## AB Global Bond Z ANAZX

#### Portfolio Manager(s)

Scott DiMaggio since 08-2005 Matthew Sheridan since 01-2007 John Taylor since 02-2019

#### **Quantitative Screens**

 Q Performance: The fund has finished in the Global Bond-USD Hedged category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 18.35 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is
 27.14% lower than the Global Bond-USD Hedged category average.

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

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

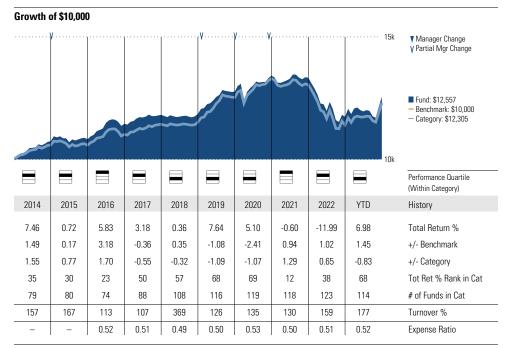
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023

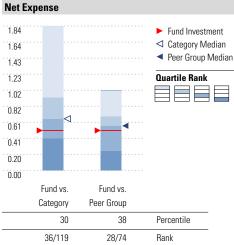
Morningstar Category

Morningstar Index

Global Bond-USD Hedged Bloomberg US Agg Bond TR USD







	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	_	_	_
Standard Deviation	6.16	_	6.41
Sharpe Ratio	_	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	-	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.72	4.43	6.05
Avg Eff Maturity	8.40	-	7.81



## **AB Global Bond Z** ANAZX

# Style Analysis as of 12-31-2023 Style Breakdown Fixed Income Quality G G Ltd Mod Ext Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	46.64	3.53	31.53
AA	18.52	74.59	14.96
A	18.91	10.82	27.45
BBB	22.54	8.32	17.92
BB	1.19	0.28	3.25
В	0.67	0.00	1.49
Below B	0.06	0.00	0.80
Not Rated	-8.53	2.46	2.59

#### Global Bond-USD Hedged Bloomberg US Agg Bond TR USD Asset Allocation as of 12-31-2023 Asset Class Net % Cat% US Stocks 0.06 0.00 Non-US Stocks 0.00 0.01 Bonds 112.58 79.40 Cash -13.35 20.51 Other 0.72 0.08 -50 Ó 50 100 150 Total 100.00 100.00

**Morningstar Category** 

**Morningstar Index** 

	Fund	Bmark	Cat	Fund		Bench	mark	Cate	ιοη, Λνο	rano			
				Tullu		Dench	IIIaik	[] Gatet	JULY AVE	aye		- п	
Government	34.96	-	41.03			1	-	1				[ ]	
Treasury	20.27	_	29.65							0			
Inflation – Protected	2.45	_	1.25										
Agency/Quasi Agency	2.84	_	3.54										
Other Government Related	9.40	_	6.59										
Corporate	14.22	_	10.82										
Corporate Bond	13.88	_	10.68										
Bank Loan	0.01	_	0.11										
Convertible	0.00	_	0.01	İ									
Preferred	0.33	_	0.02	Ď									
Securitized	12.31	-	5.35										
Agency MBS Pass-Through	5.93	_	3.17										
Agency MBS ARM	0.00	_	0.00										
Agency MBS CM0	1.18	_	0.29	()									
Non-Agency Residential MBS	80.0	_	0.14										
Commercial MBS	0.35	_	0.16										
Asset-Backed	2.68	_	1.23										
Covered Bond	2.09	_	0.36	()=									
Municipal	0.26	_	0.06										
Cash & Equivalents	4.42	_	19.92										
Other	33.82	_	22.83										
				0%	5	10	15	20	25	30	35	40	45

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ EUR FWD VS USD 0% 14/12/2023 Purchased	12-2023	24.88	24.88	_
─ EUR FWD VS USD 0% 14/12/2023 Sold	12-2023	24.88	49.76	-
⊕ US 5 Year Note (CBT) Mar14	03-2024	11.18	60.94	-
🌣 Cash Offset	-	11.02	71.96	-
○ U.S. \$ CASH BALANCE 0%	_	7.86	79.82	-
⊖ CAD FWD VS USD 0% 14/12/2023 Sold	12-2023	7.52	87.34	_
○ CAD FWD VS USD 0% 14/12/2023 Purchased	12-2023	7.52	94.86	-
→ KRW FWD VS USD 0% 18/01/2024 Purchased	01-2024	6.58	101.44	-
	01-2024	6.58	108.03	-
Canada (Government of) 3.5%	03-2028	5.46	113.49	_

Total Holdings 1806

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## **Baird Aggregate Bond Inst** BAGIX

#### Morningstar Category Intermediate Core Bond

#### Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

Performance: The fund has finished in the Intermediate
 Core 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 23.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 44.44% lower than the Intermediate Core Bond category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance**



Net Expe	ense		
4.62			► Fund Investment
4.11			Category Median
3.59			<ul> <li>Peer Group Median</li> </ul>
3.08			Quartile Rank
2.57			
2.05			
1.54			
1.03	✓		
0.51		~~~	
0.00			
1	Fund vs.	Fund vs.	
C	Category	Peer Group	
	26	36	Percentile
-	147/577	156/434	Rank

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	7.38	-	7.20
Sharpe Ratio	_	-	_
Tracking Error	-	-	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.15	4.43	5.99
Avg Eff Maturity	8.34	-	8.56



## **Baird Aggregate Bond Inst** BAGIX

Inst BAGIX

Asset Allocation as of 12-31-2023

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





Total	100.00	100.00
Other	0.14	2.48
Cash	1.31	2.18
Bonds	98.55	95.29
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.06
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	12.90	3.53	27.80
AA	50.80	74.59	41.94
A	13.60	10.82	13.94
BBB	22.60	8.32	13.42
BB	0.10	0.28	0.68
В	0.00	0.00	0.33
Below B	0.00	0.00	0.44
Not Rated	0.00	2.46	1.46

				0%	5	10	15	20	25	30	35	40
Other	0.00	_	1.55									
Cash & Equivalents	1.12	-	3.99									
Municipal	0.61	-	0.99									
Covered Bond	0.00	-	0.00									
Asset-Backed	7.11	_	5.02									
Commercial MBS	4.45	_	0.41	()								
Non-Agency Residential MBS	0.62	_	0.48	()								
Agency MBS CMO	2.01	_	1.85									
Agency MBS ARM	0.00	_	0.24									
Agency MBS Pass-Through	23.50	_	29.51					- 1				
Securitized	37.69	_	37.51		-	:	-		:	:	-	(
Preferred	0.00	_	0.20									
Convertible	0.00	_	0.00									
Bank Loan	0.00	_	0.03									
Corporate Bond	38.03	_	24.36		:	:	:			:	:	
Corporate	38.03	_	24.59									
Other Government Related	0.00	_	2.55	i [								
Agency/Quasi Agency	0.00	_	0.90	iΠ								
Inflation – Protected	0.00	_	1.15									
Treasury	22.55	_	26.75						ı : [			
Government	22.55	_	31.35					37				
	Fund	Bmark	Cat	Fund		Benchma	rk II C	ategory	Average			

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.13%	10-2026	4.25	4.25	_
United States Treasury Bonds 2.5%	02-2045	2.83	7.08	_
United States Treasury Bonds 2.88%	05-2043	2.03	9.10	_
⊕ United States Treasury Notes 2.38%	03-2029	1.99	11.09	_
United States Treasury Bonds 1.38%	11-2040	1.60	12.69	-
⊕ United States Treasury Notes 4.13%	08-2030	1.55	14.24	_
⊕ United States Treasury Bonds 2.88%	05-2052	1.53	15.77	_
⊕ United States Treasury Bonds 2.38%	02-2042	1.51	17.27	_
⊖ First American Government Obligs U	02-2030	1.05	18.32	_
─ United States Treasury Notes 1.13%	08-2028	0.92	19.24	_

Total Holdings 1757

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



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

Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 23.27 years.

Style Consistency is not calculated for Fixed Income funds.

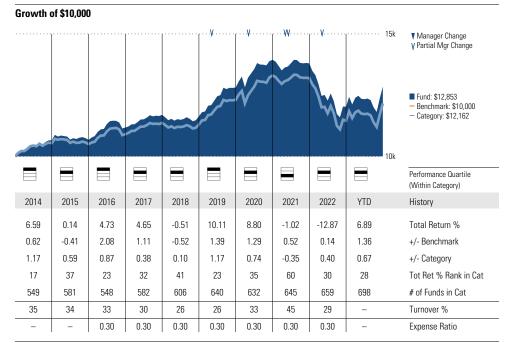
Net Expense: The fund's expense ratio of 0.3 is 59.46% lower than the Intermediate Core-Plus Bond category average.

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

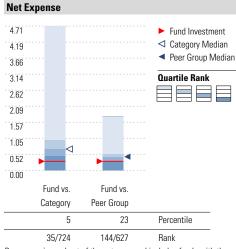
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
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 $% \left( 1\right) =\left( 1\right) \left( 1\right) $
characteristics

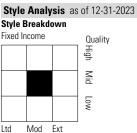
3- Tear hisk wiellies			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	7.26	_	7.49
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.91	4.43	6.18
Avg Eff Maturity	8.08	_	8.87



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

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



lown	
	Quality
	High
	Mid
	Low
Fyt	
LAL	
	Ext

<b>Asset Allocatio</b>	on as of 12-31-2023	
1		
ļ	 50	100
U	00	100

Asset Class         Net %         Cat%           US Stocks         0.02         0.03           Non-US Stocks         0.00         0.00           Bonds         98.80         95.53           Cash         1.13         3.27           Other         0.05         1.18	Total	100.00	100.00
US Stocks         0.02         0.03           Non-US Stocks         0.00         0.00           Bonds         98.80         95.53	Other	0.05	1.18
US Stocks 0.02 0.03  Non-US Stocks 0.00 0.00	Cash	1.13	3.27
US Stocks 0.02 0.03	Bonds	98.80	95.53
	Non-US Stocks	0.00	0.00
Asset Class Net % Cat%	US Stocks	0.02	0.03
	Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	12.80	3.53	33.76
AA	39.80	74.59	26.40
A	13.60	10.82	11.24
BBB	30.80	8.32	17.98
BB	2.40	0.28	4.22
В	0.10	0.00	1.53
Below B	0.10	0.00	0.69
Not Rated	0.40	2.46	4.18

		Б	0 :	- ·	_		П ~				
	Fund	Bmark	Cat	Fund	▼ B	enchmark	[] Ca	ategory	Avera	ge	
Government	19.25	-	26.88								
Treasury	19.25	-	17.06								
Inflation – Protected	0.00	-	0.43	0							
Agency/Quasi Agency	0.00	_	0.32	0							
Other Government Related	0.00	_	9.07								
Corporate	46.39	-	26.57								
Corporate Bond	46.38	_	25.83								
Bank Loan	0.00	_	0.26								
Convertible	0.01	_	0.06	0							
Preferred	0.00	_	0.42	0							
Securitized	32.20	-	38.22								
Agency MBS Pass-Through	19.18	_	24.69								
Agency MBS ARM	0.00	_	0.06	Ö							
Agency MBS CMO	1.65	_	2.83								
Non-Agency Residential MBS	0.54	_	0.23								
Commercial MBS	4.52	_	1.25								
Asset-Backed	6.31	_	9.16								
Covered Bond	0.00	_	0.00								
Municipal	1.09	-	0.49	0							
Cash & Equivalents	1.06	-	5.70								
Other	0.00	_	1.99	1 [							

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.13%	10-2026	3.22	3.22	_
United States Treasury Bonds 2.5%	02-2045	2.66	5.89	_
United States Treasury Bonds 2.88%	05-2043	2.07	7.95	_
⊕ United States Treasury Notes 2.38%	03-2029	1.47	9.43	_
⊕ United States Treasury Notes 4.38%	08-2026	1.33	10.76	_
⊕ United States Treasury Bonds 2.38%	02-2042	1.29	12.05	_
⊕ United States Treasury Notes 4.13%	08-2030	1.28	13.33	_
⊕ United States Treasury Bonds 2.88%	05-2052	1.20	14.52	_
United States Treasury Bonds 1.38%	11-2040	1.09	15.61	_
⊕ United States Treasury Bonds 3.38%	08-2042	1.05	16.67	_

Total Holdings 1557

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## **DFA US Core Equity 1 I** DFEOX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

#### Portfolio Manager(s)

Jed Fogdall since 02-2012 John Hertzer since 02-2022 Mary Phillips since 02-2022

#### **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 11.85 years.

Net Expense: The fund's expense ratio of 0.14 is 81.33% lower than the Large Blend category average.

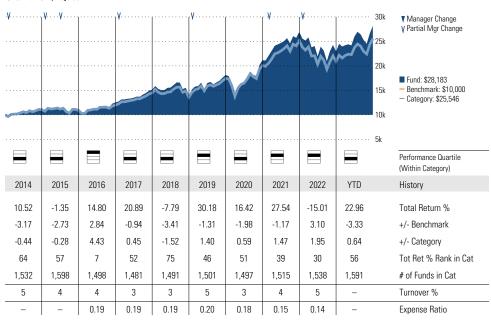
#### **Morningstar Investment Management LLC Analysis**

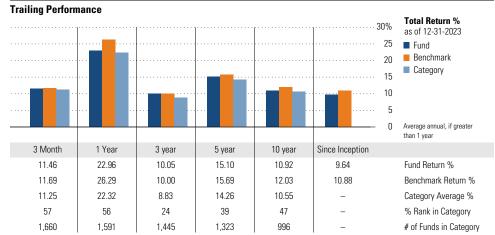
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

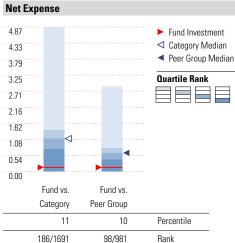
#### **ESG Metrics**

Metric	tric Rating						
Sustainability Rating	2	11-30-2023					
Carbon Risk Score	Medium Risk	12-31-2022					

#### Growth of \$10,000

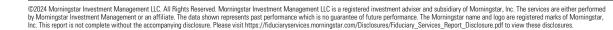






3-1 cai nisk ivicuits			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	_	-	-
R-Squared	_	_	_
Standard Deviation	17.53	-	17.04
Sharpe Ratio	_	-	-
Tracking Error	_	-	-
Information Ratio	_	-	-
Up Capture Ratio	_	-	-
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.97	23.61	22.67
Price/Book Ratio	3.13	4.19	4.67
Geom Avg Mkt Cap \$B	84.52	241.61	282.66
ROE	28.54	31.50	30.87



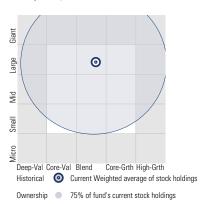


## **DFA US Core Equity 1 I** DFEOX

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

#### Style Analysis as of 12-31-2023

Morningstar Style Box™



#### Style Breakdown

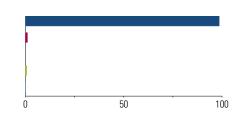
Equity

14	23	23	Large
8	11	5	MIG
6	7	4	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

Total	100 00	100 00
Other	0.01	1.24
Cash	0.56	1.50
Bonds	0.00	-0.53
Non-US Stocks	0.93	2.42
US Stocks	98.51	95.35
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchma	ark [	Cate	jory Av	verage		
b	Cyclical	29.01	28.24	28.24									
ů.	Basic Materials	3.37	2.19	2.75									
4	Consumer Cyclical	11.32	11.01	10.16									
£	Financial Services	14.03	12.52	13.17									
ŧ	Real Estate	0.29	2.52	2.16	1 [								
MI	Sensitive	51.59	50.65	49.61									
	Communication Services	7.45	8.58	8.09									
•	Energy	6.50	3.89	4.29									
ф	Industrials	12.60	8.37	9.99						1			
2	Technology	25.04	29.81	27.24									
<b>→</b>	Defensive	19.39	21.12	22.15				_ [					
	Consumer Defensive	6.18	6.11	6.37									
٠	Healthcare	11.08	12.67	13.60									
•	Utilities	2.13	2.34	2.18									

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.08	5.08	57.96	Technology
Apple Inc	4.99	10.07	48.91	Technology
Amazon.com Inc	2.21	12.28	80.88	Consumer Cyclical
NVIDIA Corp	1.87	14.15	238.98	Technology
Meta Platforms Inc Class A	1.59	15.74	194.13	Communication Svc
Exxon Mobil Corp	1.43	17.17	-6.02	Energy
Alphabet Inc Class A	1.27	18.44	58.32	Communication Svc
JPMorgan Chase & Co	1.13	19.58	29.87	Financial Services
Berkshire Hathaway Inc Class B	1.13	20.71	15.46	Financial Services
Alphabet Inc Class C	1.13	21.84	58.83	Communication Svc
Eli Lilly and Co	1.01	22.85	60.57	Healthcare
⇒ Broadcom Inc	0.99	23.84	103.05	Technology
⊕ Ssc Government Mm Gvmxx	0.87	24.71	-	-
⊕ Johnson & Johnson	0.87	25.57	-8.61	Healthcare
→ Future on E-mini S&P 500 Futures	0.85	26.42	_	_

#### Total Holdings 2667

⊕ Increase ⊕ Decrease ☼ New to Portfolio



## Federated Hermes Govt Ultrashort R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

Performance: The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 7 years it's been in existence.

Management: The fund's management has been in place for 26.49 years.

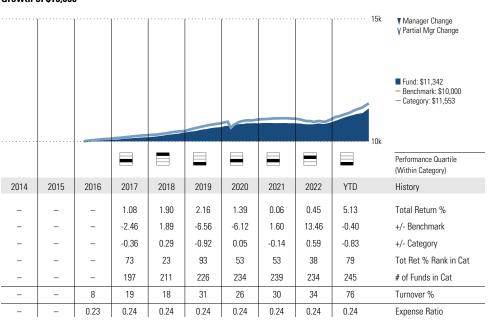
Style Consistency is not calculated for Fixed Income funds.

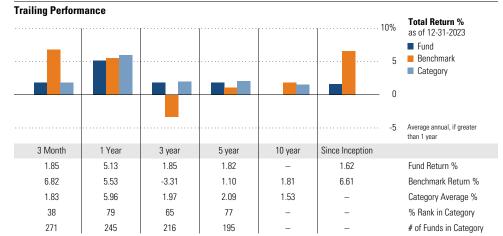
Net Expense: The fund's expense ratio of 0.24 is 41.46% lower than the Ultrashort Bond category average.

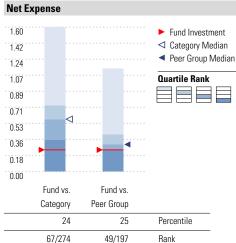
#### **Morningstar Investment Management LLC Analysis**

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

#### Growth of \$10,000







3-1 cai mak memea			
	Fund	Bmark	Cat
Alpha	_	-	-
Beta	_	-	-
R-Squared	_	-	_
Standard Deviation	0.86	_	1.19
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	-	_
Down Capture Ratio	_	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.57	4.43	1.00
Avg Eff Maturity	_	_	1.62



Duration

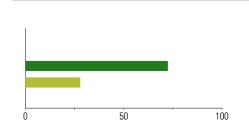
## Federated Hermes Govt Ultrashort R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 12-31-2023





Asset Allocation as of 12-31-2023

100.00	100.00
0.00	-0.67
27.72	43.34
72.28	56.14
0.00	0.41
0.00	0.77
Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	44.82
AA	0.00	74.59	17.31
А	0.00	10.82	16.11
BBB	0.00	8.32	17.65
BB	0.00	0.28	1.86
В	0.00	0.00	0.80
Below B	0.00	0.00	0.23
Not Rated	0.00	2.46	1.21

Sector Weighting as of 12-	31-2023															
	Fund	Bmark	Cat	Fund	•	Ben	chmar	k [	Cat	egor	y Ave	erage				
Government	3.96	-	19.93													
Treasury	2.16	_	15.82													
Inflation – Protected	0.00	_	0.00	ĺ												
Agency/Quasi Agency	1.80	_	1.98													
Other Government Related	0.00	_	2.13													
Corporate	0.00	-	27.77					[								
Corporate Bond	0.00	_	27.07													
Bank Loan	0.00	_	0.63	0												
Convertible	0.00	_	0.05													
Preferred	0.00	_	0.02	İ												
Securitized	68.84	-	23.06													
Agency MBS Pass-Through	6.52	_	0.37													
Agency MBS ARM	0.09	_	0.25													
Agency MBS CMO	62.23	_	1.87													
Non-Agency Residential MBS	0.00	_	0.04													
Commercial MBS	0.00	_	2.46													
Asset-Backed	0.00	_	18.07													
Covered Bond	0.00	_	0.00													
Municipal	0.00	-	0.66													
Cash & Equivalents	27.20	-	26.78													
Other	0.00	-	1.76	[]												
				0% 5	10	15	20	25	30	35	40	45	50	55	60	65 70

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Hsbc Repo 2 Repo	10-2023	10.58	10.58	_
⊕ Bank Of Montreal 2 Repo	10-2023	10.58	21.16	_
⊕ Bofam Repo 1 Repo	10-2023	6.04	27.20	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.97135%	04-2033	5.60	32.80	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.82135%	12-2032	4.57	37.36	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.87135%	12-2032	4.21	41.57	_
⊕ Government National Mortgage Association 5.12871%	01-2073	3.76	45.33	_
→ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.96495%	07-2053	3.48	48.81	_
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19135%	10-2032	3.17	51.97	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 6.19135%	11-2032	2.76	54.74	_

Total Holdings 191

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

#### Portfolio Manager(s)

Greg Sharenow since 11-2018 Stephen Rodosky since 01-2019 Andrew Dewitt since 02-2022

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 5.17 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.99 is 3.88% lower than the Commodities Broad Basket category average.

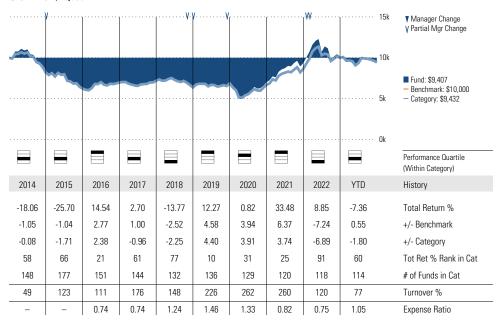
#### **Morningstar Investment Management LLC Analysis**

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

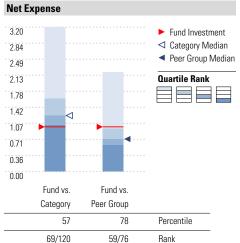
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	06-30-2023

#### 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 Metrics			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	_	_	-
R-Squared	_	_	-
Standard Deviation	18.05	_	16.44
Sharpe Ratio	_	_	-
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	-	_	-
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.27	_	7.93
Price/Book Ratio	3.56	_	1.87
Geom Avg Mkt Cap \$B	16.44	_	44.07
ROE	29.97	-	27.17

Daniel II. Madel

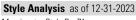


## PIMCO Commodity Real Ret Strat Instl PCRIX

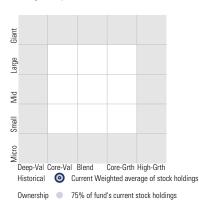
## **Morningstar Category**Commodities Broad Basket Bloom

Morningstar Index

Bloomberg Commodity TR USD



Morningstar Style Box™





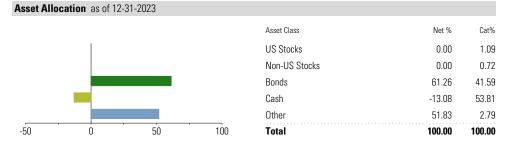
Equity



value Dieliu C

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund	▼ Be	enchma	rk [	Cate	gory Av	/erage		
ŀ	Cyclical	-	-	44.68									
A.	Basic Materials	-	_	44.68									
Д	Consumer Cyclical	_	_	0.00	Ó								
÷	Financial Services	_	_	0.00	0								
à	Real Estate	_	_	0.00	0								
M	Sensitive	-	-	51.07									
	Communication Services	-	_	0.00	Ò								
ð	Energy	-	_	48.94									
Ф	Industrials	_	_	2.13									
	Technology	_	_	0.00									
<b>→</b>	Defensive	-	-	4.26									
=	Consumer Defensive	-	_	4.26									
٠	Healthcare	_	_	0.00									
•	Utilities	_	_	0.00	j i								

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊇ 2 Year Treasury Note Future Dec 23	20.14	20.14	_	_
⊕ Euro Schatz Future Dec 23	15.33	35.47	_	_
⊕ United States Treasury Notes 0.125%	14.26	49.73	_	_
🌣 Cash Offset	11.03	60.76	_	_
⊕ 5 Year Treasury Note Future Dec 23	10.34	71.11	-	_
	9.34	80.45	_	_
⊕ United States Treasury Notes 0.125%	8.53	88.98	_	_
→ EUROPEAN MONETARY UNION EURO Purchased	7.93	96.91	_	_
→ EUROPEAN MONETARY UNION EURO Sold	7.93	104.84	_	_
⊕ Pimco Cayman Cmdty Fd Ltd Instl	7.50	112.34	-	_
	7.44	119.78	_	_
⊕ IRS EUR 3.00000 03/20/24-10Y LCH Pay	7.26	127.04	-	_
⊕ IRS EUR 3.00000 03/20/24-10Y LCH Receive	7.06	134.10	-	_
⊕ United States Treasury Notes 0.5%	6.95	141.05	_	_
⊕ TRS R 5.49/91282CDC2 BPS	6.82	147.87	_	_

**Total Holdings 829** 

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



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

Morningstar Category
Large Growth

Morningstar Index

Russell 1000 Growth TR USD

#### Portfolio Manager(s)

Management Team since 07-1999

#### **Quantitative Screens**

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

- Management: The fund's management has been in place for 24.52 years.
- Style: The fund has landed in its primary style box Large Growth 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.04 is 95.7% lower than the Large Growth category average.

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

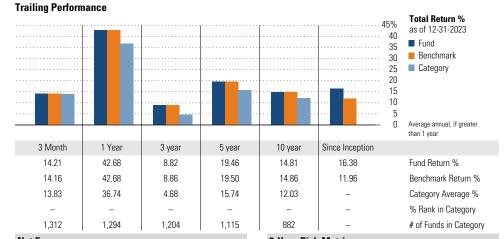
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

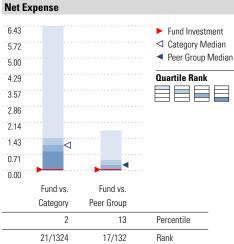
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	-	-	_
Standard Deviation	20.80	-	21.31
Sharpe Ratio	-	-	_
Tracking Error	-	-	_
Information Ratio	-	-	_
Up Capture Ratio	-	-	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	32.96	33.00	31.29
Price/Book Ratio	10.87	10.90	8.04
Geom Avg Mkt Cap \$B	428.29	427.90	440.36
ROE	40.32	40.31	34.88



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

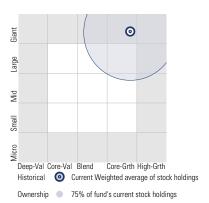
## Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

#### Style Analysis as of 12-31-2023

Morningstar Style Box™



#### Style Breakdown

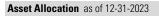
Equity

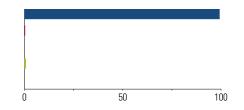
2	18	67	Large
0	5	6	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.97
Cash	0.61	1.44
Bonds	0.00	0.00
Non-US Stocks	0.21	4.32
US Stocks	99.18	93.27
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchmar	k []	Cateo	jory A	verag	je		
Ն	Cyclical	23.42	23.41	25.84										
ů.	Basic Materials	0.65	0.65	1.27	Ň									
4	Consumer Cyclical	15.71	15.72	14.45			í							
ê	Financial Services	6.11	6.09	8.88	<b>"</b>									
t	Real Estate	0.95	0.95	1.24	Ĭ									
M	Sensitive	61.73	61.76	57.71										
	Communication Services	11.36	11.36	11.14										
•	Energy	0.51	0.50	1.52	i [									
<b>\$</b>	Industrials	5.22	5.21	6.11										
1	Technology	44.64	44.69	38.94								_		
<b>→</b>	Defensive	14.85	14.83	16.45										
	Consumer Defensive	4.14	4.14	3.10		_								
۲	Healthcare	10.64	10.63	13.04										
•	Utilities	0.07	0.06	0.31	i									

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ranie	/0 NGL ASSEC	Guillalative /0	TTD Hetuiii /0	Morningstal Sector
Apple Inc	11.83	11.83	48.91	Technology
	11.66	23.48	57.96	Technology
⊕ Amazon.com Inc	5.70	29.19	80.88	Consumer Cyclical
⊕ NVIDIA Corp	4.91	34.09	238.98	Technology
⊕ Alphabet Inc Class A	3.46	37.55	58.32	Communication Svc
⊕ Meta Platforms Inc Class A	3.26	40.82	194.13	Communication Svc
⊕ Alphabet Inc Class C	2.95	43.77	58.83	Communication Svc
⊕ Tesla Inc	2.86	46.63	101.72	Consumer Cyclical
⊕ Eli Lilly and Co	2.06	48.68	60.57	Healthcare
⊕ Broadcom Inc	2.01	50.69	103.05	Technology
⊕ Visa Inc Class A	1.73	52.42	26.21	Financial Services
⊕ UnitedHealth Group Inc	1.72	54.14	0.68	Healthcare
	1.48	55.62	23.31	Financial Services
⊕ The Home Depot Inc	1.45	57.06	12.36	Consumer Cyclical
⊕ Costco Wholesale Corp	1.22	58.28	48.75	Consumer Defensive

#### **Total Holdings 443**

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



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

Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD

#### Portfolio Manager(s)

Management Team since 09-2009

#### **Quantitative Screens**

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

- Management: The fund's management has been in place for 14.33 years.
- Style: The fund has landed in its primary style box Small Value 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.05 is 95.54% lower than the Small Value category average.

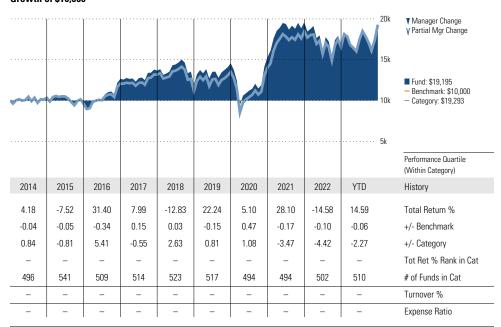
#### **Morningstar Investment Management LLC Analysis**

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

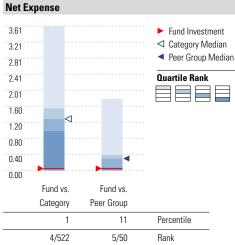
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000







3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	22.07	_	21.58
Sharpe Ratio	_	_	-
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.03	11.08	13.11
Price/Book Ratio	1.33	1.33	1.61
Geom Avg Mkt Cap \$B	2.08	2.06	4.28
ROE	6.10	6.04	13.93



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

## Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

#### Style Analysis as of 12-31-2023

Morningstar Style Box™



#### Style Breakdown

Equity

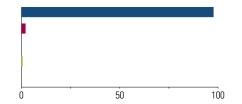
-quit,			
0	0	0	Large
0	1	0	Mid
49	39	10	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.00	0.07
Cash	0.45	3.27
Bonds	0.00	0.10
Non-US Stocks	1.94	3.13
US Stocks	97.61	93.45
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
b	Cyclical	53.03	52.87	50.05	
ė.	Basic Materials	5.03	5.10	6.35	
<b>-</b>	Consumer Cyclical	10.96	10.91	14.59	
ê	Financial Services	24.26	24.11	23.02	
b	Real Estate	12.78	12.75	6.09	
NF	Sensitive	30.97	30.99	37.51	
	Communication Services	2.30	2.22	1.87	
•	Energy	8.83	8.86	8.17	0
þ	Industrials	12.43	12.49	18.00	
1	Technology	7.41	7.42	9.47	
+	Defensive	16.01	16.14	12.42	
Ę	Consumer Defensive	3.28	3.31	4.26	
r	Healthcare	8.85	8.97	5.52	
2	Utilities	3.88	3.86	2.64	

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ E-Mini Russ 2000 Mar24 Xcme 20240315	0.58	0.58	_	_
⊕ Chord Energy Corp Ordinary Shares - New	0.53	1.11	30.19	Energy
⊕ SouthState Corp	0.49	1.60	13.27	Financial Services
→ UFP Industries Inc	0.49	2.09	59.81	Basic Materials
⊕ Murphy Oil Corp	0.48	2.57	1.74	Energy
⊕ Meritage Homes Corp	0.48	3.05	90.11	Consumer Cyclical
⊕ Commercial Metals Co	0.44	3.50	4.93	Basic Materials
⊕ State Street Corporation Short Term Investment Fund	0.43	3.93	_	_
→ Civitas Resources Inc Ordinary Shares	0.42	4.35	31.16	Energy
⊕ Essent Group Ltd	0.42	4.77	38.22	Financial Services
⊕ Taylor Morrison Home Corp	0.42	5.19	75.78	Consumer Cyclical
⊕ Cadence Bank	0.41	5.61	23.80	Financial Services
⊕ BellRing Brands Inc Class A	0.41	6.02	116.19	Consumer Defensive
	0.41	6.42	0.47	Energy
⊕ Terreno Realty Corp	0.40	6.82	13.19	Real Estate

#### **Total Holdings 1401**

⊕ Increase ⊝ 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

Management: The fund's management has been in place for 6.09 years.

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

Net Expense: The fund's expense ratio of 0.04 is 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	11-30-2023
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			<ul> <li>Peer Group Median</li> </ul>
3.25			Quartile Rank
2.71			
2.16			
1.62			
1.08	4		
0.54			
0.00		····•	
1	Fund vs.	Fund vs.	
C	Category	Peer Group	
	6	32	Percentile
10	01/1691	165/518	Rank

3-1 cai nisk inchics			
	Fund	Bmark	Cat
Alpha	_	-	-
Beta	_	-	-
R-Squared	_	-	-
Standard Deviation	17.54	-	17.04
Sharpe Ratio	_	-	-
Tracking Error	_	-	-
Information Ratio	_	-	-
Up Capture Ratio	_	-	-
Down Capture Ratio	-	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.61	23.61	22.67
Price/Book Ratio	4.20	4.19	4.67
Geom Avg Mkt Cap \$B	241.88	241.61	282.66
ROE	31.53	31.50	30.87



## Vanguard 500 Index Admiral VFIAX

Asset Allocation as of 12-31-2023

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

Net %

99.17

0.56

0.00

0.27

0.00

100.00

Cat%

95.35

2.42

-0.53

1.50

1.24

100.00

#### Style Analysis as of 12-31-2023

Morningstar Style Box™



#### Style Breakdown

Equity

15	24	43	Laige
6	9	3	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



				_	- ·
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
b	Cyclical	28.24	28.24	28.24	
A.	Basic Materials	2.20	2.19	2.75	
<b>A</b>	Consumer Cyclical	11.02	11.01	10.16	
	Financial Services	12.50	12.52	13.17	
<b>fi</b>	Real Estate	2.52	2.52	2.16	
M	Sensitive	50.64	50.65	49.61	
	Communication Services	8.58	8.58	8.09	
ð	Energy	3.89	3.89	4.29	
Ф	Industrials	8.36	8.37	9.99	
	Technology	29.81	29.81	27.24	
<b>→</b>	Defensive	21.13	21.12	22.15	
=	Consumer Defensive	6.11	6.11	6.37	
٠	Healthcare	12.67	12.67	13.60	
•	Utilities	2.35	2.34	2.18	

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.02	7.02	48.91	Technology
	6.97	13.99	57.96	Technology
⊕ Amazon.com Inc	3.44	17.43	80.88	Consumer Cyclical
⊕ NVIDIA Corp	3.05	20.48	238.98	Technology
	2.06	22.54	58.32	Communication Svc
⊕ Meta Platforms Inc Class A	1.96	24.50	194.13	Communication Svc
	1.75	26.25	58.83	Communication Svc
⊕ Tesla Inc	1.71	27.96	101.72	Consumer Cyclical
→ Berkshire Hathaway Inc Class B	1.62	29.58	15.46	Financial Services
∋ JPMorgan Chase & Co	1.23	30.81	29.87	Financial Services
⊕ Broadcom Inc	1.22	32.03	103.05	Technology
⊕ UnitedHealth Group Inc	1.21	33.24	0.68	Healthcare
⊕ Eli Lilly and Co	1.16	34.40	60.57	Healthcare
⇒ Visa Inc Class A	1.03	35.43	26.21	Financial Services
Exxon Mobil Corp	1.00	36.43	-6.02	Energy

Total Holdings 508

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## 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 10.86 years.

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

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

#### Growth of \$10,000





Net Exp	ense		
4.41			► Fund Investment
3.92			Category Median
3.43			<ul> <li>Peer Group Median</li> </ul>
2.94			Quartile Rank
2.45			
1.96			
1.47			
0.98			
0.49			
0.00		▶ <del></del> ∢	
	Fund vs.	Fund vs.	
	Category	Peer Group	
	8	43	Percentile
	64/852	119/279	Rank

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

3-Year KISK Wellics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	17.84	-	17.19
Sharpe Ratio	_	-	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.69	13.68	13.39
Price/Book Ratio	1.58	1.70	1.77
Geom Avg Mkt Cap \$B	31.81	45.04	56.58
ROE	16.62	17.63	20.30



## Vanguard Developed Markets Index Admiral VTMGX

## **Morningstar Category**Foreign Large Blend

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

#### Style Analysis as of 12-31-2023

Morningstar Style Box™



#### Style Breakdown

Equity

25	29	24	Falge
6	8	5	MIN
1	2	1	ollidii

Value Blend Growth

#### Weight %

>50 25-50 10-25 0-10





Asset Class	Net %	Cat%
US Stocks	0.82	3.44
Non-US Stocks	97.42	94.60
Bonds	0.00	0.47
Cash	1.58	1.96
Other	0.19	-0.47
Total	100.00	100.00

Sec	ctor Weighting as of 12-3	31-2023			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<sub>Մ</sub>	Cyclical	41.06	41.95	38.88	
A	Basic Materials	7.95	7.98	7.04	
A	Consumer Cyclical	10.64	10.87	11.20	
<del>,</del>	Financial Services	19.03	20.90	18.89	
<b>fi</b>	Real Estate	3.44	2.20	1.75	
W	Sensitive	37.60	37.68	37.81	
	Communication Services	3.90	5.33	4.44	
ð	Energy	5.35	5.71	5.45	
Ф	Industrials	17.25	13.60	16.36	
	Technology	11.10	13.04	11.56	, , , , , , , , , , , , , , , , , , ,
<b>→</b>	Defensive	21.35	20.37	23.30	
Ħ	Consumer Defensive	7.68	7.87	9.01	
٠	Healthcare	10.67	9.46	11.63	
•	Utilities	3.00	3.04	2.66	
					0% 5 10 15 20 25 30 35 40

#### World Regions % Equity 12-31-2023



Greater Asia	Fund % 36.03	Cat % 35.35
Japan	21.10	19.01
Australasia	6.99	4.85
Asia-4 Tigers	7.76	6.48 5.01
Asia-ex 4 Tigers	0.18	5.01
Not Classified	0.00	0.00

Americas	Fund % 10.38	Cat % 8.53	Greater Europe	Fund % 53.58	Cat % 56.11	Market Maturity
North America Central/Latin	10.35 0.03	7.24 1.29	United Kingdom W euro-ex UK Emrgng Europe Africa	11.86 40.76 0.37 0.59	13.74 41.43 0.09 0.85	Developed Markets Emerging Markets Not Available

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Novo Nordisk A/S Class B	1.45	1.45	_	Healthcare
⊕ Nestle SA	1.39	2.84	1.41	Consumer Defensive
⊕ ASML Holding NV	1.33	4.18	_	Technology
⊕ Samsung Electronics Co Ltd	1.29	5.46	_	Technology
	1.16	6.62	_	-
⊕ Toyota Motor Corp	0.98	7.60	38.16	Consumer Cyclical
Shell PLC	0.97	8.57	_	Energy
Novartis AG Registered Shares	0.94	9.51	_	Healthcare
⊕ Roche Holding AG	0.90	10.41	_	Healthcare
Lymh Moet Hennessy Louis Vuitton SE	0.90	11.31	_	Consumer Cyclical

#### Total Holdings 4027

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



Fund %

99.41

0.59

## Vanguard Emerging Mkts Stock Idx Adm VEMAX

**Morningstar Category**Diversified Emerging Mkts

Morningstar Index MSCI EM NR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 15.35 years.

Net Expense: The fund's expense ratio of 0.14 is
 87.61% lower than the Diversified Emerging Mkts category average.

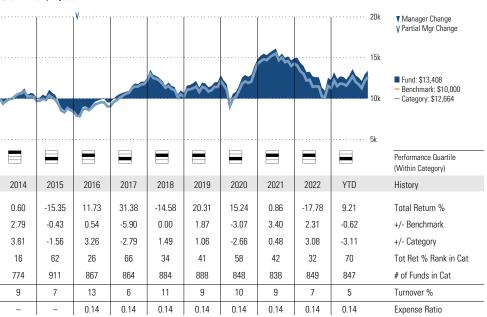
#### **Morningstar Investment Management LLC Analysis**

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

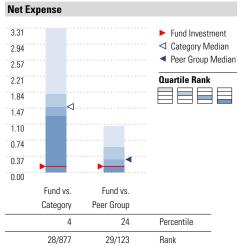
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2023 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year 6.56 9.21 -3.25 4.66 2.98 4.61 Fund Return % 7.86 9.83 -5.08 3.69 2.66 7.55 Benchmark Return % 7 89 12.32 -3 74 4 70 2 62 Category Average % 77 70 43 43 38 % Rank in Category 872 847 751 687 428 # of Funds in Category



3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	16.22	_	17.81
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.43	13.07	13.55
Price/Book Ratio	1.69	1.60	1.86
Geom Avg Mkt Cap \$B	20.55	35.77	44.99
ROE	16.84	16.28	19.08

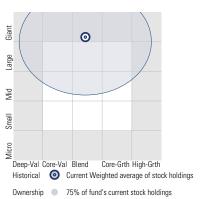


## Vanguard Emerging Mkts Stock Idx Adm VEMAX

## Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

#### Style Analysis as of 12-31-2023

Morningstar Style Box™



#### Style Breakdown

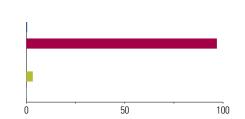
Equity

17	40	21	Large
6	7	4	Mid
1	2	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

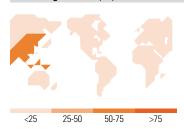


Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.04	0.11
Cash	3.05	1.82
Bonds	0.00	0.04
Non-US Stocks	96.72	94.87
US Stocks	0.19	3.18
Asset Class	Net %	Cat%

	۵	Averag	ogon/	ll Cat	hmark	Ronc		Fund	Cat	Bmark	Fund		
<u>, , , , , , , , , , , , , , , , , , , </u>		Averay	egury	li Cai	IIIIIaik	Denc		Tunc					_
	1		:	1		1			43.10	44.05	45.48	Cyclical	Դ
						H .			6.20	8.04	8.71	Basic Materials	A.
					0				13.49	12.19	12.50	Consumer Cyclical	4
									21.71	22.19	21.51	Financial Services	£
									1.70	1.63	2.76	Real Estate	b
									43.26	43.48	40.14	Sensitive	M
									8.48	9.24	8.43	Communication Services	
							Ű.		4.71	5.22	5.64	Energy	•
									6.85	6.73	8.21	Industrials	<b>Ģ</b>
									23.22	22.29	17.86	Technology	3
					0				13.65	12.47	14.37	Defensive	<b>→</b>
									7.38	5.80	6.28	Consumer Defensive	Ę
							0		4.54	4.03	4.58	Healthcare	٠
									1.73	2.64	3.51	Utilities	?
	35	30	25	20	15	10	5	0%	1.73	2.64	3.51	Utilities	<b>y</b>

#### World Regions % Equity 12-31-2023



Greater Asia	Fund % 75.42	Cat % 73.55
Japan	0.00	0.06
Australasia	0.00	0.00
Asia-4 Tigers	19.12	27.02
Asia-ex 4 Tigers	56.30	46.47
Not Classified	0.00	0.00

Americas	Fund % 10.87	Cat % 15.81	Greater Europe	Fund % 13.72	Cat % 10.64	Market Maturity	Fund %
North America	0.20	2.94	United Kingdom	0.00	0.54	Developed Markets	23.55
Central/Latin	10.67	12.87	W euro-ex UK	0.68	1.80	Emerging Markets	76.45
			Emrgng Europe	1.60	1.77	Not Available	0.00
			Africa	11.44	6.53		

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	5.33	5.33	_	Technology
⊕ Tencent Holdings Ltd	3.07	8.40	-2.01	Communication Svc
→ Alibaba Group Holding Ltd Ordinary Shares	2.13	10.53	-11.59	Consumer Cyclical
⊕ Reliance Industries Ltd	1.36	11.89	_	Energy
⊖ Slbbh1142	1.31	13.20	-	_
⊕ HDFC Bank Ltd	1.25	14.45	_	Financial Services
	1.18	15.63	_	_
	1.15	16.78	79.41	Consumer Cyclical
	0.84	17.62	_	Technology
	0.78	18.41	_	Basic Materials

#### Total Holdings 4746

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

## Vanguard High-Yield Corporate Adm VWEAX

Morningstar Category High Yield Bond Morningstar Index ICE BofA US High Yield TR USD

#### Portfolio Manager(s)

Elizabeth Shortsleeve since 08-2022 Michael Chang since 08-2022

#### Quantitative Screens

Performance: The fund has finished in the High Yield Bond 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.

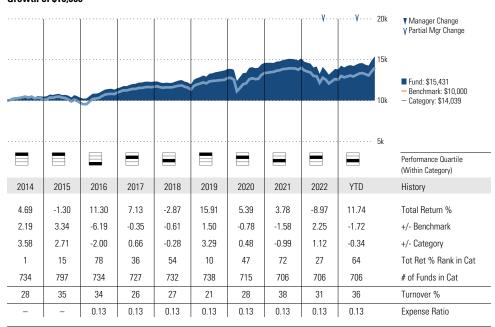
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.13 is 85.56% lower than the High Yield Bond category average.

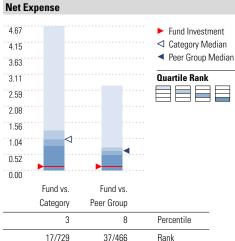
#### **Morningstar Investment Management LLC Analysis**

This funds fails the manager tenure screen due to the unexpected departure of Michael Hong from Wellington, which subadvises 2/3 of the this portfolio (Vanguard has been managing the other 1/3 since 2022). Elizabeth Shortsleev, of Wellington, has been a portfolio manager on this fund since 2022, so while both remaining managers have relatively short tenures with the fund, we retain confidence in the process and in the underlying research resources at both Vanguard and Wellington.

#### Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Ca
Alpha	-	_	-
Beta	-	_	-
R-Squared	-	-	-
Standard Deviation	8.26	-	7.80
Sharpe Ratio	-	-	-
Tracking Error	-	-	-
Information Ratio	-	_	-
Up Capture Ratio	-	-	-
Down Capture Ratio	-	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.68	-	3.13
Avg Eff Maturity	4.80	-	4.81



Duration

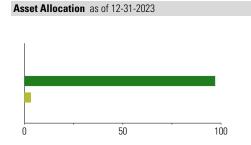
#### On Watch

## Vanguard High-Yield Corporate Adm VWEAX

#### **Morningstar Category** High Yield Bond

#### Morningstar Index ICE BofA US High Yield TR USD

Style Analysis as of 12-31-2023 Style Breakdown Fixed Income Quality High Μid MOT Mod Ext



Total	100.00	100.00
Other	0.00	1.42
Cash	3.11	2.63
Bonds	96.89	95.08
Non-US Stocks	0.00	0.05
US Stocks	0.00	0.81
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	4.44	_	3.92
AA	1.81	_	0.38
A	0.09	_	0.26
BBB	5.09	_	5.90
BB	48.88	_	36.20
В	35.96	_	40.32
Below B	3.33	_	11.07
Not Rated	0.40	-	1.95

Sector Weighting as of 12-3	31-2023			
	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Government	5.77	_	2.34	
Treasury	5.77	_	0.98	
Inflation - Protected	0.00	_	0.01	
Agency/Quasi Agency	0.00	_	0.02	
Other Government Related	0.00	-	1.33	
Corporate	91.60	-	90.22	
Corporate Bond	88.64	-	87.03	
Bank Loan	2.96	_	2.35	
Convertible	0.00	_	0.39	
Preferred	0.00	_	0.45	
Securitized	0.09	-	1.45	
Agency MBS Pass-Through	0.00	_	0.11	
Agency MBS ARM	0.00	_	0.00	
Agency MBS CMO	0.00	_	0.04	
Non-Agency Residential MBS	0.00	_	0.06	
Commercial MBS	0.00	_	0.11	
Asset-Backed	0.09	_	1.13	
Covered Bond	0.00	_	0.00	
Municipal	0.00	-	0.03	
Cash & Equivalents	2.54	_	4.06	
Other	0.00	_	1.90	

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

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes	-	1.61	1.61	_
	_	0.91	2.52	-
United States Treasury Bills	_	0.70	3.22	-
⊕ United States Treasury Notes	_	0.69	3.91	-
⊕ United States Treasury Bills	-	0.68	4.59	_
Herc Holdings Inc	_	0.65	5.24	_
SS&C Technologies, Inc.	_	0.63	5.87	-
Mozart Debt Merger Subordinated Inc.	_	0.62	6.49	-
	_	0.59	7.08	-
⊕ Rbc Triparty Mtge	_	0.57	7.65	_

**Total Holdings 818** 

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## Vanguard Inflation-Protected Secs Adm VAIPX

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

#### Portfolio Manager(s)

John Madziyire since 11-2021

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.1 is 83.87% lower than the Inflation-Protected Bond category average.

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

This fund fails the manager tenure screen; however, the current manager has earned results consistent with those of his predecessor.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023

#### 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.

23/167

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	-	_
R-Squared	-	-	_
Standard Deviation	7.12	-	6.62
Sharpe Ratio	-	-	_
Tracking Error	_	-	_
Information Ratio	_	-	_
Up Capture Ratio	_	-	_
Down Capture Ratio	_	-	_

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.48	4.52	6.01
Avg Eff Maturity	7.00	_	6.37



25/232

## Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD





Asset Class	Net %	Cat%
US Stocks	0.00	0.11
Non-US Stocks	0.00	0.00
Bonds	99.62	97.18
Cash	0.38	1.81
Other	0.00	0.91
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.91	0.00	31.40
AA	0.00	99.60	66.93
A	0.00	0.00	0.44
BBB	0.00	0.00	0.54
BB	0.00	0.00	0.04
В	0.00	0.00	0.05
Below B	0.00	0.00	0.14
Not Rated	0.09	0.40	0.46

		Б							1 0						
	Fund	Bmark	Cat	Fund	<b>T</b>	Bencl	nmar	k [	Cat	egor	γ Αι	/era	ge		
Government	99.62	_	90.21				-								
Treasury	2.21	_	0.25												
nflation – Protected	97.41	_	84.48												
Agency/Quasi Agency	0.00	-	0.08												
Other Government Related	0.00	_	5.40												
Corporate	0.00	_	1.15	([											
Corporate Bond	0.00	_	1.10	0											
Bank Loan	0.00	-	0.04												
Convertible	0.00	_	0.00	j i											
Preferred	0.00	_	0.01	Ó											
Securitized	0.00	-	3.65	1 []											
Agency MBS Pass-Through	0.00	_	1.35	(0											
Agency MBS ARM	0.00	_	0.00	İ											
Agency MBS CMO	0.00	_	0.25												
Non-Agency Residential MBS	0.00	_	0.09												
Commercial MBS	0.00	_	0.17												
Asset-Backed	0.00	_	1.62	[]											
Covered Bond	0.00	_	0.17												
Municipal	0.00	-	0.01												
Cash & Equivalents	0.38	-	4.88	1 [											
Other	0.00	_	0.12												

3.02

2.95

29.28

32.23

Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ① United States Treasury Notes 3.58 3.58 United States Treasury Notes 3.52 7.10 United States Treasury Notes 3.38 10.49 United States Treasury Notes 3.23 13.71 United States Treasury Notes 16.93 3.22 ① United States Treasury Notes 3.15 20.09 United States Treasury Notes 3.09 23.18 United States Treasury Notes 3.08 26.26

Total Holdings 57

United States Treasury Notes

United States Treasury Notes

Top 10 Holdings as of 12-31-2023

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## Vanguard International Growth Adm VWILX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

Simon Webber since 12-2009 Thomas Coutts since 12-2016 James Gautrey since 12-2020 Lawrence Burns since 12-2020

#### **Quantitative Screens**

- Performance: The fund has finished in the Foreign Large Growth 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 14.02 years.
- Q Net Expense: The fund's expense ratio of 0.31 is 69.61% lower than the Foreign Large Growth category average.

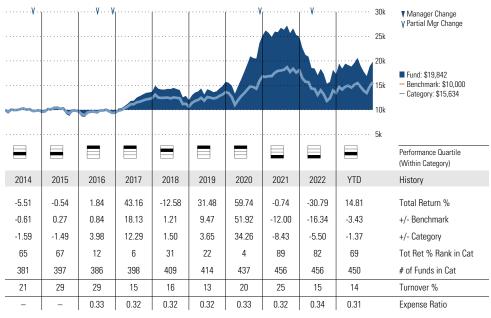
#### **Morningstar Investment Management LLC Analysis**

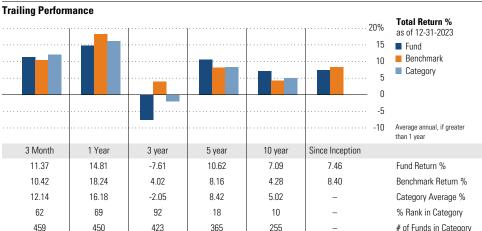
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

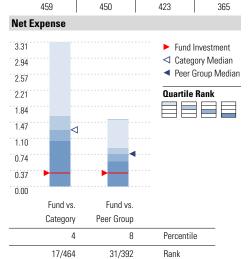
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
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 Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	-	_
Standard Deviation	22.73	-	19.82
Sharpe Ratio	_	-	_
Tracking Error	_	-	_
Information Ratio	_	-	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	13.79	21.19
Price/Book Ratio	3.26	1.72	3.30
Geom Avg Mkt Cap \$B	54.71	50.39	64.62
ROE	16.82	18.88	24.42



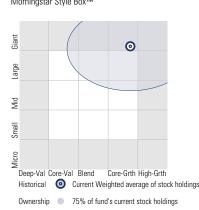
## Vanguard International Growth Adm VWILX

#### **Morningstar Category** Foreign Large Growth

Morningstar Index

MSCI EAFE NR USD

#### Style Analysis as of 12-31-2023 Morningstar Style Box™





50

Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.92	0.66
Cash	2.04	2.81
Bonds	0.00	0.00
Non-US Stocks	81.58	88.63
US Stocks	15.46	7.90
Asset Glass	INEL 70	Udl 70

#### Style Breakdown

Fauity

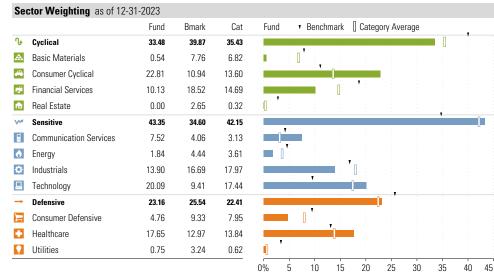
Equity				
8	29	42		
2	7	12		
0	0	0		



Value Blend Growth

#### Weight %

>50 25-50 10-25 0-10



100

#### World Regions % Equity 12-31-2023



Greater Asia	Fund % 29.19	Cat % 26.33
Japan	7.46	11.92
Australasia	0.94	1.56
Asia-4 Tigers	7.60	5.60
Asia-ex 4 Tigers	13.19	7.25
Not Classified	0.00	0.00

Fund % 23.74	Cat % 16.61	Greater Europe	Fund % 47.08	Cat % 57.07	Market Maturity	Fund %
16.83	14.13	United Kingdom	7.59	12.56	Developed Markets	79.91
6.91	2.48	W euro-ex UK	38.02	44.00	Emerging Markets	20.09
		Emrgng Europe	0.00	0.04	Not Available	0.00
		Africa	1.47	0.47		
	23.74 16.83	23.74 16.61 16.83 14.13	23.74 16.61 Greater Europe  16.83 14.13 United Kingdom 6.91 2.48 W euro-ex UK Emrgng Europe	23.74     16.61     Greater Europe     47.08       16.83     14.13     United Kingdom     7.59       6.91     2.48     W euro-ex UK     38.02       Emrgng Europe     0.00	23.74     16.61     Greater Europe     47.08     57.07       16.83     14.13     United Kingdom     7.59     12.56       6.91     2.48     W euro-ex UK     38.02     44.00       Emrgng Europe     0.00     0.04	23.74         16.61         Greater Europe         47.08         57.07         Market Maturity           16.83         14.13         United Kingdom         7.59         12.56         Developed Markets           6.91         2.48         W euro-ex UK         38.02         44.00         Emerging Markets           Emrgng Europe         0.00         0.04         Not Available

# **Top 10 Holdings** as of 12-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.17	5.17	85.71	Consumer Cyclical
	4.84	10.01	_	Technology
<ul><li>Spotify Technology SA</li></ul>	3.27	13.28	138.01	Communication Svc
⊕ argenx SE	3.08	16.36	_	Healthcare
Tencent Holdings Ltd	2.96	19.32	-	Communication Svc
	2.88	22.20	_	Technology
Moderna Inc	2.38	24.58	-44.63	Healthcare
Genmab A/S	2.12	26.70	_	Healthcare
Ferrari NV	2.09	28.79	58.91	Consumer Cyclical
Atlas Copco AB Class A	1.99	30.78	_	Industrials

#### **Total Holdings 158**

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



## Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value Morningstar Index MSCI EAFE NR USD

#### Portfolio Manager(s)

Michael Bennett since 05-2010 Michael Fry since 05-2010 Steven Morrow since 08-2012 A. Rama Krishna since 12-2012 Arjun Kumar since 10-2020 Shirley Woo since 10-2020

#### **Quantitative Screens**

- ❷ Performance: The fund has finished in the Foreign Large
  Value category's top three quartiles in 8 of the 10 years it's
  been in existence.
- Management: The fund's management has been in place for 13.6 years.
- × Style: The fund has landed in its primary style box Large Value 33.33 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.38 is 60.82% lower than the Foreign Large Value category average.

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

This fund fails the style consistency screen. Its largest underlying subadvisor employs a relative value approach, which can include more growth-leaning stocks, causing the fund to plot near the border of the value and blend column in the Morningstar Stylebox.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022

#### Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	17.31	_	17.29
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics						
	Fund	Bmark	Cat			
Price/Earnings Ratio	13.12	13.79	10.26			
Price/Book Ratio	1.70	1.72	1.23			
Geom Avg Mkt Cap \$B	32.73	50.39	37.72			
ROE	17.22	18.88	15.40			





## Vanguard International Value Inv VTRIX

## Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

#### Style Analysis as of 12-31-2023

Morningstar Style Box™



#### Style Breakdown

Equity

24	35	21	Large
3	12	3	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.40	0.21
Cash	4.70	1.17
Bonds	0.00	0.16
Non-US Stocks	89.90	95.44
US Stocks	5.01	3.01
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2023			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	43.43	39.87	42.87	
A	Basic Materials	10.46	7.76	8.76	
A	Consumer Cyclical	15.97	10.94	10.76	
æ	Financial Services	16.17	18.52	22.14	Y [
<b>fi</b>	Real Estate	0.83	2.65	1.21	
W	Sensitive	40.07	34.60	35.96	<u>`</u>
	Communication Services	4.86	4.06	5.11	
ð	Energy	6.71	4.44	8.70	
Ф	Industrials	18.01	16.69	14.93	
	Technology	10.49	9.41	7.22	
<b>→</b>	Defensive	16.49	25.54	21.17	
Ħ	Consumer Defensive	6.14	9.33	8.08	
٠	Healthcare	8.37	12.97	9.28	
•	Utilities	1.98	3.24	3.81	
					0% 5 10 15 20 25 30 35 40 49

#### World Regions % Equity 12-31-2023



Greater Asia	Fund % 37.96	Cat % 30.27	
Greater Asia	37.96	30.27	,
Japan	12.02	16.70	1
Australasia	0.59	3.52	(
Asia-4 Tigers	11.16	7.30	
Asia-ex 4 Tigers	14.19	2.75	
Not Classified	0.00	0.00	

Americas	Fund % 11.72	Cat % 8.91	Greater Europe	Fund % 50.32	Cat % 60.81	Market Maturity	Fund %
North America	7.44	7.81	United Kingdom	16.08	18.08	Developed Markets	81.26
Central/Latin	4.28	1.10	W euro-ex UK	33.98	41.85	<b>Emerging Markets</b>	18.74
			Emrgng Europe	0.00	0.14	Not Available	0.00
			Africa	0.26	0.74		

<b>Top 10 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	4.08	4.08	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.15	6.23	_	Consumer Cyclical
→ HSBC Holdings PLC	1.69	7.92	40.02	Financial Services
Airbus SE	1.49	9.40	_	Industrials
⊕ Tencent Holdings Ltd	1.47	10.87	-	Communication Svc
⊕ Shell PLC	1.44	12.31	_	Energy
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.38	13.69	_	Technology
⊕ Roche Holding AG	1.32	15.01	_	Healthcare
Ryanair Holdings PLC ADR	1.31	16.32	78.38	Industrials
→ BP PLC	1.29	17.61	_	Energy

#### Total Holdings 230

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Moderately Conservative Morningstar Index

Morningstar US Mod Con Tgt Alloc NR

#### 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.

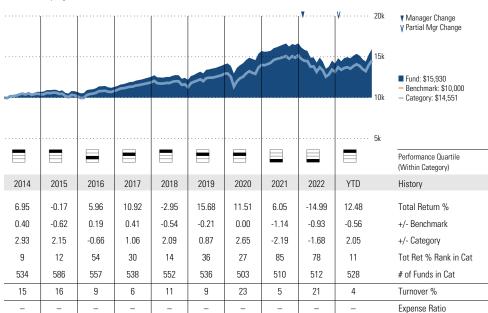
#### **Morningstar Investment Management LLC Analysis**

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**

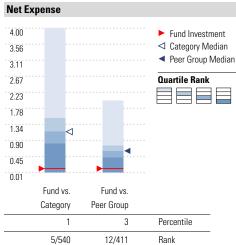
Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	07-19-2023

#### Growth of \$10,000





3-Year Risk Metrics



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	_	_	-
Beta	_	_	-
R-Squared	_	_	_
Standard Deviation	10.09	_	9.86
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	-

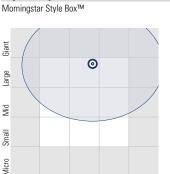
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.81	19.22	19.56
Price/Book Ratio	2.45	2.81	2.99
Avg Eff Duration	6.56	5.80	5.34

## Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Moderately Conservative **Morningstar Index** Morningstar US Mod Con Tgt Alloc NR

Allocation

Style Analysis as of 12-31-2023

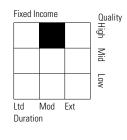




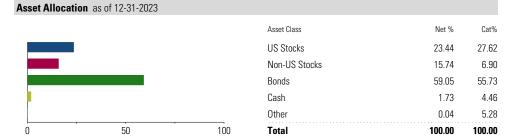
Ownership 75% of fund's current stock holdings

#### Style Breakdown

Equity Large 17 32 Mid5 6 8 2 3 2 Value Blend Growth



>50 25-50 10-25 0-10



	Fund	Bmark	Cat	Fund	▼ B	enchmar	k [] C	ategory	Avera	je
Cyclical	34.17	32.84	32.95							Ò.
Basic Materials	4.61	4.03	3.71							
Consumer Cyclical	11.03	11.13	9.31			i j				
Financial Services	15.46	14.66	13.89							
Real Estate	3.07	3.02	6.04							
Sensitive	45.41	46.59	43.78							
Communication Services	6.91	7.02	6.48		<b>(</b> )					
Energy	4.76	4.43	5.75	•	0					
Industrials	11.44	11.23	10.39			i		_		
Technology	22.30	23.91	21.16					ı '		
Defensive	20.41	20.57	23.28							
Consumer Defensive	6.53	6.40	7.06		<b>=</b> [					
Healthcare	11.24	11.65	12.84		:	• [				
Utilities	2.64	2.52	3.38							

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	41.69	41.69	_	_
○ Vanguard Total Stock Mkt Idx Inv	_	23.55	65.24	_	-
⊕ Vanguard Total Intl Bd II ldx Investor	_	17.88	83.13	_	_
○ Vanguard Total Intl Stock Index Inv	-	16.11	99.24	_	_
⊕ Mktliq 12/31/2049	_	0.75	100.00	-	_
⊖ Us Dollar	-	0.00	100.00	-	-

#### Total Holdings 6

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Moderately Aggressive

Morningstar US

Morningstar US Mod Agg Tgt Alloc NR

Morningstar Index

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**

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.

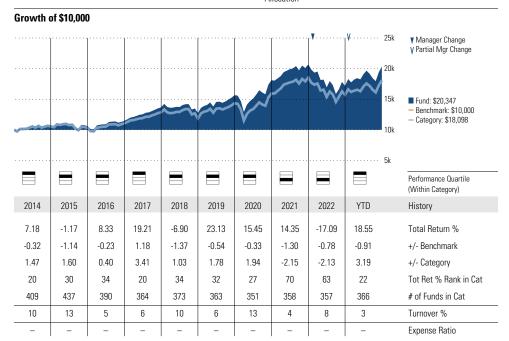
Net Expense: The fund's expense ratio of 0.14 is
 85.71% lower than the Moderately Aggressive Allocation category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
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	4		
0.66		•••••	
0.00			
	Fund vs.	Fund vs.	
(	Category	Peer Group	
-	1	3	Percentile
	4/370	9/301	Rank

	Fund	Bmark	Cat
Alpha	_	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	14.41	_	14.13
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	-	_	-
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.86	19.38	19.32
Price/Book Ratio	2.46	2.86	2.79
Avg Eff Duration	6.57	5.80	6.02





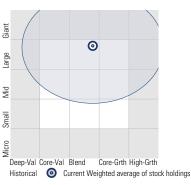
## Vanguard LifeStrategy Growth Inv VASGX

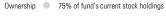
Morningstar Category Moderately Aggressive **Morningstar Index** Morningstar US Mod Agg Tgt Alloc NR

Allocation

Style Analysis as of 12-31-2023

Morningstar Style Box™





Fixed Income

Ltd

Mod Duration

Quality

High

Mid

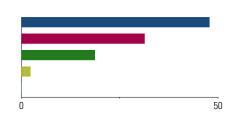
Low

#### Style Breakdown





>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023



		Fund	Bmark	Cat	Fun	d	▼ Ben	chmark	[ ] Ca	ategory	Avera	ge		
Դ	Cyclical	34.10	32.62	32.53										
A.	Basic Materials	4.58	3.94	4.45										
A	Consumer Cyclical	11.03	11.13	10.33										
<b>P</b>	Financial Services	15.41	14.56	14.43										
命	Real Estate	3.08	2.99	3.32		0								_
W	Sensitive	45.49	46.85	46.59										
	Communication Services	6.93	7.11	8.27										
•	Energy	4.75	4.39	4.96										
Ф	Industrials	11.42	11.08	11.39						_				
	Technology	22.39	24.27	21.97						1				
<b>-</b>	Defensive	20.42	20.54	20.88										
Ħ	Consumer Defensive	6.52	6.35	6.39										
٠	Healthcare	11.26	11.67	11.99										
Ω	Utilities	2.64	2.52	2.50										

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Stock Mkt Idx Inv	_	48.04	48.04	_	_
	-	32.03	80.06	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	13.01	93.08	_	_
◆ Vanguard Total Intl Bd II Idx Investor	-	5.78	98.86	_	_
⊕ Mktliq 12/31/2049	-	1.15	100.01	-	_
⊕ Us Dollar	_	0.01	100.01	-	_

#### Total Holdings 6

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## 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 88.66% lower than the Conservative Allocation category average.

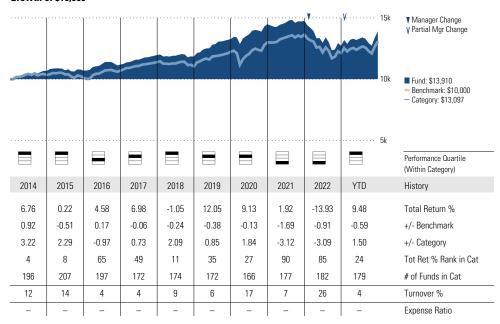
#### **Morningstar Investment Management LLC Analysis**

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.

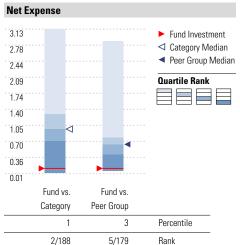
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
ESG Commitment	1-Low	07-19-2023

#### Growth of \$10,000







3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	_	-	_
Beta	_	-	_
R-Squared	_	-	_
Standard Deviation	8.18	-	7.87
Sharpe Ratio	_	-	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.77	19.44	19.61
Price/Book Ratio	2.44	2.87	3.13
Avg Eff Duration	6.56	5.80	5.06



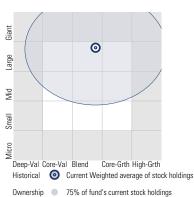
## Vanguard LifeStrategy Income Inv VASIX

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

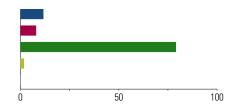
#### Morningstar US Con Tgt Alloc NR USD

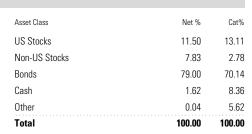
#### Style Analysis as of 12-31-2023

Morningstar Style Box™



## Asset Allocation as of 12-31-2023





#### Style Breakdown

Equity				Fixed	Income		Qua
17	26	32	Large				Qii High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Durat	Mod ion	Ext	_

Fixed I	ncome		Quality
			High
			Mid
			Low
l td	Mod	Fxt	J

Weight %

>50 25-50 10-25 0-10

	Fund	Bmark	Cat	Fund	▼ Be	nchmarl	( [] C	ategory	Avera	ge
Cyclical	34.21	32.59	30.38							
Basic Materials	4.61	3.90	3.34							
Consumer Cyclical	11.04	11.13	8.95							
Financial Services	15.50	14.54	13.68							
Real Estate	3.06	3.02	4.41							
Sensitive	45.36	46.83	46.47							
Communication Services	6.89	7.10	6.94							
Energy	4.77	4.38	5.17							
Industrials	11.46	11.08	10.59					_		
Technology	22.24	24.27	23.77							
Defensive	20.42	20.59	23.13							
Consumer Defensive	6.53	6.35	7.12		<b>[</b> ]	_				
Healthcare	11.25	11.74	13.05							
Utilities	2.64	2.50	2.96							

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	55.82	55.82	_	_
○ Vanguard Total Intl Bd II Idx Investor	_	23.89	79.71	_	-
○ Vanguard Total Stock Mkt Idx Inv	_	11.56	91.27	_	-
○ Vanguard Total Intl Stock Index Inv	_	8.02	99.29	_	-
⊕ Mktliq 12/31/2049	_	0.71	100.00	-	_
<ul><li>─ Us Dollar</li></ul>	-	0.00	100.00	_	-

Total Holdings 6

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



# 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% lower than the Moderate Allocation category average.

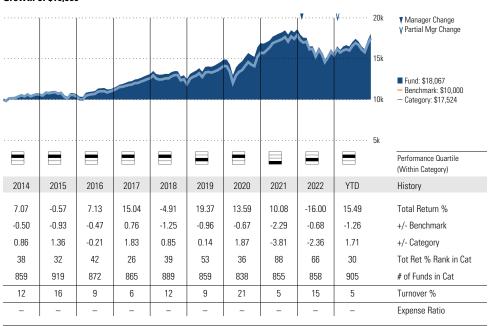
#### **Morningstar Investment Management LLC Analysis**

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.

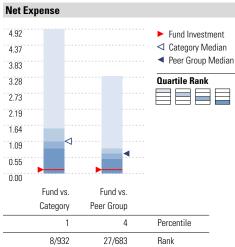
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022

#### Growth of \$10,000







3-Year KISK Wellics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	12.21	_	12.19
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	-	-	-
Down Capture Ratio	-	-	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.83	20.07	20.57
Price/Book Ratio	2.45	3.06	3.30
Avg Eff Duration	6.56	5.80	5.25



## Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Asset Allocation as of 12-31-2023

#### **Morningstar Category Morningstar Index** Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



#### Asset Class Net % Cat% US Stocks 47.03 35.42 Non-US Stocks 23.60 9.63 Bonds 39.23 35.74 Cash 1.70 3.61 Other 0.05 4.00 50 Total 100.00 100.00

#### Style Breakdown

Equity				Fixed Ir	ncome		Quality
17	25	32	Large				High
6	8	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	_

Weight %

>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average
Ն Մ	Cyclical	34.13	31.82	30.41	
ů.	Basic Materials	4.60	3.59	3.64	
<b>A</b>	Consumer Cyclical	11.02	11.14	10.31	
÷	Financial Services	15.44	14.11	14.22	
t	Real Estate	3.07	2.98	2.24	
M	Sensitive	45.46	47.60	46.77	
	Communication Services	6.93	7.30	7.70	
•	Energy	4.76	4.30	5.12	
Ф	Industrials	11.45	10.70	10.63	
	Technology	22.32	25.30	23.32	
<b>→</b>	Defensive	20.40	20.59	22.81	
	Consumer Defensive	6.52	6.24	6.13	
٠	Healthcare	11.25	11.88	13.76	
•	Utilities	2.63	2.47	2.92	

<b>Top 6 Holdings</b> as of 12-31-2023					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	35.60	35.60	_	_
Vanguard Total Bond Market II ldx Inv	-	27.67	63.27	_	_
○ Vanguard Total Intl Stock Index Inv	-	24.16	87.43	_	_
Vanguard Total Intl Bd II Idx Investor	-	11.90	99.34	_	_
① Mktliq 12/31/2049	_	0.71	100.05	-	-
① Us Dollar	_	0.05	100.09	-	-

Total Holdings 6

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard Mid-Cap Growth Index Admiral VMGMX

5

655

17

51

682

23

40

21

0.07

65

605

23

0.07

46

601

25

0.07

42

608

18

0.07

## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

- Performance: The fund has finished in the Mid-Cap Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- × *Management*: The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.07 is 93.4% lower than the Mid-Cap Growth category average.

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

This fund fails the manager tenure screen. Although the managers on this fund are relatively recent additions, they are experienced at Vanguard, and the team-managed, well-established process of running index funds at Vanguard means that such changes are not concerning.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000 ...V...V 35k ▼ Manager Change V Partial Mgr Change Fund: \$26.214 Benchmark: \$10,000 15k - Category: \$23,233 Performance Quartile (Within Category) 2014 2015 2016 2017 2018 2019 2020 2021 2022 YTD History 13.48 -0.98 6.75 21.83 -5.60 33.86 34.48 20.48 -28.84 23.14 Total Return % -0.78 -1.11 7.75 1.58 -0.58 -3.44 -0.85 -1.61 -2.12 -2.73 +/- Benchmark -0.03 1.05 1.34 6.48 0.72 -2.08 -4.78 7.43 -1.05 1.77 +/- Category

44

597

22

0.07

19

600

25

0.07

64

606

22

0.07

34

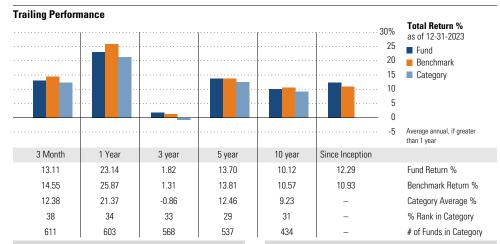
603

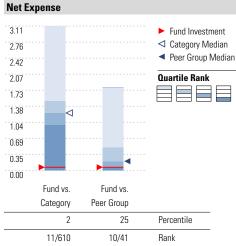
Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio





3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	-	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	21.60	_	22.03
Sharpe Ratio	_	_	_
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.77	26.78	27.96
Price/Book Ratio	5.18	8.34	5.61
Geom Avg Mkt Cap \$B	30.73	23.17	20.97
ROE	18.11	25.12	17.17



# Vanguard Mid-Cap Growth Index Admiral VMGMX

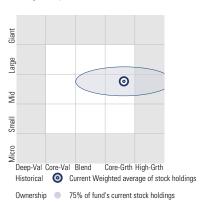
## Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

#### Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

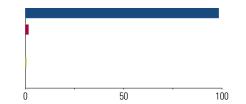
Lquity			
0	8	8	Large
3	34	46	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.00	0.78
Cash	0.30	1.69
Bonds	0.00	0.11
Non-US Stocks	1.45	4.02
US Stocks	98.24	93.41
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ E	Bench	mark		Cate	gory A	vera	ge		
Դ	Cyclical	24.35	24.13	27.23					ď						
ė.	Basic Materials	2.43	0.88	2.08											
<b>A</b>	Consumer Cyclical	8.68	12.82	12.24			٠								
ê	Financial Services	6.13	8.71	10.12											
t	Real Estate	7.11	1.72	2.79											
M	Sensitive	60.26	53.92	50.92											
	Communication Services	5.60	3.95	3.60											
ð	Energy	5.84	3.81	3.20											
<b>Ģ</b>	Industrials	17.89	18.22	17.15				ľ.							
	Technology	30.93	27.94	26.97											
<b>-</b>	Defensive	15.40	21.94	21.85											
	Consumer Defensive	1.88	2.80	2.66											
٠	Healthcare	12.94	18.68	18.66			ı								
•	Utilities	0.58	0.46	0.53	ĺ										

Top 15 Holdings as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	1.84	1.84	31.31	Technology
⊕ Arista Networks Inc	1.82	3.65	94.07	Technology
⊕ TransDigm Group Inc	1.65	5.30	66.22	Industrials
⊕ Cintas Corp	1.62	6.92	34.55	Industrials
⊕ Motorola Solutions Inc	1.61	8.53	22.89	Technology
⊕ Welltower Inc	1.55	10.08	41.28	Real Estate
Microchip Technology Inc     Microch	1.51	11.59	30.63	Technology
⊕ DexCom Inc	1.49	13.08	9.58	Healthcare
⊕ MSCI Inc	1.32	14.40	22.79	Financial Services
⊕ Copart Inc	1.31	15.71	60.95	Industrials
⊕ IQVIA Holdings Inc	1.31	17.02	12.93	Healthcare
⊕ Realty Income Corp	1.29	18.30	-4.65	Real Estate
⊕ Hess Corp	1.23	19.54	2.88	Energy
⊕ Old Dominion Freight Line Inc Ordinary Shares	1.23	20.77	43.40	Industrials
⊕ Cheniere Energy Inc	1.20	21.97	14.92	Energy

#### **Total Holdings 153**

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard Mid-Cap Value Index Admiral VMVAX

Growth of \$10,000

Morningstar Category
Mid-Cap Value

**Morningstar Index** Russell Mid Cap Value TR USD

▼ Manager Change

Expense Ratio

V Partial Mgr Change

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

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

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

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

This fund fails the manager tenure screen. Although the managers on this fund are relatively recent additions, they are experienced at Vanguard, and the team-managed, well-established process of running index funds at Vanguard means that such changes are not concerning.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

# V V V 25k

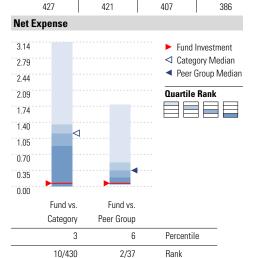


#### **Trailing Performance Total Return %** as of 12-31-2023 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % 11.51 9.76 9.18 11.31 8.49 11.84 12.11 12.71 8.36 11.16 8.26 11.25 Benchmark Return % 11.38 13 94 10 44 7 70 11.76 Category Average % 48 77 65 55 27 % Rank in Category 295 # of Funds in Category

0.07

0.07

0.07



0.07

0.07

0.07

0.07

3- Tear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	-	_	_
R-Squared	_	_	_
Standard Deviation	18.77	_	19.16
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	16.74	14.75
Price/Book Ratio	2.18	2.21	1.97
Geom Avg Mkt Cap \$B	25.28	18.30	13.75
ROE	16.39	13.52	14.25





# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

■ Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

2	6	0	Falge
42	47	2	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

50

Asset Allocation as of 12-31-2023



		Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	ory Ave	erage		
b	Cyclical	42.70	42.89	41.33									ľ
÷.	Basic Materials	7.39	6.09	5.18									
<b>-</b>	Consumer Cyclical	8.25	10.38	11.59			<b>"</b> []						
ê	Financial Services	17.88	15.63	18.32					<b>[</b> ]				
b	Real Estate	9.18	10.79	6.24			_ '						
NF	Sensitive	30.33	39.58	36.27								0	
	Communication Services	2.64	3.56	2.95		ľ.							
	Energy	3.20	5.35	6.09					_				
þ	Industrials	15.47	18.53	17.12					]				
1	Technology	9.02	12.14	10.11									
÷	Defensive	26.97	17.52	22.41			•						
7	Consumer Defensive	6.00	3.46	6.56									
ì	Healthcare	8.77	6.96	9.23			<b>=</b> [						
?	Utilities	12.20	7.10	6.62									

100

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	1.38	1.38	54.43	Industrials
	1.31	2.69	20.44	Financial Services
Carrier Global Corp Ordinary Shares	1.30	4.00	41.08	Industrials
→ PG&E Corp	1.24	5.24	10.95	Utilities
⊕ D.R. Horton Inc	1.16	6.40	71.67	Consumer Cyclical
	1.16	7.56	33.61	Basic Materials
⊕ ONEOK Inc	1.11	8.66	12.69	Energy
Digital Realty Trust Inc	1.10	9.77	39.08	Real Estate
○ Centene Corp	1.07	10.84	-9.51	Healthcare
	1.06	11.90	54.45	Industrials
○ United Rentals Inc	1.05	12.95	63.00	Industrials
	1.04	13.99	23.69	Financial Services
Prudential Financial Inc	1.01	15.00	9.30	Financial Services
→ Allstate Corp	0.99	15.99	5.86	Financial Services
① Otis Worldwide Corp Ordinary Shares	0.99	16.98	15.92	Industrials

**Total Holdings 202** 

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



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

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
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 Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	21.73	_	20.76
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	35.05	38.46	33.75
Price/Book Ratio	2.36	2.42	2.44
Geom Avg Mkt Cap \$B	23.58	9.35	33.46
ROE	11.38	9.56	14.91



# Vanguard Real Estate Index Admiral VGSLX

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

S&P United States REIT TR USD

Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

0	27	6	Large
4	40	6	MIG
5	11	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023

Total	100.00	100.00
Other	0.00	10.87
Cash	0.92	0.92
Bonds	0.00	3.00
Non-US Stocks	0.02	0.87
US Stocks	99.06	84.34
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Benchmark	Category Average
·	Cyclical	99.16	99.13	99.30				
4	Basic Materials	0.00	0.00	0.04	ĺ			
)	Consumer Cyclical	0.00	0.13	1.73	i <u>O</u>			
)	Financial Services	0.00	0.00	0.27	Ó			
ì	Real Estate	99.16	99.00	97.26				
ø	Sensitive	0.84	0.87	0.64	Ō i			
	Communication Services	0.84	0.00	0.18	Ď			
	Energy	0.00	0.00	0.02	Ĭ,			
ŀ	Industrials	0.00	0.87	0.25	Ď i			
1	Technology	0.00	0.00	0.19	Ö			
+	Defensive	0.00	0.00	0.06	Í i i			
	Consumer Defensive	0.00	0.00	0.00	Ĭ			
	Healthcare	0.00	0.00	0.01	Į i			
1	Utilities	0.00	0.00	0.05	í			

100

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	13.19	13.19	_	_
	7.64	20.83	21.33	Real Estate
	6.24	27.07	4.94	Real Estate
	4.67	31.74	25.17	Real Estate
○ Crown Castle Inc	3.10	34.84	-10.46	Real Estate
	2.99	37.83	13.14	Real Estate
	2.81	40.64	27.76	Real Estate
─ Welltower Inc	2.80	43.43	41.28	Real Estate
	2.52	45.96	-4.65	Real Estate
	2.40	48.36	39.08	Real Estate
— CoStar Group Inc	2.21	50.57	13.08	Real Estate
⊕ Extra Space Storage Inc	2.10	52.67	13.34	Real Estate
	1.79	54.46	20.96	Real Estate
→ VICI Properties Inc Ordinary Shares	1.74	56.20	3.36	Real Estate
	1.71	57.90	-8.28	Real Estate

**Total Holdings** 165

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard Small Cap Growth Index Admiral VSGAX

Morningstar Category

Small Growth

Morningstar Index

Russell 2000 Growth TR USD

#### Portfolio Manager(s)

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

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 19.01 years.

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

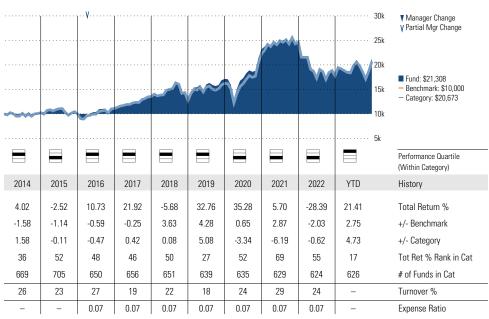
#### **Morningstar Investment Management LLC Analysis**

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

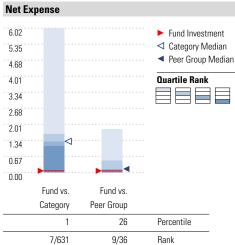
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

#### Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2023 ■ Fund Benchmark Category 10 5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 13.12 21.41 -2.78 10.54 7.86 11.36 12.75 18.66 -3.50 9.22 7.16 9.40 Benchmark Return % -2 29 10 99 8 09 11 49 16.68 Category Average % 24 17 58 54 53 % Rank in Category 631 626 592 555 433 # of Funds in Category



3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-	_	_
Beta	-	_	_
R-Squared	-	_	_
Standard Deviation	21.73	_	21.94
Sharpe Ratio	-	_	_
Tracking Error	-	_	_
Information Ratio	-	-	_
Up Capture Ratio	-	-	_
Down Capture Ratio	-	-	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	26.77	21.91	26.28
Price/Book Ratio	3.91	3.98	3.80
Geom Avg Mkt Cap \$B	6.54	3.00	5.97
ROE	9.50	9.00	15.98



# Vanguard Small Cap Growth Index Admiral VSGAX

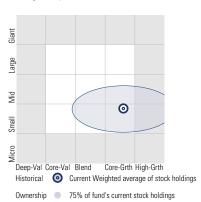
Morningstar Category

Small Growth

**Morningstar Index** Russell 2000 Growth TR USD

Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

Equity

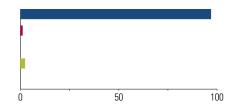
-quit,			
0	0	0	Large
0	15	26	Mid
5	22	32	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

#### Asset Allocation as of 12-31-2023



Total	100.00	100.00
Other	0.00	1.19
Cash	2.21	2.00
Bonds	0.00	0.03
Non-US Stocks	0.96	4.37
US Stocks	96.83	92.40
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2023			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
<u></u>	Cyclical	25.70	21.96	24.36	<b>1</b>
Å.	Basic Materials	2.29	4.57	3.08	
Д	Consumer Cyclical	12.99	10.05	10.83	
<del>,</del>	Financial Services	4.82	5.65	8.11	
<b>fi</b>	Real Estate	5.60	1.69	2.34	
W	Sensitive	52.12	49.40	51.10	
d	Communication Services	2.60	1.90	1.57	
ð	Energy	5.13	4.46	4.41	
Ф	Industrials	18.23	18.20	19.88	
	Technology	26.16	24.84	25.24	
<b>-</b>	Defensive	22.19	28.63	24.54	
Ħ	Consumer Defensive	3.67	4.87	4.60	
+	Healthcare	17.70	22.18	19.20	
•	Utilities	0.82	1.58	0.74	
					0% 5 10 15 20 25 30 35 40 45 50 5

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	1.92	1.92	_	_
→ PTC Inc	0.85	2.77	45.75	Technology
	0.83	3.60	20.71	Energy
⊕ Axon Enterprise Inc	0.79	4.39	55.69	Industrials
⊕ Entegris Inc     ■	0.77	5.17	83.29	Technology
Deckers Outdoor Corp	0.74	5.91	67.46	Consumer Cyclical
→ Vertiv Holdings Co Class A	0.71	6.62	251.79	Industrials
⊕ DraftKings Inc Ordinary Shares - Class A	0.64	7.25	209.48	Consumer Cyclical
Graco Inc	0.63	7.89	30.39	Industrials
⊕ Dynatrace Inc Ordinary Shares	0.62	8.51	42.79	Technology
⊖ Lennox International Inc	0.62	9.12	88.89	Industrials
○ Nordson Corp     ○	0.58	9.71	12.24	Industrials
⊕ Exact Sciences Corp	0.58	10.28	49.42	Healthcare
→ Watsco Inc Class A	0.57	10.86	75.73	Industrials
	0.57	11.43	77.36	Technology

#### **Total Holdings 641**

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



# Vanguard Total World Stock Index Admiral VTWAX

Morningstar Category Global Large-Stock Blend Morningstar Index MSCI ACWI NR USD

#### Portfolio Manager(s)

Christine Franquin since 02-2013 Scott Geiger since 11-2017

#### **Quantitative Screens**

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

Management: The fund's management has been in place for 10.86 years.

Net Expense: The fund's expense ratio of 0.1 is 89.69% lower than the Global Large-Stock Blend category average.

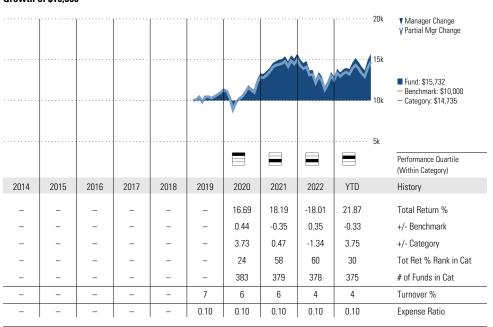
#### **Morningstar Investment Management LLC Analysis**

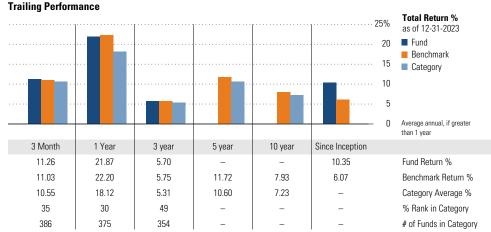
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

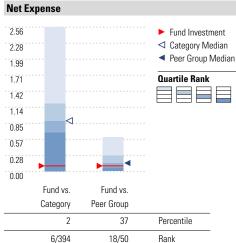
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	11-30-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

#### Growth of \$10,000







3- Tear hisk Wiellics			
	Fund	Bmark	Cat
Alpha	-	-	-
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	16.71	_	16.72
Sharpe Ratio	_	_	_
Tracking Error	_	_	_
Information Ratio	_	_	_
Up Capture Ratio	_	_	_
Down Capture Ratio	_	_	_

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.01	18.60	18.69
Price/Book Ratio	2.48	2.70	2.83
Geom Avg Mkt Cap \$B	81.34	121.33	107.81
ROE	23.99	25.71	24.27



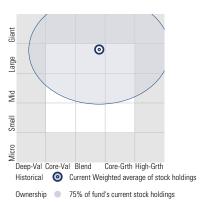
# Vanguard Total World Stock Index Admiral VTWAX

#### **Morningstar Category** Global Large-Stock Blend

#### Morningstar Index MSCI ACWI NR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



#### Style Breakdown

Equity

6	25 8	32 5	raige iviid oilie
2	3	1	

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2023



Sec	ctor Weighting as of 12-	31-2023			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	34.44	33.19	31.31	
A.	Basic Materials	4.66	4.39	4.40	
4	Consumer Cyclical	11.13	10.92	11.00	
<b>,</b>	Financial Services	15.50	15.45	13.86	
ŧ	Real Estate	3.15	2.43	2.05	
M	Sensitive	45.48	46.26	46.11	
	Communication Services	6.90	7.40	6.73	
•	Energy	4.53	4.59	5.01	
<b>Ģ</b>	Industrials	11.37	10.44	14.29	
	Technology	22.68	23.83	20.08	
<b>→</b>	Defensive	20.09	20.53	22.58	
=	Consumer Defensive	6.32	6.67	7.18	
ř	Healthcare	11.17	11.31	12.28	
•	Utilities	2.60	2.55	3.12	
					0% 5 10 15 20 25 30 35 40 45

#### World Regions % Equity 12-31-2023



Greater Asia	Fund % 17.98	Cat % 13.09
Japan	6.14	5.30
Australasia	2.04	0.77
Asia-4 Tigers	4.22	3.61
Asia-ex 4 Tigers	5.58	3.41
Not Classified	0.00	0.00

Americas	Fund % 64.64	Cat % 64.97	Greater Europe	Fund % 17.38	Cat % 21.93	Market Maturity	Fund %
North America	63.38	64.10	United Kingdom	3.57	5.24	Developed Markets	92.13
Central/Latin	1.26	0.87	W euro-ex UK	12.20	16.31	Emerging Markets	7.87
			Emrgng Europe	0.27	0.06	Not Available	0.00
			Africa	1.34	0.32		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
⇒ Apple Inc	3.72	3.72	48.91	Technology
Microsoft Corp	3.67	7.39	57.96	Technology
⊕ Amazon.com Inc	1.79	9.18	80.88	Consumer Cyclical
NVIDIA Corp	1.54	10.73	238.98	Technology
⊕ Alphabet Inc Class A	1.09	11.82	58.32	Communication Svc
⊕ Meta Platforms Inc Class A	1.03	12.84	194.13	Communication Svc
	0.92	13.77	58.83	Communication Svc
⊕ Tesla Inc	0.90	14.67	101.72	Consumer Cyclical
⊕ Mktliq 12/31/2049	0.81	15.48	_	_
Berkshire Hathaway Inc Class B	0.71	16.19	15.46	Financial Services

## Total Holdings 9827

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

## Vanguard Value Index Adm VVIAX

#### Portfolio Manager(s)

Gerard O'Reilly since 12-1994 Walter Nejman since 04-2016

#### Quantitative Screens

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

Management: The fund's management has been in place for 29.02 years.

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

Net Expense: The fund's expense ratio of 0.05 is 94.38% lower than the Large Value category average.

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

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

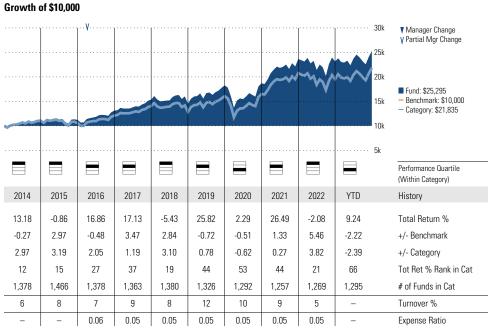
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

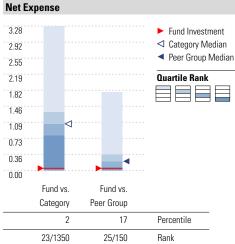


## Morningstar Index

Russell 1000 Value TR USD







3-1 car misk menics			
	Fund	Bmark	Cat
Alpha	_	_	_
Beta	_	_	_
R-Squared	_	_	_
Standard Deviation	15.91	_	16.66
Sharpe Ratio	_	_	-
Tracking Error	_	_	-
Information Ratio	_	_	-
Up Capture Ratio	_	_	-
Down Capture Ratio	_	_	-

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.07	16.63	16.52
Price/Book Ratio	2.62	2.30	2.53
Geom Avg Mkt Cap \$B	109.24	69.54	115.53
ROE	23.04	16.66	21.78



# Vanguard Value Index Adm VVIAX

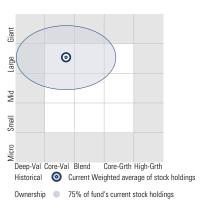
#### **Morningstar Category** Large Value

Morningstar Index

Russell 1000 Value TR USD

## Style Analysis as of 12-31-2023

Morningstar Style Box™



## Style Breakdown

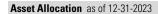
Equity

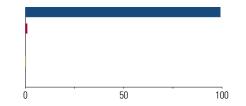
32	35	8	Large
11	13	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.21
Cash	0.16	1.01
Bonds	0.00	0.15
Non-US Stocks	0.78	5.89
US Stocks	99.06	91.73
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2023											
		Fund	Bmark	Cat	Fund	•	Benchmark	[] C	ategory /	Average			
b	Cyclical	30.30	35.74	33.05									
A.	Basic Materials	2.62	4.30	3.60									
<b>A</b>	Consumer Cyclical	4.00	5.52	6.76		<b>=</b> [ [							
æ	Financial Services	20.46	20.80	19.37			:						
<b>fi</b>	Real Estate	3.22	5.12	3.32		(							
W	Sensitive	35.53	37.05	38.47									[
	Communication Services	3.55	4.80	5.87			_						
•	Energy	6.98	7.80	8.65			ı [						
Ф	Industrials	13.64	13.63	11.52									
	Technology	11.36	10.82	12.43							_		
<b>→</b>	Defensive	34.17	27.21	28.48									
Ħ	Consumer Defensive	10.46	7.75	8.51				į					
+	Healthcare	18.82	14.65	15.07			*						
•	Utilities	4.89	4.81	4.90									
					0%	5	10	15	20	25	30	35	4

<b>Top 15 Holdings</b> as of 12-31-2023				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Berkshire Hathaway Inc Class B	3.48	3.48	15.46	Financial Services
⊕ Broadcom Inc	2.65	6.13	103.05	Technology
→ JPMorgan Chase & Co	2.63	8.77	29.87	Financial Services
─ UnitedHealth Group Inc	2.61	11.37	0.68	Healthcare
─ Exxon Mobil Corp	2.14	13.51	-6.02	Energy
⊖ Johnson & Johnson	2.02	15.53	-8.61	Healthcare
	1.85	17.38	-0.85	Consumer Defensive
	1.48	18.86	0.93	Healthcare
AbbVie Inc	1.46	20.32	-0.45	Healthcare
○ Chevron Corp	1.43	21.76	-13.53	Energy
○ PepsiCo Inc	1.25	23.00	-3.25	Consumer Defensive
Walmart Inc     ■     Walmart Inc     ■     Walmart Inc     ■     Walmart Inc     ■     Walmart Inc     ■     Walmart Inc     ■     Walmart Inc     ■     Walmart Inc     ■     Walmart Inc     ■     Walmart Inc     ■     Walmart Inc     Walmart I	1.25	24.25	12.79	Consumer Defensive
⊖ Coca-Cola Co	1.23	25.48	-4.46	Consumer Defensive
⊕ Bank of America Corp	1.21	26.69	4.44	Financial Services
	1.13	27.83	92.92	Technology

Total Holdings 352

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

