul since 12-2022 John Mahoney since 01-2024

### Quantitative Screens

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 team has been in place for less than three years.

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

Net Expense: The fund's expense ratio of 0.79 is 8.14% lower than the Foreign Large Blend category average.

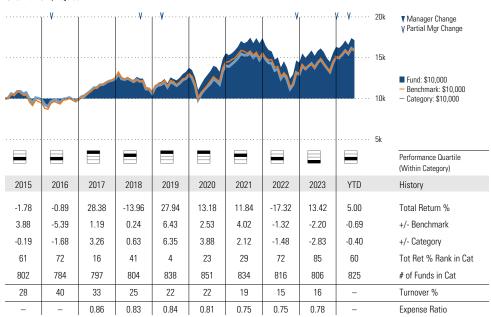
### **Morningstar Investment Management LLC Analysis**

This fund fails the manager tenure screen after the retirement of Camille Humphries Lee. But we are comfortable with the remaning team and oversight managers here, one of whom will pass the tenure screen at the start of 2025, and who both have plenty of experience at MFS.

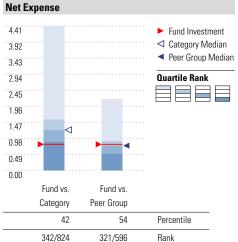
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

### Growth of \$10,000







321/596 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3- Tear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	0.40	_	0.70
Beta	1.01	_	1.02
R-Squared	93.30	_	92.87
Standard Deviation	17.18	16.36	17.37
Sharpe Ratio	-0.07	-0.10	-0.05
Tracking Error	4.45	_	4.65
Information Ratio	0.07	_	0.16
Up Capture Ratio	108.05	_	107.65
Down Capture Ratio	106.59	_	105.02

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.15	15.74	15.78
Price/Book Ratio	2.28	1.81	1.94
Geom Avg Mkt Cap \$B	56.95	51.02	60.43
ROE	19.40	17.31	19.31



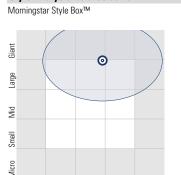


### MFS Research International R4 MRSJX

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

MSCI ACWI Ex USA NR USD

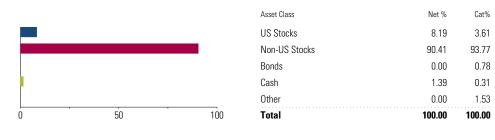
Style Analysis as of 06-30-2024 Asset Allocation as of 06-30-2024



Deep-Val Core-Val Blend Core-Grth High-Grth 

Ownership 75% of fund's current stock holdings

Mid



### Style Breakdown

Equity

. ,			
16	35	35	Large
1	8	4	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Se	ctor Weighting as of 06-	30-2024										
		Fund	Bmark	Cat	Fund	•	Benchm	ark	[] Cateo	gory Av	erage	
Դ	Cyclical	40.03	40.76	38.60								
A	Basic Materials	9.35	7.04	6.48								
A	Consumer Cyclical	8.65	10.49	10.85			<b>■</b> []					
ıÇ.	Financial Services	20.40	21.39	19.73								
侖	Real Estate	1.63	1.84	1.54								
W	Sensitive	37.22	39.56	39.44								
	Communication Services	2.55	5.72	4.86								
•	Energy	5.08	5.69	5.01								
₽	Industrials	19.05	13.53	16.71								
	Technology	10.54	14.62	12.86				1	<u>:</u>			
<b>—</b>	Defensive	22.76	19.67	21.96								
Ħ	Consumer Defensive	7.06	7.12	8.04								
+	Healthcare	13.08	9.68	11.59	_							
•	Utilities	2.62	2.87	2.33								

### World Regions % Equity 06-30-2024



Greater Asia	Fund % 32.76	Cat % 34.66
Japan	19.71	19.06
Australasia	4.28 6.19	4.65 6.40
Asia-4 Tigers Asia-ex 4 Tigers	2.58	4.55
Asia-ex 4 Tigers	2.50	4.55
Not Classified	0.00	0.00

Americas	Fund % 10.21	Cat % 8.64	Greater Europe	Fund % 57.05	Cat % 56.68	Market Maturity	Fund %
North America	10.21	7.55	United Kingdom	9.74	13.73	Developed Markets	97.42
Central/Latin	0.00	1.09	W euro-ex UK	47.31	42.09	Emerging Markets	2.58
			Emrgng Europe	0.00	0.10	Not Available	0.00
			Africa	0.00	0.76		

<b>Top 10 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.99	3.99	_	Healthcare
	3.62	7.61	25.32	Industrials
	3.25	10.86	7.52	Basic Materials
	2.76	13.62	_	Industrials
Roche Holding AG	2.51	16.13	_	Healthcare
○ Nestle SA	2.31	18.44	_	Consumer Defensive
─ Lvmh Moet Hennessy Louis Vuitton SE	2.29	20.73	-1.70	Consumer Cyclical
	1.91	22.64	47.36	Financial Services
	1.70	24.34	4.87	Energy
⊕ Euronext NV	1.58	25.91	13.13	Financial Services

### Total Holdings 118

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

### Vanguard 500 Index Admiral VFIAX

# Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

### Portfolio Manager(s)

Michelle Louie since 11-2017 Nick Birkett since 08-2023 Aaron Choi since 08-2023

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 6.59 years.

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

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000





Net Expe	ense		
4.87			► Fund Investment
4.33			Category Median
3.79			◆ Peer Group Median
3.25			Quartile Rank
2.71			
2.16			
1.62			
1.08	4		
0.54			
0.00			
1	Fund vs.	Fund vs.	
C	ategory	Peer Group	
	6	33	Percentile
	98/1604	175/532	Rank

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-1.34
Beta	1.00	_	0.94
R-Squared	100.00	_	94.58
Standard Deviation	17.86	17.86	17.23
Sharpe Ratio	0.43	0.44	0.33
Tracking Error	0.00	_	3.71
Information Ratio	-11.64	_	-1.35
Up Capture Ratio	99.91	_	91.28
Down Capture Ratio	100.07	_	96.41

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.53	26.54	24.04
Price/Book Ratio	4.63	4.62	4.83
Geom Avg Mkt Cap \$B	322.58	322.33	370.57
ROE	33.75	33.73	34.43



# Vanguard 500 Index Admiral VFIAX

#### **Morningstar Category** Morningstar Index Large Blend S&P 500 TR USD

### Style Analysis as of 06-30-2024

Morningstar Style Box™



### Style Breakdown

Equity

14	29	39	Large
6	9	3	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 06-30-2024



cal Materials umer Cyclical	<b>26.21</b> 1.95	Bmark <b>26.22</b> 1.95	Cat <b>27.77</b>	Func	d -	▼ Ben	chmar	k []	Catego	ory Av	erage		
Materials	1.95		27.77				_						
		1.95											
umer Cyclical	40.40		2.65			Ė							
	10.12	10.11	9.88										
cial Services	11.99	12.01	13.37				]						
Estate	2.15	2.15	1.87										
tive	53.94	53.92	51.57										
nunication Services	9.34	9.34	8.51			0							
y	3.65	3.65	3.82		Ò								
trials	7.56	7.56	10.04			ĺ							
nology	33.39	33.37	29.20								ľ		
sive	19.86	19.85	20.66										
umer Defensive	5.74	5.75	5.93										
haara	11.75	11.74	12.54										
ncare	2.37	2.36	2.19										
L	care					i <b>j</b> i	i <b>j</b> i i i i	i 💇 i e i 🧸 i e i e i e i e i e i e i e i e i e i	i grani i di kacamatan di kacama	i y i i i i i i i i i	ing and the second of the seco	 i y i i i či i i i i i i i i i i i i i i	ing the state of the

100

<b>Top 15 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	7.23	7.23	19.26	Technology
	6.62	13.85	149.49	Technology
	6.61	20.46	9.65	Technology
⊕ Amazon.com Inc	3.85	24.31	27.19	Consumer Cyclical
	2.41	26.72	42.73	Communication Svc
	2.33	29.05	30.54	Communication Svc
	1.95	31.00	30.29	Communication Svc
→ Berkshire Hathaway Inc Class B	1.60	32.61	14.06	Financial Services
⊕ Eli Lilly and Co	1.57	34.18	55.76	Healthcare
⊕ Broadcom Inc	1.52	35.70	44.77	Technology
	1.26	36.97	20.20	Financial Services
⊕ Tesla Inc	1.20	38.16	-20.36	Consumer Cyclical
⊕ Exxon Mobil Corp	1.12	39.29	17.04	Energy
─ UnitedHealth Group Inc	1.02	40.31	-2.51	Healthcare
⇒ Visa Inc Class A	0.89	41.20	1.21	Financial Services

Total Holdings 507



# 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 11.36 years.

Net Expense: The fund's expense ratio of 0.08 is 90.7% 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	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -0.70 10.59 1.79 6.52 4.51 4.56 Fund Return % 0.96 11.62 0.46 5.55 3.84 4.91 Benchmark Return % 10.57 0.15 1.24 5 95 4 17 Category Average % 79 58 43 37 % Rank in Category 828 817 755 704 457 # of Funds in Category



3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.46	_	0.70
Beta	1.08	_	1.02
R-Squared	96.23	_	92.87
Standard Deviation	18.07	16.36	17.37
Sharpe Ratio	0.00	-0.10	-0.05
Tracking Error	3.76	-	4.65
Information Ratio	0.35	-	0.16
Up Capture Ratio	116.83	_	107.65
Down Capture Ratio	110.70	-	105.02

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.63	15.74	15.78
Price/Book Ratio	1.68	1.81	1.94
Geom Avg Mkt Cap \$B	34.10	51.02	60.43
ROE	16.24	17.31	19.31



# Vanguard Developed Markets Index Admiral VTMGX

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

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

### Style Analysis as of 06-30-2024

Morningstar Style Box™



# Style Breakdown

Equity

	0.4	00	Laigo
26	24	28	
5	8	5	IVIIG
2	2	1	O I I

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Asset Class	Net %	Cat%
US Stocks	1.12	3.61
Non-US Stocks	96.55	93.77
Bonds	0.00	0.78
Cash	2.13	0.31
Other	0.19	1.53
Total	100.00	100.00

Sec	ctor Weighting as of 06-	30-2024												
		Fund	Bmark	Cat	Fund	•	Bench	mark	Categ	jory Ave	erage		_	
<b>Դ</b>	Cyclical	40.54	40.76	38.60										
A.	Basic Materials	7.36	7.04	6.48										
<b>A</b>	Consumer Cyclical	10.26	10.49	10.85										
ê	Financial Services	19.84	21.39	19.73										
<b>fi</b>	Real Estate	3.08	1.84	1.54										
W#	Sensitive	38.59	39.56	39.44									<b>=</b> [	
	Communication Services	4.12	5.72	4.86		[]								
ð	Energy	5.36	5.69	5.01		<b>=</b> ()								
Ф	Industrials	17.31	13.53	16.71			- :							
	Technology	11.80	14.62	12.86					į					
<b>→</b>	Defensive	20.86	19.67	21.96										
	Consumer Defensive	7.03	7.12	8.04										
٠	Healthcare	11.05	9.68	11.59										
•	Utilities	2.78	2.87	2.33										
					0%	5	10	15	20	25	30	35	40	

### World Regions % Equity 06-30-2024



Greater Asia	Fund % 35.77	Cat % 34.66	
Japan	21.43	19.06	
Australasia	6.89	4.65	
Asia-4 Tigers	7.26	6.40	
Asia-ex 4 Tigers	0.19	4.55	
Not Classified	0.00	0.00	

Americas	Fund % 10.36	Cat % 8.64	Greater Europe	Fund % 53.86	Cat % 56.68	Market Maturity	Fund %
North America	10.34	7.55	United Kingdom	12.13	13.73	Developed Markets	99.37
Central/Latin	0.02	1.09	W euro-ex UK	40.77	42.09	Emerging Markets	0.63
			Emrgng Europe	0.40	0.10	Not Available	0.00
			Africa	0.56	0.76		

<b>Top 10 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.91	1.91	44.77	Healthcare
⊕ ASML Holding NV	1.75	3.66	35.90	Technology
⊕ Slcmt1142	1.46	5.12	_	-
Samsung Electronics Co Ltd	1.22	6.34	_	Technology
○ Nestle SA	1.17	7.50	-	Consumer Defensive
⊕ Toyota Motor Corp	1.06	8.56	28.85	Consumer Cyclical
⊕ AstraZeneca PLC	1.02	9.58	21.15	Healthcare
Shell PLC	1.00	10.58	12.54	Energy
⊕ SAP SE	0.96	11.54	35.88	Technology
○ Novartis AG Registered Shares	0.95	12.49	17.52	Healthcare

### Total Holdings 3989

### Vanguard Interm-Term Bond Index Adm VBILX

**Morningstar Category** Intermediate Core Bond Morningstar Index

### Bloomberg US Agg Bond TR USD

### Portfolio Manager(s)

Joshua Barrickman since 04-2008

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 16.19 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.07 is 86.54% lower than the Intermediate Core Bond category average.

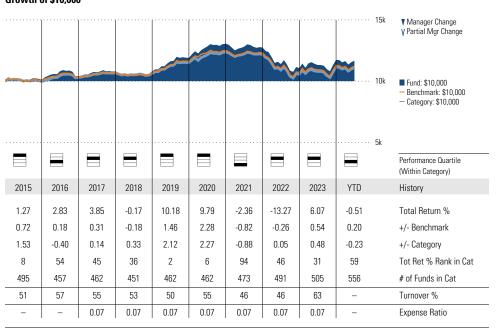
### **Morningstar Investment Management LLC Analysis**

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.

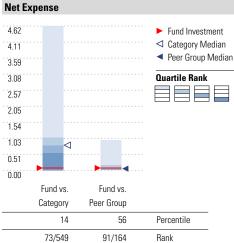
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	05-31-2024
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
characteristics

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.14	_	-0.08
Beta	1.05	_	0.98
R-Squared	98.58	_	97.76
Standard Deviation	7.89	7.43	7.36
Sharpe Ratio	-0.80	-0.85	-0.86
Tracking Error	1.02	_	0.99
Information Ratio	-0.04	_	-0.20
Up Capture Ratio	109.12	_	96.79
Down Capture Ratio	106.96	_	97.79

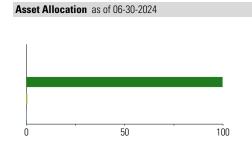
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.22	4.43	6.00
Avg Eff Maturity	7.30	_	8.77



# Vanguard Interm-Term Bond Index Adm VBILX

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





Total	100.00	100.00
Other	0.04	1.89
Cash	0.32	4.13
Bonds	99.64	93.87
Non-US Stocks	0.00	0.02
US Stocks	0.00	0.08
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	57.32	3.53	23.71
AA	2.41	74.59	40.42
A	18.52	10.82	21.59
BBB	21.78	8.32	12.31
BB	0.00	0.28	0.68
В	0.00	0.00	0.49
Below B	0.00	0.00	0.21
Not Rated	-0.03	2.46	0.59

				-									
Other	0.00	_	0.62	10									
Cash & Equivalents	0.32	-	4.57	1									
Municipal	0.42	-	1.10	1									
Covered Bond	0.00	_	0.00										
Asset-Backed	0.06	_	6.90	į									
Commercial MBS	0.00	_	0.54										
Non-Agency Residential MBS	0.00	_	0.11										
Agency MBS CMO	0.00	_	1.26										
Agency MBS ARM	0.00	_	0.20										
Agency MBS Pass-Through	0.00	_	30.02	İ									
Securitized	0.06	-	39.03	į									
Preferred	0.00	_	0.15										
Convertible	0.04	_	0.00	Ü									
Bank Loan	0.00	_	0.07										
Corporate Bond	39.67	_	23.59										
Corporate	39.71	-	23.81										
Other Government Related	2.08	_	3.36	<b>[</b>									
Agency/Quasi Agency	1.72	_	0.69	0									
Inflation – Protected	0.00	_	1.38	i []									
Treasury	55.68	_	25.45										
Government	59.48	_	30.88										
	Fund	Bmark	Cat	Fund	• B	enchn	nark	Ca	tegory	Aver	age		

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes	_	2.47	2.47	_
⊕ United States Treasury Notes	_	2.45	4.93	_
United States Treasury Notes	-	2.20	7.12	_
⊕ United States Treasury Notes	_	2.07	9.20	_
United States Treasury Notes	_	1.99	11.19	_
⊕ United States Treasury Notes	_	1.98	13.17	_
United States Treasury Notes	_	1.97	15.14	_
⊕ United States Treasury Notes	_	1.96	17.09	_
United States Treasury Notes	_	1.94	19.03	_
⊕ United States Treasury Notes	_	1.90	20.93	_

Total Holdings 2272



### Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Moderately Conservative Morningstar Index

Morningstar US Mod Con Tgt Alloc NR

#### Allocation

### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Moderately Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.
- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.12 is 86.96% lower than the Moderately Conservative Allocation category average.

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

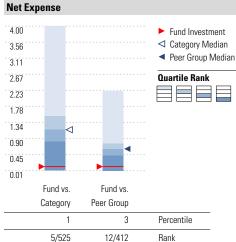
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
ESG Commitment	1-Low	07-19-2023

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change 15k ■ Fund: \$10,000 Benchmark: \$10,000 Category: \$10,000 Performance Quartile (Within Category) 2017 2015 2016 2018 2019 2020 2021 2022 2023 YTD History -0.17 5.96 10.92 -2.95 15.68 11.51 6.05 -14.99 12.48 3.63 Total Return % -0.62 0.19 0.41 -0.54 -0.21 0.00 -1.14 -0.93 -0.56 -1.03 +/- Benchmark 2.15 -0.66 1.06 2.09 0.87 2.65 -2.19 -1.68 2.05 -0.42 +/- Category 54 36 27 Tot Ret % Rank in Cat 12 30 14 85 78 11 55 562 534 515 529 514 481 487 487 484 524 # of Funds in Cat 16 9 6 11 9 23 5 21 4 Turnover % Expense Ratio

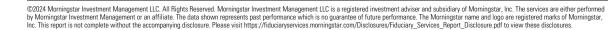




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

	Fund	Bmark	Cat
Alpha	-1.15	_	-0.69
Beta	1.03	_	0.96
R-Squared	99.44	_	94.22
Standard Deviation	10.30	10.02	9.97
Sharpe Ratio	-0.25	-0.14	-0.23
Tracking Error	0.81	_	2.39
Information Ratio	-1.40	_	-0.50
Up Capture Ratio	98.30	_	95.25
Down Capture Ratio	106.35	-	100.38

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.96	21.82	21.89
Price/Book Ratio	2.57	3.04	3.11
Avg Eff Duration	6.44	_	4.84





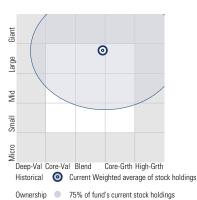
# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

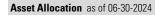
Morningstar Category Moderately Conservative **Morningstar Index** 

Morningstar US Mod Con Tgt Alloc NR

Style Analysis as of 06-30-2024

Morningstar Style Box™





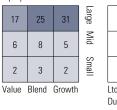


Allocation

	Fund	Bmark	Cat	Fund	▼ Bend	chmark	( [] Ca	ategory	Avera	ge
Cyclical	33.47	31.25	31.95							
Basic Materials	4.44	3.70	3.31							
Consumer Cyclical	10.47	10.48	9.07							
Financial Services	15.74	14.46	14.07							
Real Estate	2.82	2.61	5.50							
Sensitive	46.90	49.13	46.04							
Communication Services	7.24	7.72	6.79		1					
Energy	4.62	4.27	5.45							
Industrials	11.68	10.66	10.75							
Technology	23.36	26.48	23.05							
Defensive	19.62	19.62	22.01							
Consumer Defensive	6.11	5.96	6.40							
Healthcare	10.81	11.18	12.16							
Utilities	2.70	2.48	3.45							

### Style Breakdown

Equity			
17	25	31	c
6	8	5	
2	3	2	





Weig	ht %		
>50	25-50	10-25	0-10

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II ldx Inv	_	41.79	41.79	_	_
─ Vanguard Total Stock Mkt Idx Inv	-	23.70	65.48	_	-
⊕ Vanguard Total Intl Bd II ldx Investor	-	17.90	83.38	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	15.80	99.18	_	_
⊕ Mktliq 12/31/2049	-	0.81	99.99	_	_
⊕ Us Dollar	_	0.01	100.00	_	_

### Total Holdings 6



### Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Moderately Aggressive Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR LISD

### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

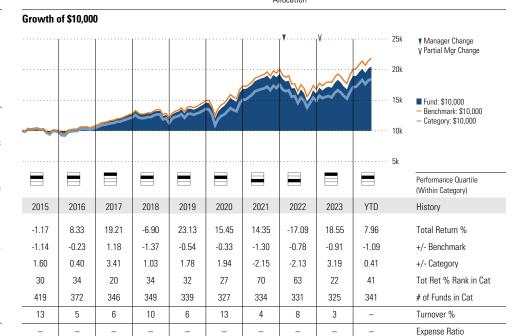
Net Expense: The fund's expense ratio of 0.14 is
 85.57% lower than the Moderately Aggressive Allocation category average.

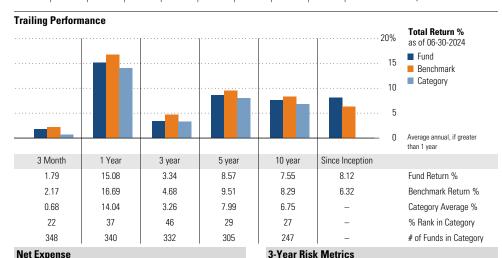
### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022





Net Expe	ense		
5.91			► Fund Investment
5.25			Category Median
4.60			<ul> <li>Peer Group Median</li> </ul>
3.94			Quartile Rank
3.28			
2.63			
1.97			
1.31	□ □ □ □ □		
0.66		•••••	
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
	1	4	Percentile
	4/350	12/303	Rank

	Fund	Bmark	Cat
Alpha	-1.37	-	-1.33
Beta	1.03	-	0.98
R-Squared	99.33	-	94.68
Standard Deviation	14.69	14.28	14.48
Sharpe Ratio	0.07	0.16	0.05
Tracking Error	1.26	_	3.00
Information Ratio	-1.06	-	-0.70
Up Capture Ratio	99.07	-	95.96
Down Capture Ratio	105.60	_	102.71

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.03	22.00	21.66
Price/Book Ratio	2.58	3.09	3.09
Avg Eff Duration	6.44	-	5.14
3			





# Vanguard LifeStrategy Growth Inv VASGX

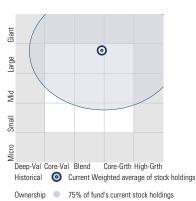
Morningstar Category Moderately Aggressive **Morningstar Index** 

Allocation

Morningstar US Mod Agg Tgt Alloc NR

### Style Analysis as of 06-30-2024

Morningstar Style Box™



Large

Mid

Fixed Income

Mod

Quality

High

Mid

Low

### Style Breakdown

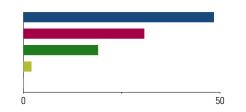
Equity 17 31 5 6 8



Value

Blend Growth Ltd Duration Weight % >50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.05	5.32
Cash	1.96	2.67
Bonds	18.92	14.71
Non-US Stocks	30.67	18.05
US Stocks	48.39	59.24
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Bend	hmark	: [] Ca	ategory	Averag	ge		
U.	Cyclical	33.38	31.04	31.34										
â.	Basic Materials	4.40	3.62	3.84		Ó								
<b>A</b>	Consumer Cyclical	10.47	10.49	9.95										
<b>,</b>	Financial Services	15.68	14.33	14.36										
æ	Real Estate	2.83	2.60	3.19		0								_
W	Sensitive	46.98	49.41	47.91										[
	Communication Services	7.26	7.81	7.31			]							
ð	Energy	4.60	4.23	4.90										
¢	Industrials	11.64	10.52	12.03										
	Technology	23.48	26.85	23.67						<b>=</b> ]				
<b>→</b>	Defensive	19.65	19.55	20.76					<b>=</b> [					
=	Consumer Defensive	6.11	5.92	6.02										
٠	Healthcare	10.84	11.17	12.19										
•	Utilities	2.70	2.46	2.55										

#### Top 6 Holdings as of 06-30-2024 Name Maturity Date % Net Asset Cumulative % YTD Return % Morningstar Sector Vanguard Total Stock Mkt Idx Inv 48.56 48.56 ① Vanguard Total Intl Stock Index Inv 31.41 79.96 Vanguard Total Bond Market II ldx Inv 13.31 93.27 ① Vanguard Total Intl Bd II ldx Investor 5.81 99.08 ⊕ Mktliq 12/31/2049 0.91 99.99 0.01 Us Dollar 100.00

### Total Holdings 6



### Vanguard LifeStrategy Income Inv VASIX

### Morningstar Category Conservative Allocation

### Morningstar Index

Morningstar US Con Tgt Alloc NR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Conservative Allocation category's top three quartiles in 8 of the 10 years it's been in existence.
- × Management: The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.11 is 88.89% lower than the Conservative Allocation category average.

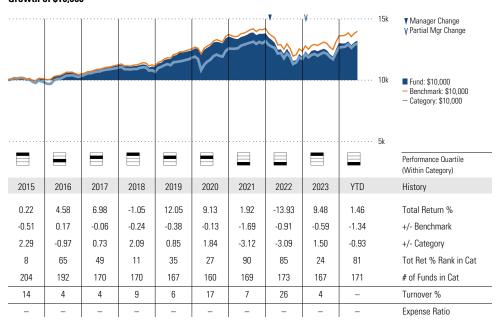
#### **Morningstar Investment Management LLC Analysis**

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

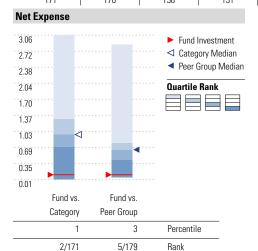
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
ESG Commitment	1-Low	07-19-2023

### Growth of \$10,000







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

3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	-1.24	-	-0.43
Beta	1.02	-	0.96
R-Squared	99.06	-	93.65
Standard Deviation	8.34	8.17	8.15
Sharpe Ratio	-0.52	-0.37	-0.44
Tracking Error	0.82	-	2.19
Information Ratio	-1.52	-	-0.33
Up Capture Ratio	93.85	-	95.81
Down Capture Ratio	104.86	-	99.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.89	22.07	22.47
Price/Book Ratio	2.55	3.11	3.25
Avg Eff Duration	6.45	_	4.99



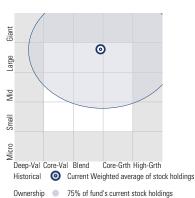
# Vanguard LifeStrategy Income Inv VASIX

#### **Morningstar Category Morningstar Index** Conservative Allocation

Morningstar US Con Tgt Alloc NR USD

### Style Analysis as of 06-30-2024

Morningstar Style Box™



#### Asset Class Net % Cat% US Stocks 11.50 15.02 Non-US Stocks 7.73 3.61 Bonds 78.91 67.54 Cash 1.79 9.27 Other 0.07 4.56 50 100 Total 100.00 100.00

### Style Breakdown

Equity				Fixed I	ncome		Quality
17	25	31	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Durati	Mod on	Ext	_



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

Sec	ctor Weighting as of 06-3	30-2024			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<sub>Մ</sub>	Cyclical	33.55	30.99	31.10	
A	Basic Materials	4.48	3.61	3.27	
<b>A</b>	Consumer Cyclical	10.47	10.48	9.55	
<del>,</del>	Financial Services	15.79	14.30	14.02	
<b>fi</b>	Real Estate	2.81	2.60	4.26	
W	Sensitive	46.79	49.39	47.40	
d	Communication Services	7.19	7.79	7.36	
•	Energy	4.64	4.23	4.53	
Ф	Industrials	11.72	10.52	10.58	
	Technology	23.24	26.85	24.93	
<b>→</b>	Defensive	19.65	19.62	21.49	
Ħ	Consumer Defensive	6.15	5.94	6.98	
+	Healthcare	10.79	11.22	11.78	
•	Utilities	2.71	2.46	2.73	
					0% 5 10 15 20 25 30 35 40 45 5

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	55.78	55.78	_	_
○ Vanguard Total Intl Bd II Idx Investor	_	23.97	79.75	_	-
○ Vanguard Total Stock Mkt Idx Inv	_	11.53	91.28	-	-
⊕ Vanguard Total Intl Stock Index Inv	_	7.93	99.21	-	-
① Mktliq 12/31/2049	-	0.79	100.00	-	-
<ul><li>⊖ Us Dollar</li></ul>	-	0.00	100.00	_	_

Asset Allocation as of 06-30-2024

### Total Holdings 6



# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

#### Morningstar Category Moderate Allocation

### Morningstar Index

### Morningstar US Mod Tgt Alloc NR USD

### Portfolio Manager(s)

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

### **Quantitative Screens**

- Performance: The fund has finished in the Moderate Allocation category's top three quartiles in 9 of the 10 years it's been in existence.
- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.13 is 87.13% lower than the Moderate Allocation category average.

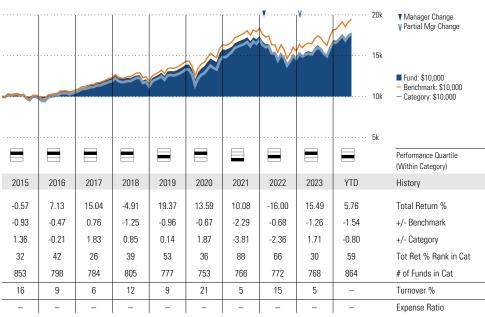
#### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

Metric Sustainability Rating ESG Commitment	Rating	Updated
Sustainability Rating	3	05-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

### Growth of \$10,000





<b>Net Exp</b>	ense		
6.87			► Fund Investment
6.11			Category Median
5.34			<ul> <li>Peer Group Median</li> </ul>
4.58			Quartile Rank
3.82			
3.05			
2.29			
1.53			
0.76		·····	
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	2	4	Percentile
	10/872	27/685	Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.63	-	-0.68
Beta	1.00	-	0.98
R-Squared	98.96	-	94.43
Standard Deviation	12.46	12.35	12.42
Sharpe Ratio	-0.06	0.07	0.00
Tracking Error	1.27	-	2.75
Information Ratio	-1.31	-	-0.40
Up Capture Ratio	95.11	-	96.78
Down Capture Ratio	103.98	-	100.94

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.00	22.77	22.57
Price/Book Ratio	2.58	3.31	3.44
Avg Eff Duration	6.45	_	4.92



# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Asset Allocation as of 06-30-2024

**Morningstar Category Morningstar Index** Moderate Allocation

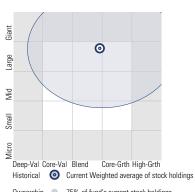
Asset Class

Morningstar US Mod Tgt Alloc NR USD

Net %

### Style Analysis as of 06-30-2024

Morningstar Style Box™





# Ownership 75% of fund's current stock holdings

Total	100.00	100.00
Other	0.06	3.43
Cash	1.79	2.74
Bonds	39.05	34.83
Non-US Stocks	23.08	9.98
US Stocks	36.02	49.02

quity	3reakd	OVVII		Fixed	Income		Quality
17	25	31	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
alue	Blend	Growth		Ltd Durat	Mod	Ext	

		Fund	Bmark	Cat	Fund		▼ Be	nchm	ark [	Cate	jory A	verage	)		
ŀ	Cyclical	33.38	30.18	30.33											
	Basic Materials	4.41	3.30	3.46											
,	Consumer Cyclical	10.46	10.47	10.02											
ì	Financial Services	15.70	13.82	14.48											
ì	Real Estate	2.81	2.59	2.37											
7	Sensitive	46.96	50.25	48.09											
	Communication Services	7.26	8.04	7.86		_									
)	Energy	4.61	4.13	4.68											
ŀ	Industrials	11.65	10.11	10.83											
3	Technology	23.44	27.97	24.72						<b>I</b>	'				
+	Defensive	19.66	19.57	21.58											
Ę	Consumer Defensive	6.12	5.83	5.66											
ř	Healthcare	10.84	11.32	13.05	_		i '								
1	Utilities	2.70	2.42	2.87											

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	36.14	36.14	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	27.62	63.76	_	-
◆ Vanguard Total Intl Stock Index Inv	-	23.64	87.39	_	-
	-	11.85	99.25	_	-
⊕ Mktliq 12/31/2049	-	0.75	99.99	-	-
① Us Dollar	-	0.01	100.00	-	_

### Total Holdings 6



### Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category

Mid-Cap Blend

Morningstar Index Russell Mid Cap TR USD

### Portfolio Manager(s)

Aurélie Denis since 02-2023 Aaron Choi since 08-2023

### **Quantitative Screens**

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

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

Net Expense: The fund's expense ratio of 0.05 is 94.12% lower than the Mid-Cap Blend category average.

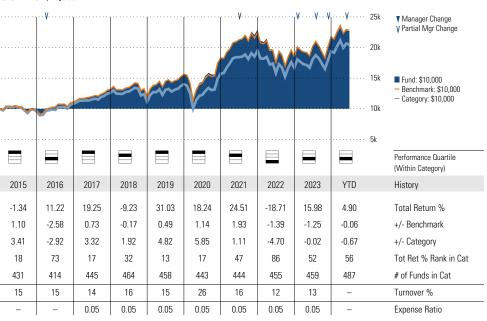
### **Morningstar Investment Management LLC Analysis**

This fund fails the manager tenure screen due to the retirement of a long-serving manager. Since this is a teammanaged index fund, we are not concerned about the change.

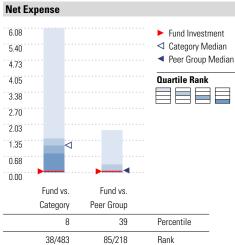
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
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	-0.14	_	0.49
Beta	0.98	_	0.96
R-Squared	99.54	-	93.87
Standard Deviation	19.41	19.67	19.54
Sharpe Ratio	0.03	0.04	0.06
Tracking Error	1.35	-	4.83
Information Ratio	-0.12	-	0.07
Up Capture Ratio	98.33	_	96.95
Down Capture Ratio	98.83	_	95.61

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	20.28	18.65
Price/Book Ratio	2.97	2.79	2.81
Geom Avg Mkt Cap \$B	30.71	21.39	12.85
ROE	19.43	18.61	22.13



# Vanguard Mid Cap Index Admiral VIMAX

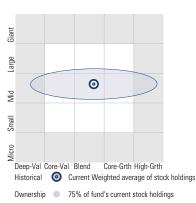
# Morningstar Category Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

Style Analysis as of 06-30-2024

Morningstar Style Box™



### Style Breakdown

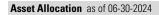
Equity

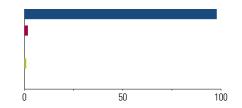
0	0	7	Large
25	44	24	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	2.55
Cash	0.74	1.02
Bonds	0.00	-0.11
Non-US Stocks	1.57	2.27
US Stocks	97.69	94.28
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Bench	mark	Cateo	jory Ave	erage	_	
b	Cyclical	33.42	37.45	39.25									
ů.	Basic Materials	5.36	4.27	5.00									
4	Consumer Cyclical	7.96	11.02	13.77									
₽	Financial Services	12.59	14.38	14.61				ı [					
b	Real Estate	7.51	7.78	5.87			•						
M	Sensitive	43.34	44.68	43.55		_							
	Communication Services	3.21	3.49	2.22		` <u>.</u>							
•	Energy	4.67	5.17	4.77									
<b>\$</b>	Industrials	17.13	19.15	20.39									
3	Technology	18.33	16.87	16.17									
+	Defensive	23.24	17.86	17.22									
Ę	Consumer Defensive	5.06	3.08	4.21									
۲	Healthcare	10.36	9.36	9.88			<b>—</b> ()						
?	Utilities	7.82	5.42	3.13		. 7							

<b>Top 15 Holdings</b> as of 06-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.07	1.07	36.59	Technology
	0.90	1.97	26.30	Industrials
	0.85	2.82	23.93	Technology
○ Constellation Energy Corp	0.83	3.65	_	Utilities
⊕ Welltower Inc	0.82	4.48	16.97	Real Estate
	0.80	5.27	16.64	Industrials
⊕ Arthur J. Gallagher & Co	0.75	6.02	15.84	Financial Services
○ Carrier Global Corp Ordinary Shares	0.71	6.74	10.46	Industrials
→ PACCAR Inc	0.71	7.45	6.00	Industrials
→ Palantir Technologies Inc Ordinary Shares - Class A	0.67	8.12	47.52	Technology
	0.65	8.77	2.46	Technology
Digital Realty Trust Inc	0.65	9.42	14.79	Real Estate
Newmont Corp	0.64	10.06	2.37	Basic Materials
ONEOK Inc	0.63	10.69	18.95	Energy
	0.62	11.31	27.66	Financial Services

**Total Holdings 319** 



### 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 28.15 years.

Net Expense: The fund's expense ratio of 0.13 is 87.96% lower than the Real Estate category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2024 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -1.90 4.75 -2.55 2.96 5.30 8.77 Fund Return % 0.01 7.52 0.26 3.87 5.73 8.88 Benchmark Return % -2.18 5 40 5.06 -0.80 2 87 Category Average % 77 66 77 55 50 % Rank in Category 255 251 238 218 157 # of Funds in Category



3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-2.77	_	-2.12
Beta	1.02	_	0.97
R-Squared	98.73	_	94.73
Standard Deviation	21.93	21.28	21.19
Sharpe Ratio	-0.17	-0.04	-0.15
Tracking Error	2.52	_	4.07
Information Ratio	-1.12	_	-0.62
Up Capture Ratio	97.66	_	93.36
Down Capture Ratio	106.42	_	100.25

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	31.75	38.46	30.15
Price/Book Ratio	2.27	2.42	2.40
Geom Avg Mkt Cap \$B	23.18	9.35	33.93
ROE	14.09	9.56	17.74



# Vanguard Real Estate Index Admiral VGSLX

Asset Allocation as of 06-30-2024

#### **Morningstar Category** Morningstar Index Real Estate

S&P United States REIT TR USD

Style Analysis as of 06-30-2024

Morningstar Style Box™



### Style Breakdown

Equity

0	15	10	Large
11	40	4	Mid
6	15	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	•	Ве	nchm	ark	[] (	Cate	gory	Αv	erag	е		
٠	Cyclical	99.25	99.13	99.13													
à.	Basic Materials	0.00	0.00	0.34													
•	Consumer Cyclical	0.00	0.13	1.76													
	Financial Services	0.00	0.00	0.43													
à	Real Estate	99.25	99.00	96.60													
NF	Sensitive	0.75	0.87	0.73	0												
	Communication Services	0.72	0.00	0.21	į												
	Energy	0.00	0.00	0.07													
<b>}</b>	Industrials	0.03	0.87	0.21													
2	Technology	0.00	0.00	0.24	İ												
+	Defensive	0.00	0.00	0.16	İ												
7	Consumer Defensive	0.00	0.00	0.06													
	Healthcare	0.00	0.00	0.05	1												
1	Utilities	0.00	0.00	0.05	İ												

Top 15 Holdings as of 06-30-2024 Cumulative % YTD Return % Name % Net Asset Morningstar Sector Vanguard Real Estate II Index 13.43 13.43 Prologis Inc 6.74 20.17 -14.31 Real Estate American Tower Corp 5.89 26.06 -8.46 Real Estate Equinix Inc 4.53 30.59 -5.00 Real Estate Welltower Inc 34.35 16.97 Real Estate 3.76 ① Simon Property Group Inc 3.21 37.56 9.19 Real Estate Digital Realty Trust Inc 3.08 40.64 14.79 Real Estate ① Realty Income Corp 2.95 43.59 -5.77 Real Estate Public Storage 2.95 46.54 -3.72 Real Estate ① Crown Castle Inc 2.75 49.29 -12.47 Real Estate **①** Extra Space Storage Inc 2.13 51.42 -1.05 Real Estate CoStar Group Inc 1.96 53.39 -15.16 Real Estate AvalonBay Communities Inc 1.91 55.29 12.32 Real Estate VICI Properties Inc Ordinary Shares 1.78 57.07 -7.56 Real Estate CBRE Group Inc Class A 1.77 58.84 -4.28 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 11.36 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 85.96% lower than the Target-Date 2020 category average.

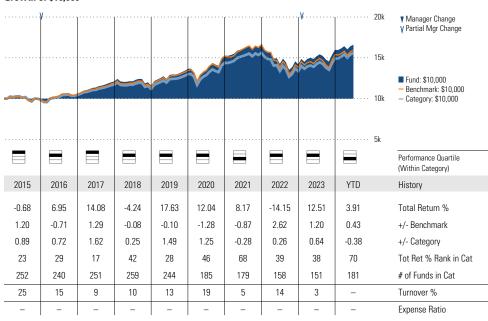
### **Morningstar Investment Management LLC Analysis**

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**

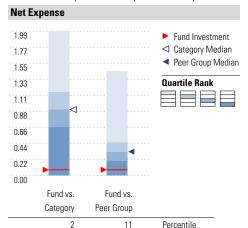
Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



# **Trailing Performance**

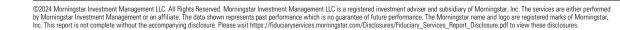




	4/169	37/344	Rank	
Peer group	is a subset of th	e category ar	nd includes fun	ds with the
same mana	agement style (a	ctive vs. pass	ive) and simila	r share class
characteris	etics			

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.14	_	1.04
Beta	0.86	_	0.89
R-Squared	98.91	_	98.50
Standard Deviation	10.20	11.80	10.57
Sharpe Ratio	-0.19	-0.26	-0.19
Tracking Error	1.97	_	1.94
Information Ratio	0.64	_	0.60
Up Capture Ratio	90.31	_	93.06
Down Capture Ratio	83.35	-	86.72

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.94	20.96	20.92
Price/Book Ratio	2.56	2.74	2.78
Avg Eff Duration	5.62	-	5.20





# Vanguard Target Retirement 2020 Fund VTWNX

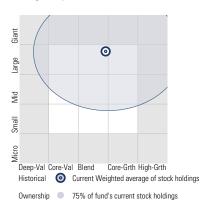
Quality High MidLow

**Morningstar Category** Target-Date 2020

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

### Style Analysis as of 06-30-2024

Morningstar Style Box™



### Style Breakdown

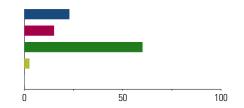
Weight %

Equity				rixeu ii	icome
17	25	31	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Itd	Mod

Duration

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.05	9.23
Cash	2.40	1.85
Bonds	59.93	50.59
Non-US Stocks	14.92	13.06
US Stocks	22.70	25.28
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2024			
		Fund	Bmark	Cat	Fund Benchmark Category Average
<b>Դ</b>	Cyclical	33.49	36.56	34.74	
ů.	Basic Materials	4.45	3.91	4.08	
Д	Consumer Cyclical	10.47	9.93	10.27	
<u></u>	Financial Services	15.75	14.49	15.20	
ŧ	Real Estate	2.82	8.23	5.19	
M	Sensitive	46.87	44.45	46.17	
	Communication Services	7.22	6.72	7.04	
ð	Energy	4.61	4.37	4.69	
<b>Ģ</b>	Industrials	11.70	11.18	11.04	
	Technology	23.34	22.18	23.40	
<b>→</b>	Defensive	19.64	19.00	19.09	
	Consumer Defensive	6.13	5.79	5.67	
٠	Healthcare	10.82	10.49	10.96	
•	Utilities	2.69	2.72	2.46	
				<del></del>	0% 5 10 15 20 25 30 35 40 45 50

<b>Top 7 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	33.85	33.85	_	_
→ Vanguard Total Stock Mkt Idx Instl Pls	_	22.77	56.63	_	_
◆ Vanguard Total Intl Stock Index Inv	_	15.28	71.90	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	14.62	86.52	_	_
◆ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	12.60	99.13	-	-
⊕ Mktliq 12/31/2049	_	0.85	99.98	_	_
⊕ Us Dollar	_	0.02	100.00	_	_

### 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 11.36 years.

Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2025 category average.

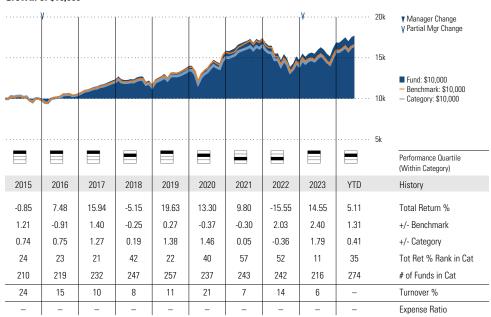
### **Morningstar Investment Management LLC Analysis**

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.

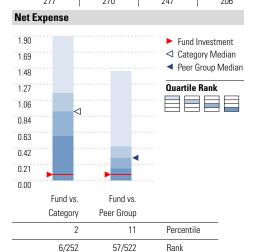
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 06-30-2024 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year 1.26 11.02 1.51 6.12 6.03 6.62 Fund Return % 0.71 9.03 -0.23 4.93 5.12 6.40 Benchmark Return % 0.97 10 02 0.97 5 45 5.35 Category Average % 17 23 24 29 14 % Rank in Category 277 270 247 206 132 # of Funds in Category



3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.67	_	1.11
Beta	0.92	_	0.87
R-Squared	98.93	_	98.16
Standard Deviation	11.79	12.71	11.18
Sharpe Ratio	-0.10	-0.22	-0.16
Tracking Error	1.57	-	2.24
Information Ratio	1.11	-	0.60
Up Capture Ratio	98.06	-	90.73
Down Capture Ratio	88.74	_	84.50

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.98	20.78	21.17
Price/Book Ratio	2.57	2.70	2.81
Avg Eff Duration	5.92	-	5.65



# Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category
Target-Date 2025

Morning

Asset Class

**Morningstar Index** Morningstar Lifetime Mod 2025 TR USD

Net %

31.08

20.13

46.49

2.23

0.06

100.00

Cat%

28.28

13.25

43.66

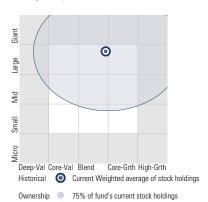
2.37

12.44

100.00

### Style Analysis as of 06-30-2024

Morningstar Style Box™



# US Stocks Non-US Stocks Bonds Cash Other Total

Asset Allocation as of 06-30-2024

#### Sector Weighting as of 06-30-2024 Fund Fund **Bmark** Cat Cyclical 33.43 34.26 A. Basic Materials 4.42 3.99 3.89 Consumer Cyclical 10.47 10.00 10.14 **P** Financial Services 15.72 14.62 14.92 侖 Real Estate 2.82 7.89 Sensitive 46.92 44.47 46.44 **Communication Services** 7.24 6.69 7.18 • Energy 4.62 4.40 4.53 Ф Industrials 11.67 11.30 10.68 23.39 22.08 Technology 24.05 19.65 19.04 19.31 Defensive Consumer Defensive 6.13 5.82 5.71 Healthcare 10.82 10.49 11.00 Utilities 2.70 2.73 2.60 10 35 45

#### Style Breakdown



17	25	31	Large
6	8	5	Mid
2	3	2	Small
Value	Blend	Growth	



Weight %

>50 25-50 10-25 0-10

<b>Top 7 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Instl Pls	_	31.18	31.18	-	_
⊕ Vanguard Total Bond Market II ldx Inv	_	28.71	59.89	_	_
◆ Vanguard Total Intl Stock Index Inv	_	20.62	80.51	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	12.33	92.84	_	_
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	6.20	99.04	_	-
⊕ Mktliq 12/31/2049	-	0.93	99.97	_	_
⊕ Us Dollar	_	0.03	100.00	_	_

### 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 11.36 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

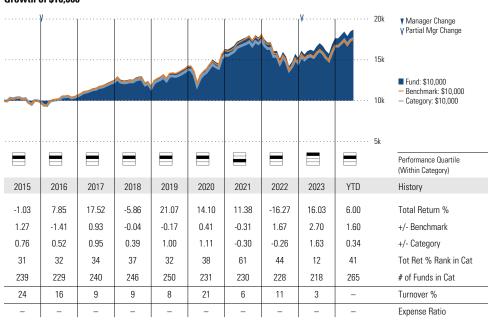
### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000





<b>Net Exp</b>	ense			
1.90				Fund Investment
1.69				Category Median
1.48				◆ Peer Group Median
1.27				Quartile Rank
1.06	- □			
0.84				
0.63				
0.42				
0.21				
0.00				
	Fund vs.	Fur	nd vs.	
	Category	Peer 0	Group	
	3		10	Percentile

	6/243	44/449	Rank	
Peer group	is a subset of	the category an	d includes fun	ds with the
same man	agement style	(active vs. passi	ve) and simila	r share class
characteris	etice			

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.79	_	1.35
Beta	0.94	_	0.90
R-Squared	98.99	_	98.38
Standard Deviation	12.88	13.65	12.43
Sharpe Ratio	-0.04	-0.17	-0.08
Tracking Error	1.54	_	2.08
Information Ratio	1.20	_	0.74
Up Capture Ratio	99.64	_	94.65
Down Capture Ratio	90.42	_	87.66

Fund	Bmark	Cat
20.03	20.60	21.14
2.58	2.67	2.88
6.45	-	5.93
	20.03	20.03 20.60 2.58 2.67

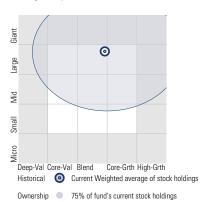


# Vanguard Target Retirement 2030 Fund VTHRX

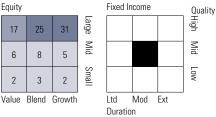
**Morningstar Index** Morningstar Lifetime Mod 2030 TR USD **Morningstar Category** Target-Date 2030

### Style Analysis as of 06-30-2024

Morningstar Style Box™



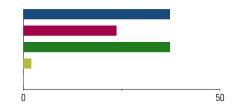
### Style Breakdown



Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.05	14.55
Cash	1.92	1.74
Bonds	37.22	31.96
Non-US Stocks	23.61	16.64
US Stocks	37.19	35.09
Asset Class	Net %	Cat%

Cyclical Basic Materials Consumer Cyclical Financial Services Real Estate	Fund 33.38 4.40 10.47 15.69 2.82	36.39 4.07 10.08 14.78 7.46	32.89 3.97 10.42 15.08 3.42	Func		• Bend	minark		ategory	Averaç	) ()			
Basic Materials Consumer Cyclical Financial Services Real Estate	4.40 10.47 15.69	4.07 10.08 14.78	3.97 10.42 15.08		ď						U			
Consumer Cyclical Financial Services Real Estate	10.47 15.69	10.08 14.78	10.42 15.08		0									
Financial Services Real Estate	15.69	14.78	15.08											
Real Estate														
	2.82	7.46	3 42				-							
•			U. 12			•								
Sensitive	46.97	44.52	47.05											
Communication Services	7.25	6.67	7.16			0								
Energy	4.60	4.45	4.52											
Industrials	11.64	11.43	11.15											
Technology	23.48	21.97	24.22						<b>=</b> []					
Defensive	19.65	19.08	20.07											
Consumer Defensive	6.12	5.83	5.84											
Healthcare	10.83	10.51	11.58											
Utilities	2.70	2.74	2.65											
	Communication Services Energy Industrials Technology  Defensive Consumer Defensive Healthcare	Communication Services         7.25           Energy         4.60           Industrials         11.64           Technology         23.48 <b>Defensive 19.65</b> Consumer Defensive         6.12           Healthcare         10.83	Communication Services         7.25         6.67           Energy         4.60         4.45           Industrials         11.64         11.43           Technology         23.48         21.97           Defensive         19.65         19.08           Consumer Defensive         6.12         5.83           Healthcare         10.83         10.51	Communication Services         7.25         6.67         7.16           Energy         4.60         4.45         4.52           Industrials         11.64         11.43         11.15           Technology         23.48         21.97         24.22           Defensive         19.65         19.08         20.07           Consumer Defensive         6.12         5.83         5.84           Healthcare         10.83         10.51         11.58	Communication Services       7.25       6.67       7.16         Energy       4.60       4.45       4.52         Industrials       11.64       11.43       11.15         Technology       23.48       21.97       24.22         Defensive       19.65       19.08       20.07         Consumer Defensive       6.12       5.83       5.84         Healthcare       10.83       10.51       11.58         Utilities       2.70       2.74       2.65	Communication Services         7.25         6.67         7.16           Energy         4.60         4.45         4.52           Industrials         11.64         11.43         11.15           Technology         23.48         21.97         24.22           Defensive         19.65         19.08         20.07           Consumer Defensive         6.12         5.83         5.84           Healthcare         10.83         10.51         11.58	Communication Services         7.25         6.67         7.16           Energy         4.60         4.45         4.52           Industrials         11.64         11.43         11.15           Technology         23.48         21.97         24.22           Defensive         19.65         19.08         20.07           Consumer Defensive         6.12         5.83         5.84           Healthcare         10.83         10.51         11.58           Utilities         2.70         2.74         2.65	Communication Services 7.25 6.67 7.16  Energy 4.60 4.45 4.52  Industrials 11.64 11.43 11.15  Technology 23.48 21.97 24.22  Defensive 19.65 19.08 20.07  Consumer Defensive 6.12 5.83 5.84  Healthcare 10.83 10.51 11.58  Utilities 2.70 2.74 2.65	Communication Services         7.25         6.67         7.16           Energy         4.60         4.45         4.52           Industrials         11.64         11.43         11.15           Technology         23.48         21.97         24.22           Defensive         19.65         19.08         20.07           Consumer Defensive         6.12         5.83         5.84           Healthcare         10.83         10.51         11.58           Utilities         2.70         2.74         2.65	Communication Services         7.25         6.67         7.16           Energy         4.60         4.45         4.52           Industrials         11.64         11.43         11.15           Technology         23.48         21.97         24.22           Defensive         19.65         19.08         20.07           Consumer Defensive         6.12         5.83         5.84           Healthcare         10.83         10.51         11.58           Utilities         2.70         2.74         2.65	Communication Services 7.25 6.67 7.16  Energy 4.60 4.45 4.52 Industrials 11.64 11.43 11.15  Technology 23.48 21.97 24.22  Defensive 19.65 19.08 20.07  Consumer Defensive 6.12 5.83 5.84  Healthcare 10.83 10.51 11.58  Utilities 2.70 2.74 2.65	Communication Services 7.25 6.67 7.16  Energy 4.60 4.45 4.52  Industrials 11.64 11.43 11.15  Technology 23.48 21.97 24.22  Defensive 19.65 19.08 20.07  Consumer Defensive 6.12 5.83 5.84  Healthcare 10.83 10.51 11.58  Utilities 2.70 2.74 2.65	Communication Services 7.25 6.67 7.16  Energy 4.60 4.45 4.52  Industrials 11.64 11.43 11.15  Technology 23.48 21.97 24.22  Defensive 19.65 19.08 20.07  Consumer Defensive 6.12 5.83 5.84  Healthcare 10.83 10.51 11.58  Utilities 2.70 2.74 2.65	Communication Services 7.25 6.67 7.16  Energy 4.60 4.45 4.52  Industrials 11.64 11.43 11.15  Technology 23.48 21.97 24.22  Defensive 19.65 19.08 20.07  Consumer Defensive 6.12 5.83 5.84  Healthcare 10.83 10.51 11.58  Utilities 2.70 2.74 2.65

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	37.32	37.32	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	26.25	63.57	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	24.18	87.74	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	11.36	99.10	_	_
⊕ Mktliq 12/31/2049	-	0.89	100.00	-	-
⊖ Us Dollar	_	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 11.36 years.

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

Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2035 category average.

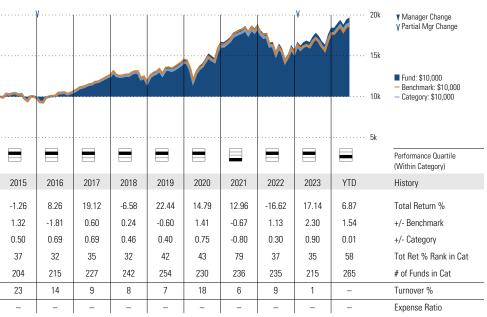
### **Morningstar Investment Management LLC Analysis**

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	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000





Net Expe	ense			
1.93 1.72 1.50 1.29				► Fund Investment  < Category Median  < Peer Group Median  Quartile Rank
1.07	◁			
0.64				
0.21				
	Fund vs. Category	Fund v Peer Grou		
	2	1	1	Percentile

	5/243	57/523	Rank			
Peer group	is a subset of the	e category and i	ncludes funds with the			
same management style (active vs. passive) and similar share class						
characteris	tics.					

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.54	_	1.35
Beta	0.94	_	0.94
R-Squared	99.02	_	98.42
Standard Deviation	13.72	14.58	13.81
Sharpe Ratio	0.01	-0.09	0.00
Tracking Error	1.65	_	1.96
Information Ratio	0.94	_	0.71
Up Capture Ratio	98.05	_	98.00
Down Capture Ratio	90.73	_	91.58

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.08	20.41	21.00
Price/Book Ratio	2.59	2.64	2.84
Avg Eff Duration	6.45	-	6.53



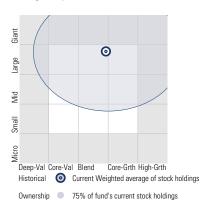
# **Vanguard Target Retirement 2035 Fund** VTTHX

**Morningstar Category** Target-Date 2035

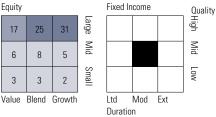
Morningstar Index Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



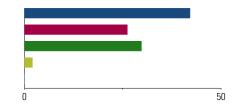
# Style Breakdown



Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.06	12.44
Cash	1.99	1.56
Bonds	29.73	23.51
Non-US Stocks	26.14	20.57
US Stocks	42.09	41.93
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-3	30-2024													
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	( [] Ca	ategory	Avera	ge .			
ŀ	Cyclical	33.31	36.28	33.30											
æ.	Basic Materials	4.38	4.16	3.98		•									
A	Consumer Cyclical	10.46	10.17	10.48				į							
<del>,</del>	Financial Services	15.65	14.96	15.24											
侖	Real Estate	2.82	6.99	3.60			'								
W	Sensitive	47.03	44.60	47.14										- 1	
	Communication Services	7.27	6.67	7.27		,	]								
•	Energy	4.60	4.47	4.60											
Ф	Industrials	11.61	11.57	11.09			<b></b> 0								
	Technology	23.55	21.89	24.18											
<b>→</b>	Defensive	19.66	19.13	19.55											
Ħ	Consumer Defensive	6.11	5.86	5.75											
٠	Healthcare	10.86	10.52	11.21											
•	Utilities	2.69	2.75	2.59											
					0%	5	10	15	20	25	30	35	40	45	50

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	42.24	42.24	-	_
◆ Vanguard Total Intl Stock Index Inv	_	26.75	68.99	_	-
⊕ Vanguard Total Bond Market II ldx Inv	_	20.95	89.95	_	-
⊕ Vanguard Total Intl Bd II ldx Insl	_	9.10	99.04	_	-
⊕ Mktliq 12/31/2049	-	0.95	99.99	_	_
⊕ Us Dollar	_	0.01	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**

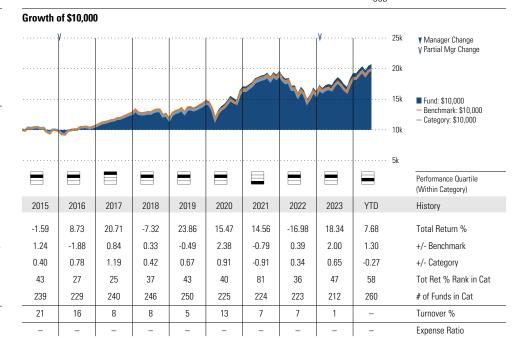
- Performance: The fund has finished in the Target-Date 2040 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2040 category average.

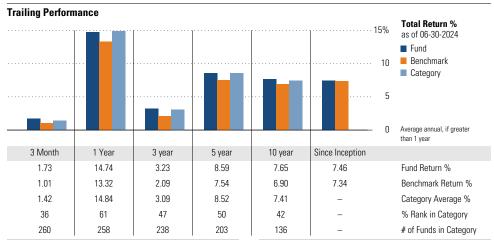
### **Morningstar Investment Management LLC Analysis**

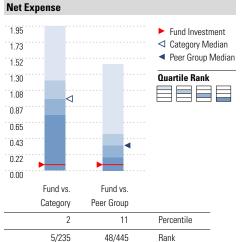
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
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.

Rank

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.18	_	1.11
Beta	0.94	_	0.96
R-Squared	98.95	_	98.40
Standard Deviation	14.55	15.42	14.91
Sharpe Ratio	0.06	-0.01	0.06
Tracking Error	1.77	_	2.06
Information Ratio	0.65	_	0.54
Up Capture Ratio	97.11	_	99.08
Down Capture Ratio	91.84	_	94.20

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.09	20.23	20.81
Price/Book Ratio	2.60	2.61	2.83
Avg Eff Duration	6.44	-	7.04



5/235



# Vanguard Target Retirement 2040 Fund VFORX

Quality

High

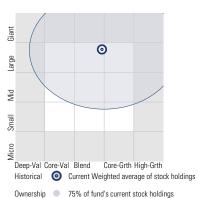
Mid

Low

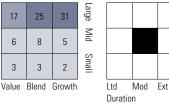
Morningstar Index Morningstar Lifetime Mod 2040 TR USD **Morningstar Category** Target-Date 2040

## Style Analysis as of 06-30-2024

Morningstar Style Box™



## Style Breakdown

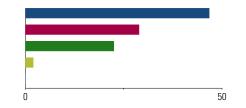


Fixed Income

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.05	12.30
Cash	1.93	1.04
Bonds	22.45	12.79
Non-US Stocks	28.86	24.84
US Stocks	46.71	49.04
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	t	▼ Ben	chmark	[ C	ategory	Avera	ge		
b	Cyclical	33.28	36.19	33.40										
÷.	Basic Materials	4.36	4.24	4.10										
<b>-</b>	Consumer Cyclical	10.46	10.24	10.60										
<u></u>	Financial Services	15.64	15.13	15.44										
b	Real Estate	2.82	6.58	3.26		]								
NF	Sensitive	47.05	44.64	47.02										]
	Communication Services	7.28	6.65	7.14										
•	Energy	4.60	4.52	4.70										
þ	Industrials	11.59	11.68	11.44										
2	Technology	23.58	21.79	23.74										
+	Defensive	19.65	19.16	19.60										
=	Consumer Defensive	6.10	5.88	5.71										
ì	Healthcare	10.86	10.52	11.33										
?	Utilities	2.69	2.76	2.56										

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	46.88	46.88	_	_
Vanguard Total Intl Stock Index Inv	_	29.54	76.42	_	-
Vanguard Total Bond Market II ldx Inv	_	15.82	92.24	_	-
Vanguard Total Intl Bd II Idx Insl	_	6.86	99.10	_	-
① Mktliq 12/31/2049	-	0.89	99.99	-	-
① Us Dollar	-	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

### 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**

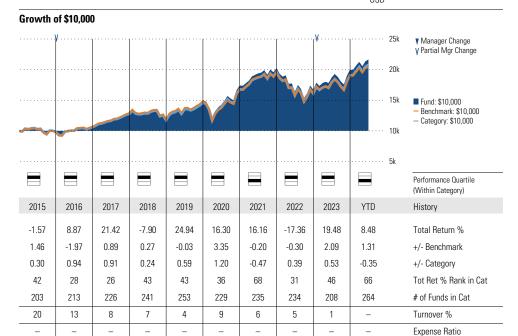
- Performance: The fund has finished in the Target-Date
  2045 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2045 category average.

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

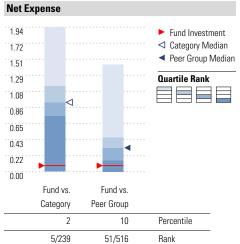
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.04	_	0.90
Beta	0.96	_	0.97
R-Squared	98.87	_	98.34
Standard Deviation	15.41	16.01	15.70
Sharpe Ratio	0.10	0.04	0.09
Tracking Error	1.78	_	2.11
Information Ratio	0.55	_	0.40
Up Capture Ratio	98.62	_	99.98
Down Capture Ratio	94.23	-	96.23

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.06	20.08	20.86
Price/Book Ratio	2.59	2.58	2.80
Avg Eff Duration	6.46	-	7.82



# **Vanguard Target Retirement 2045 Fund** VTIVX

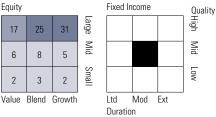
**Morningstar Index** Morningstar Lifetime Mod 2045 TR USD **Morningstar Category** Target-Date 2045

## Style Analysis as of 06-30-2024

Morningstar Style Box™



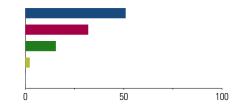
## Style Breakdown



Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.06	12.57
Cash	2.03	0.90
Bonds	15.29	8.93
Non-US Stocks	31.78	25.69
US Stocks	50.84	51.93
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	ł	▼ Ben	chmark	: [] Ca	ategory	Avera	ge	
b	Cyclical	33.34	36.22	33.47									
	Basic Materials	4.38	4.31	4.01		ı)							
4	Consumer Cyclical	10.47	10.29	10.51									
₽	Financial Services	15.66	15.26	15.20									
t	Real Estate	2.83	6.36	3.75									
M	Sensitive	47.02	44.62	47.10									-
┫	Communication Services	7.27	6.62	7.23			]						
ð	Energy	4.60	4.54	4.56									
¢	Industrials	11.61	11.79	11.16									
	Technology	23.54	21.67	24.15									
<b>→</b>	Defensive	19.64	19.16	19.42									
=	Consumer Defensive	6.10	5.89	5.74									
٠	Healthcare	10.85	10.51	11.17									
•	Utilities	2.69	2.76	2.51									

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	51.02	51.02	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	32.54	83.56	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	10.68	94.24	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	-	4.78	99.01	_	_
⊕ Mktliq 12/31/2049	_	0.98	99.99	-	-
⊕ Us Dollar	_	0.01	100.00	_	_

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**

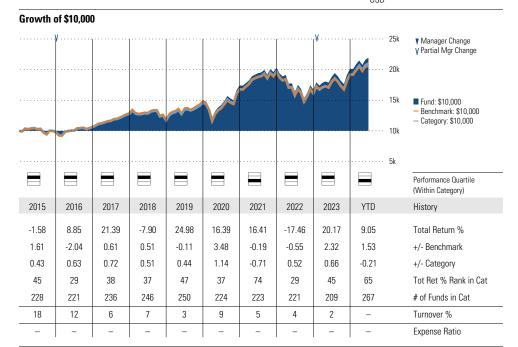
- ❷ Performance: The fund has finished in the Target-Date
  2050 category's top three quartiles in 10 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 87.69% lower than the Target-Date 2050 category average.

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

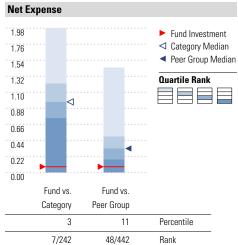
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.12	_	0.84
Beta	0.97	_	0.98
R-Squared	98.81	_	98.25
Standard Deviation	15.82	16.28	16.13
Sharpe Ratio	0.12	0.06	0.11
Tracking Error	1.81	_	2.16
Information Ratio	0.59	_	0.36
Up Capture Ratio	99.82	_	100.84
Down Capture Ratio	95.20	_	97.46

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.01	19.94	20.69
Price/Book Ratio	2.58	2.55	2.77
Avg Eff Duration	6.46	-	7.96



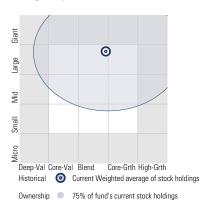
# Vanguard Target Retirement 2050 Fund VFIFX

# Morningstar Category Target-Date 2050

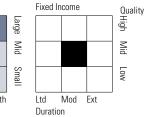
Morningstar Index Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



# Style Breakdown

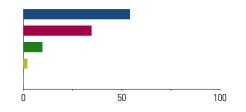


Value Blend Growth

Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.06	10.39
Cash	1.86	0.85
Bonds	9.50	5.53
Non-US Stocks	34.52	28.71
US Stocks	54.06	54.53
Asset Class	Net %	Cat%

_	je _	Average	tegory	Ca	hmark	Benc	•	Fund	Cat	Bmark	Fund		
									33.81	36.37	33.40	Cyclical	,
							ĺ		4.10	4.38	4.41	Basic Materials	2
									10.57	10.33	10.47	Consumer Cyclical	6
									15.41	15.36	15.70	Financial Services	2
							,		3.73	6.30	2.82	Real Estate	ì
									46.76	44.51	46.96	Sensitive	A
									7.12	6.58	7.25	Communication Services	
							ď		4.63	4.57	4.61	Energy	
									11.42	11.86	11.65	Industrials	ŀ
									23.59	21.50	23.45	Technology	l
									19.42	19.13	19.64	Defensive	•
									5.76	5.89	6.11	Consumer Defensive	
									11.17	10.48	10.83	Healthcare	
									2.49	2.76	2.70	Utilities	
	35	30	25	20	15	10	5	0%	2.49	2.76	2.70	Utilities	_

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	54.25	54.25	_	_
◆ Vanguard Total Intl Stock Index Inv	_	35.35	89.59	_	_
◆ Vanguard Total Bond Market II Idx Inv	_	6.61	96.20	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	3.00	99.20	_	_
⊕ Mktliq 12/31/2049	-	0.79	99.99	-	_
⊕ Us Dollar	_	0.01	100.00	_	_

### Total Holdings 6



# Vanguard Target Retirement 2055 Fund VFFVX

**Morningstar Category** Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

# of Funds in Cat

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**

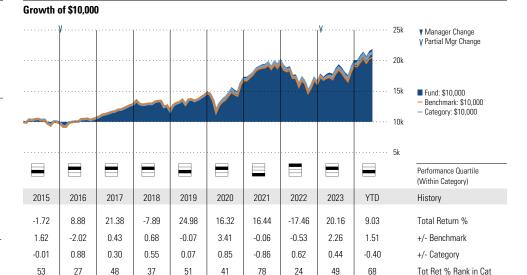
- Performance: The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 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	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



236

5

235

4

209

256

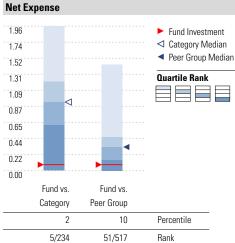
254

3

230

8





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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.16	_	0.99
Beta	0.96	_	0.99
R-Squared	98.77	_	98.22
Standard Deviation	15.83	16.36	16.29
Sharpe Ratio	0.12	0.06	0.12
Tracking Error	1.87	_	2.19
Information Ratio	0.59	_	0.41
Up Capture Ratio	99.57	_	101.82
Down Capture Ratio	94.81	_	97.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.00	19.81	20.78
Price/Book Ratio	2.58	2.52	2.76
Avg Eff Duration	6.45	-	9.13



195

18

211

8

225

5

242

5

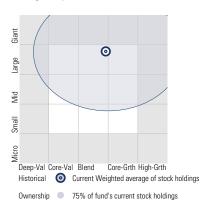
# **Vanguard Target Retirement 2055 Fund** VFFVX

**Morningstar Category** Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 06-30-2024

Morningstar Style Box™



### Style Breakdown



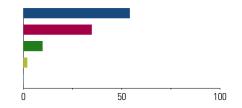




Weight %

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.06	10.51
Cash	1.79	0.83
Bonds	9.59	4.61
Non-US Stocks	34.61	28.25
US Stocks	53.96	55.82
Asset Class	Net %	Cat%

	ctor Weighting as of 06-3		Б	0 .	-		- D		По						
		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	(    Ca	ategory	Avera	ge ,			
Դ	Cyclical	33.41	36.62	33.72											
A.	Basic Materials	4.41	4.44	4.22											
A	Consumer Cyclical	10.47	10.36	10.42											
<del>,</del>	Financial Services	15.71	15.45	15.15			•	<b>O</b>							
æ	Real Estate	2.82	6.37	3.93											
W	Sensitive	46.95	44.33	46.88										•	]
d	Communication Services	7.26	6.54	7.05											
ð	Energy	4.61	4.58	4.72											
Ф	Industrials	11.65	11.91	11.16			<u> </u>		1						
	Technology	23.43	21.30	23.95											
<b>→</b>	Defensive	19.65	19.06	19.39											
	Consumer Defensive	6.11	5.88	5.71											
٠	Healthcare	10.83	10.42	11.25											
•	Utilities	2.71	2.76	2.43		'									
					0%	5	10	15	20	25	30	35	40	45	50

<b>Top 6 Holdings</b> as of 06-30-2024					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Instl Pls	_	54.14	54.14	_	_
Vanguard Total Intl Stock Index Inv	_	35.44	89.58	_	-
Vanguard Total Bond Market II ldx Inv	_	6.70	96.28	_	-
Vanguard Total Intl Bd II Idx Insl	_	3.00	99.27	_	-
⊕ Mktliq 12/31/2049	_	0.71	99.98	_	-
① Us Dollar	_	0.02	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**

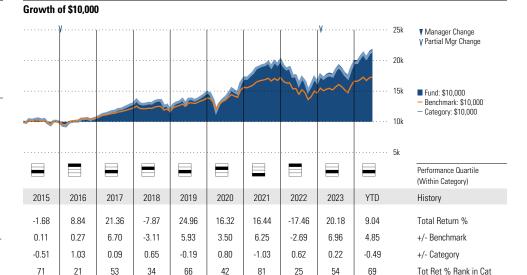
- Performance: The fund has finished in the Target-Date
   2060 category's top three quartiles in 9 of the 10 years it's
   been in existence.
- Management: The fund's management has been in place for 11.36 years.
- Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



215

6

219

3

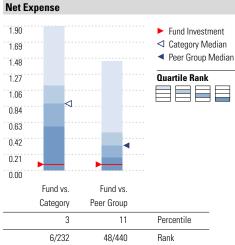
208

254

# of Funds in Cat

Turnover %
Expense Ratio

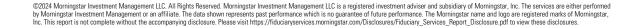




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.01	_	2.93
Beta	1.25	_	1.28
R-Squared	97.72	_	96.58
Standard Deviation	15.81	12.54	16.39
Sharpe Ratio	0.12	-0.12	0.12
Tracking Error	3.91	-	4.68
Information Ratio	0.79	-	0.63
Up Capture Ratio	137.99	_	142.10
Down Capture Ratio	121.85	-	126.56

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.99	19.49	20.24
Price/Book Ratio	2.57	2.42	2.61
Avg Eff Duration	6.46	_	8.66



48

21

112

6

191

3

166

4

209

2

210

6

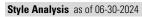


# Vanguard Target Retirement 2060 Fund VTTSX

Asset Allocation as of 06-30-2024

#### **Morningstar Category Morningstar Index** Target-Date 2060

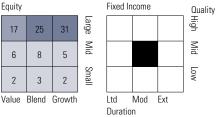
Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™

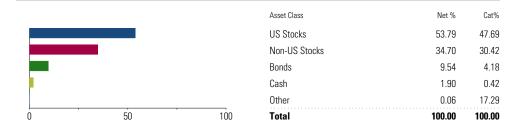


# Style Breakdown



Weight %

>50 25-50 10-25 0-10



	Fund	Bmark	Cat
<b>→</b> Cyclical	33.44	38.24	35.12
Basic Materials	4.43	4.59	4.69
Consumer Cyclical	10.47	10.82	10.28
Financial Services	15.72	16.26	15.55
Real Estate	2.82	6.57	4.60
✓ Sensitive	46.92	41.95	45.79
Communication Services	7.25	5.27	6.75
Energy	4.61	4.82	4.99
Industrials	11.66	12.37	11.38
Technology	23.40	19.49	22.67
→ Defensive	19.65	19.81	19.08
Consumer Defensive	6.12	6.12	5.66
Healthcare	10.83	10.61	11.07
Utilities	2.70	3.08	2.35

<b>Top 6 Holdings</b> as of 06-30-2024						
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector	
① Vanguard Total Stock Mkt Idx Instl Pls	_	53.97	53.97	_	_	
Vanguard Total Intl Stock Index Inv	_	35.54	89.51	_	_	
① Vanguard Total Bond Market II Idx Inv	_	6.65	96.16	_	_	
① Vanguard Total Intl Bd II Idx Insl	_	3.00	99.16	_	_	
① Mktliq 12/31/2049	-	0.82	99.98	-	-	
⊕ Us Dollar	_	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 4 of the 6 years it's
   been in existence.
- Management: The fund's management has been in place for 6.97 years.
- Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2065+ category average.

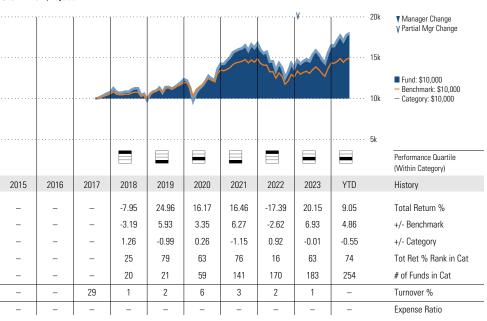
#### **Morningstar Investment Management LLC Analysis**

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.

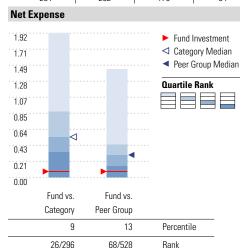
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
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 characteristics.

3-Year KISK Welrics			
	Fund	Bmark	Cat
Alpha	3.03	_	3.02
Beta	1.25	-	1.29
R-Squared	97.70	-	96.52
Standard Deviation	15.81	12.54	16.51
Sharpe Ratio	0.12	-0.12	0.12
Tracking Error	3.91	-	4.80
Information Ratio	0.79	-	0.63
Up Capture Ratio	138.02	-	143.27
Down Capture Ratio	121.75	-	127.22

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.94	19.49	20.41
Price/Book Ratio	2.56	2.42	2.65
Avg Eff Duration	6.45	-	8.99



# Vanguard Target Retirement 2065 Fund VLXVX

Asset Allocation as of 06-30-2024

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

Morningstar Mod Tgt Risk TR USD

Cat%

49.22

30.56

5.67

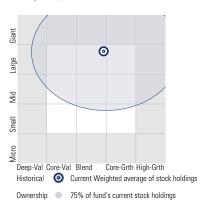
0.94

13.61

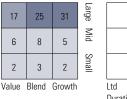
100.00

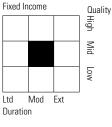
Style Analysis as of 06-30-2024

Morningstar Style Box™

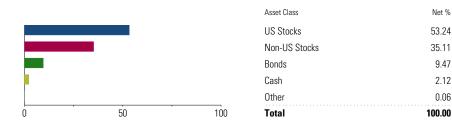








Weight % >50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund		▼ Bend	chmark	] Ca	ategory	Avera	ge	_	
ŀ	Cyclical	33.51	38.24	34.14		÷							1	
ů.	Basic Materials	4.45	4.59	4.56										
4	Consumer Cyclical	10.47	10.82	10.38										
£	Financial Services	15.76	16.26	15.26										
ŧ	Real Estate	2.83	6.57	3.94										
MI	Sensitive	46.86	41.95	46.54										
d	Communication Services	7.23	5.27	7.01										
	Energy	4.62	4.82	4.73										
¢	Industrials	11.69	12.37	11.76				' : :						
3	Technology	23.32	19.49	23.04					•					
<b>→</b>	Defensive	19.64	19.81	19.31										
	Consumer Defensive	6.13	6.12	5.81										
٠	Healthcare	10.81	10.61	11.14										
•	Utilities	2.70	3.08	2.36										

<b>Top 6 Holdings</b> as of 06-30-2024						
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector	
① Vanguard Total Stock Mkt Idx Instl Pls	_	53.41	53.41	_	_	
Vanguard Total Intl Stock Index Inv	-	35.96	89.38	_	_	
① Vanguard Total Bond Market II Idx Inv	-	6.58	95.95	_	_	
① Vanguard Total Intl Bd II Idx Insl	-	3.00	98.95	_	_	
① Mktliq 12/31/2049	-	0.99	99.94	-	-	
⊕ Us Dollar	_	0.06	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 86.89% lower than the Target-Date 2065+ category average.

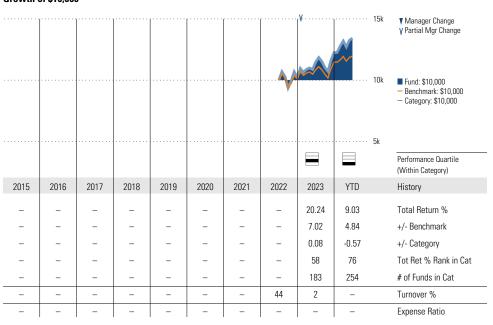
### **Morningstar Investment Management LLC Analysis**

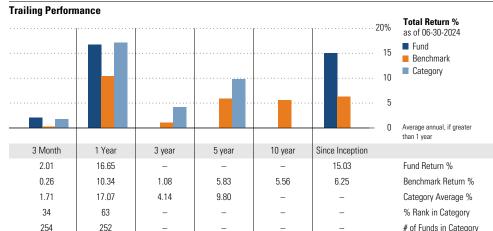
This fund fails the manager tenure screen due to a limited history for this target-date vintage.

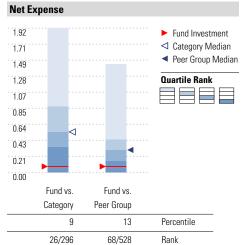
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	05-31-2024
Carbon Risk Score	Low Risk	12-31-2022

### 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
characteristics

3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	_	_	3.02
Beta	_	_	1.29
R-Squared	_	_	96.52
Standard Deviation	_	12.54	16.51
Sharpe Ratio	_	-0.12	0.12
Tracking Error	_	_	4.80
Information Ratio	_	_	0.63
Up Capture Ratio	_	_	143.27
Down Capture Ratio	_	_	127.22

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	19.96	19.49	20.41					
Price/Book Ratio	2.57	2.42	2.65					
Avg Eff Duration	6.44	_	8.99					



# Vanguard Target Retirement 2070 Fund VSVNX

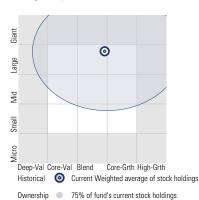
Quality High MidLow

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™



# Style Breakdown

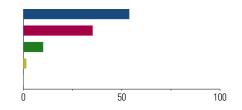
Weight %

Equity				Fixed	Income
17	25	31	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Itd	Mod

>50 25-50 10-25 0-10

Mod Duration

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.06	13.61
Cash	1.29	0.94
Bonds	9.88	5.67
Non-US Stocks	35.07	30.56
US Stocks	53.69	49.22
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 06-	30-2024												
		Fund	Bmark	Cat	Fund •	Bench	nmark	] Ca	itegory	Avera	ge			
<u></u>	Cyclical	33.47	38.24	34.14								•		
ů.	Basic Materials	4.44	4.59	4.56										
A	Consumer Cyclical	10.47	10.82	10.38										
4	Financial Services	15.74	16.26	15.26										
<b>fi</b>	Real Estate	2.82	6.57	3.94										
W	Sensitive	46.89	41.95	46.54										į
	Communication Services	7.24	5.27	7.01										
ð	Energy	4.62	4.82	4.73										
¢	Industrials	11.68	12.37	11.76										
	Technology	23.35	19.49	23.04				<u> </u>	0					
<b>→</b>	Defensive	19.64	19.81	19.31										
=	Consumer Defensive	6.12	6.12	5.81										
٠	Healthcare	10.82	10.61	11.14	_									
•	Utilities	2.70	3.08	2.36										
					0% 5	10	15	20	25	30	35	40	45	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx InstI PIs	_	53.87	53.87	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	35.92	89.78	_	_
⊕ Vanguard Total Bond Market II ldx Inv	_	7.00	96.78	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	2.99	99.77	_	_
⊕ Mktliq 12/31/2049	-	0.13	99.90	-	-
⊕ Us Dollar	_	0.10	100.00	_	_

Total Holdings 6



# Vanguard Target Retirement Income Fund VTINX

**Morningstar Category** Target-Date Retirement Morningstar Index Morningstar Lifetime Mod Incm 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 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 11.36 years.

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

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

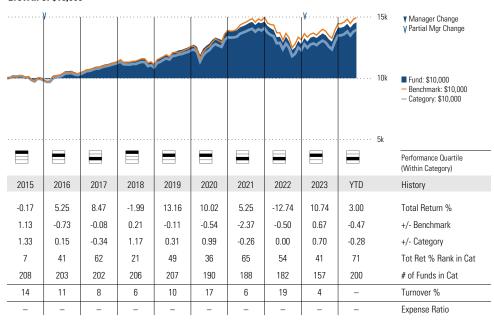
### **Morningstar Investment Management LLC Analysis**

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.

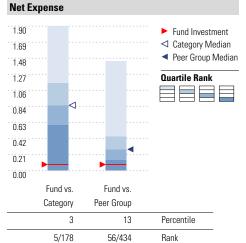
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	05-31-2024
ESG Commitment	1-Low	02-15-2022

### Growth of \$10,000





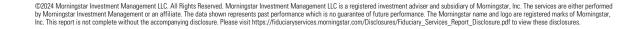


Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.36	_	-0.47
Beta	0.93	_	0.98
R-Squared	97.97	_	96.71
Standard Deviation	8.66	9.17	9.10
Sharpe Ratio	-0.30	-0.23	-0.30
Tracking Error	1.37	_	1.82
Information Ratio	-0.29	_	-0.31
Up Capture Ratio	93.07	_	96.35
Down Capture Ratio	95.87	_	100.07

Fund	Bmark	Cat
19.95	21.34	20.81
2.56	2.82	2.66
5.49	-	6.10
	19.95 2.56	19.95 21.34 2.56 2.82





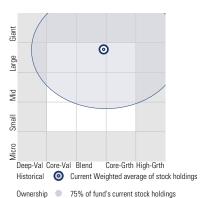
# Vanguard Target Retirement Income Fund VTINX

Quality High MidLow

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

## Style Analysis as of 06-30-2024

Morningstar Style Box™



# Style Breakdown

Weight %

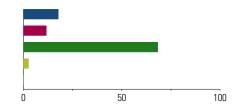
Equity				Fixed In	ncome	
17	25	31	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

Value Blend Growth

>50 25-50 10-25 0-10

### Asset Allocation as of 06-30-2024



Total	100.00	100.00
Other	0.05	12.98
Cash	2.50	4.30
Bonds	68.25	52.37
Non-US Stocks	11.56	9.30
US Stocks	17.64	21.05
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	: [] Ca	ategory	Avera	ge _	
b	Cyclical	33.47	36.37	35.95									
	Basic Materials	4.43	3.74	3.73			1						
-	Consumer Cyclical	10.47	9.81	9.83									
ê	Financial Services	15.76	14.19	14.53									
b	Real Estate	2.81	8.63	7.86			[						į
NI	Sensitive	46.88	44.60	44.65									
	Communication Services	7.24	6.80	6.83									
	Energy	4.63	4.30	4.33									
þ	Industrials	11.67	10.96	10.36						_			
2	Technology	23.34	22.54	23.13									
+	Defensive	19.63	19.03	19.39									
7	Consumer Defensive	6.11	5.79	5.70									
ř	Healthcare	10.81	10.51	10.76									
?	Utilities	2.71	2.73	2.93									

Maria	Material Data	0/ N-+ A+	0	VTD D-+ 0/	M
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Bond Market II Idx Inv	_	36.96	36.96	_	_
⇒ Vanguard Total Stock Mkt Idx InstI PIs	-	17.70	54.65	_	_
	_	16.82	71.47	_	_
⊕ Vanguard Total Intl Bd II Idx Insl	_	15.89	87.36	_	_
⊕ Vanguard Total Intl Stock Index Inv	_	11.84	99.19	_	-
⊕ Mktliq 12/31/2049	_	0.79	99.98	_	_
⊕ Us Dollar	_	0.02	100.00	_	_

### Total Holdings 7

