American Century Mid Cap Value I AVUAX

Morningstar Category
Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Portfolio Manager(s)

Phillip Davidson since 03-2004 Michael Liss since 03-2004 Kevin Toney since 08-2008 Brian Woglom since 02-2012 Nathan Rawlins since 03-2022

Quantitative Screens

- Q Performance: The fund has finished in the Mid-Cap
 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 18.51 years.
- Net Expense: The fund's expense ratio of 0.77 is 22.22% lower than the Mid-Cap Value category average.

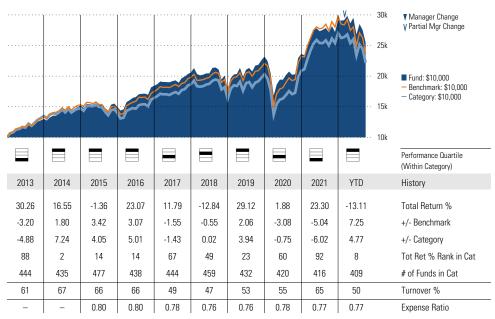
Morningstar Investment Management LLC Analysis

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

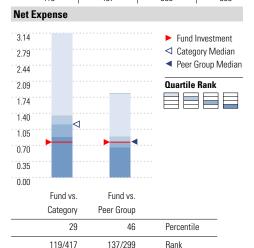
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022
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	1.28	_	0.52
Beta	0.83	-	1.00
R-Squared	96.41	-	96.16
Standard Deviation	20.11	23.86	24.29
Sharpe Ratio	0.33	0.28	0.29
Tracking Error	5.60	-	5.16
Information Ratio	0.17	-	0.07
Up Capture Ratio	86.36	-	99.34
Down Capture Ratio	81.81	-	98.03

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	17.47	12.78	12.07					
Price/Book Ratio	2.20	1.86	1.68					
Geom Avg Mkt Cap \$B	18.01	14.50	11.80					
ROE	15.62	15.61	18.22					



American Century Mid Cap Value I AVUAX

Morningstar Category Morningstar Index

Mid-Cap Value Russell Mid Cap Value TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

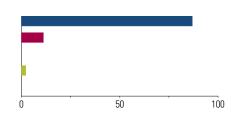
Equity

1. /			
10	9	1	Large
30	26	5	Mid
12	6	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2022

Total	100.00	100.00
Other	0.00	0.26
Cash	2.08	2.46
Bonds	0.00	0.05
Non-US Stocks	11.08	6.72
US Stocks	86.84	90.50
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Ben	chmarl	: [] Ca	ategory	Avera	ge	_
وا	Cyclical	37.27	46.07	41.08									
à.	Basic Materials	2.12	5.87	5.82									
	Consumer Cyclical	8.94	10.16	10.46									
<u></u>	Financial Services	19.12	17.84	18.41									
à	Real Estate	7.09	12.20	6.39			1	'					
ŲT.	Sensitive	30.04	33.19	33.83									
	Communication Services	1.58	3.59	3.06		' <u>.</u>							
	Energy	6.08	5.26	6.91									
>	Industrials	15.69	14.35	15.16									
1	Technology	6.69	9.99	8.70					Ė				
+	Defensive	32.69	20.72	25.09									
Ţ	Consumer Defensive	10.54	4.43	6.92									
r	Healthcare	14.87	7.39	11.57		,							
1	Utilities	7.28	8.90	6.60			7						

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Zimmer Biomet Holdings Inc	3.33	3.33	-14.74	Healthcare
⊕ Northern Trust Corp	2.39	5.72	-26.67	Financial Services
⊕ Southwest Airlines Co	2.09	7.81	-28.01	Industrials
⊕ Emerson Electric Co	2.03	9.84	-19.58	Industrials
Bank of New York Mellon Corp	2.01	11.85	-31.87	Financial Services
⊕ iShares Russell Mid-Cap Value ETF	2.01	13.86	_	_
⊕ Dollar Tree Inc	1.99	15.85	-3.15	Consumer Defensive
⊕ Advance Auto Parts Inc	1.98	17.83	-32.95	Consumer Cyclical
	1.96	19.80	8.02	Financial Services
⊕ Conagra Brands Inc	1.95	21.74	-1.65	Consumer Defensive
⊕ Edison International	1.86	23.60	-14.02	Utilities
⊕ Universal Health Services Inc Class B	1.83	25.43	-31.53	Healthcare
Quest Diagnostics Inc	1.78	27.22	-27.96	Healthcare
⊕ Devon Energy Corp	1.72	28.94	45.18	Energy
⊕ Reinsurance Group of America Inc	1.71	30.65	16.97	Financial Services

Total Holdings 102



American Funds New Perspective R6 RNPGX

Morningstar Category Global Large-Stock Growth

Morningstar Index MSCI ACWI NR USD

Portfolio Manager(s)

Robert Lovelace since 12-2000 Jonathan Knowles since 12-2004 Joanna Jonsson since 12-2005 Brady Enright since 12-2005 Steven Watson since 12-2005 Noriko Chen since 04-2012 Andraz Razen since 07-2015 Barbara Burtin since 12-2018 Patrice Collette since 12-2018

Quantitative Screens

Performance: The fund has finished in the Global Large-Stock 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 21.84 years.

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

Net Expense: The fund's expense ratio of 0.41 is 62.04% lower than the Global Large-Stock Growth category

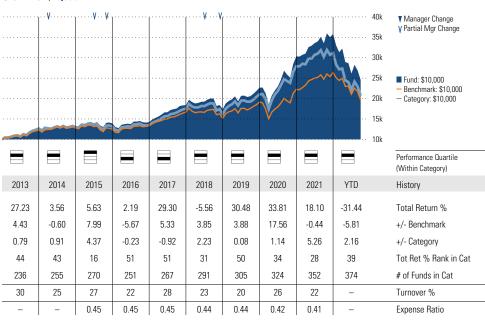
Morningstar Investment Management LLC Analysis

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

ESG Metrics

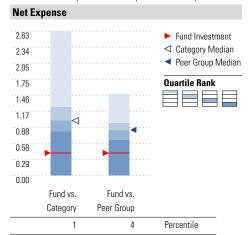
Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	02-15-2022

Growth of \$10,000



Trailing Performance





10/253 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.14	_	-0.39
Beta	1.09	_	1.05
R-Squared	95.96	_	88.49
Standard Deviation	21.64	19.40	21.81
Sharpe Ratio	0.35	0.25	0.22
Tracking Error	4.70	_	7.39
Information Ratio	0.49	_	-0.07
Up Capture Ratio	115.03	_	104.64
Down Capture Ratio	107.80	_	107.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.57	14.51	20.74
Price/Book Ratio	3.19	2.27	3.65
Geom Avg Mkt Cap \$B	100.40	85.50	104.55
ROE	26.11	26.08	25.43



4/381

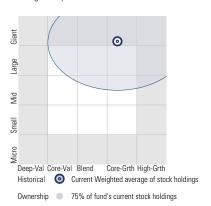
American Funds New Perspective R6 RNPGX

Morningstar Category Morningstar Index Global Large-Stock Growth

MSCI ACWI NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

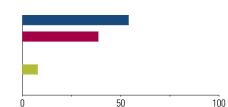
Equity

13	30	42	Large
2	5	8	Mid
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

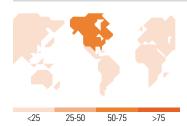


Asset Allocation as of 09-30-2022

Asset Class Net % Cat% US Stocks 56.34 53.91 Non-US Stocks 38.47 40.39 Bonds 0.00 0.00 Cash 7.62 2.91 Other 0.00 0.37 Total 100.00 100.00

		Fund	Bmark	Cat	Fund	▼ Ben	chmark] Ca	tegory	Averaç	je_	
٠	Cyclical	36.38	34.31	31.08								
ì.	Basic Materials	5.73	4.54	3.16								
	Consumer Cyclical	17.52	11.20	12.63		· V						
<u></u>	Financial Services	12.41	15.78	14.13			■ [] [*]					
à	Real Estate	0.72	2.79	1.16	■[]							
Ųf.	Sensitive	37.69	41.71	45.10								
	Communication Services	7.01	7.48	7.71								
	Energy	3.85	5.25	2.08								
>	Industrials	9.20	9.59	11.06								
1	Technology	17.63	19.39	24.25				1				
+	Defensive	25.93	23.97	23.82								
Ţ	Consumer Defensive	6.63	7.83	5.62)						
1	Healthcare	17.93	13.05	16.92								
1	Utilities	1.37	3.09	1.28								

World Regions % Equity 09-30-2022



Greater Asia	Fund % 11.29	Cat % 14.50
Japan	3.06	4.42
Australasia	0.30	0.40
Asia-4 Tigers	5.55	4.12
Asia-ex 4 Tigers	2.38	5.56
Not Classified	0.00	0.00

Americas	Fund % 62.73	Cat % 61.21	Greater Europe	Fund % 25.97	Cat % 24.27	Market Maturity	Fund %
North America	60.81	59.88	United Kingdom	4.84	4.85	Developed Markets	95.40
Central/Latin	1.92	1.33	W euro-ex UK	20.57	19.24	Emerging Markets	4.60
			Emrgng Europe	0.00	0.01	Not Available	0.00
			Africa	0.56	0.17		

Top 10 Holdings as of 09-30-2022								
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector				
⊕ Capital Group Central Cash Fund	7.62	7.62	-	_				
⊕ Tesla Inc	6.56	14.18	-24.70	Consumer Cyclical				
	4.14	18.32	-30.20	Technology				
	2.19	20.51	-30.04	Technology				
	1.53	22.04	-59.66	Communication Svc				
	1.45	23.49	-32.22	Consumer Cyclical				
⊖ Eli Lilly and Co	1.43	24.92	18.13	Healthcare				
⊕ Novo Nordisk A/S Class B	1.42	26.34	4.70	Healthcare				
○ Nestle SA	1.31	27.64	-14.55	Consumer Defensive				
	1.29	28.93	-33.54	Communication Svc				

Total Holdings 300

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



American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Nicholas Grace since 01-2008
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Jonathan Knowles since 01-2016
Bradford Freer since 01-2017
Akira Shiraishi since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020

Quantitative Screens

Piyada Phanaphat since 01-2020

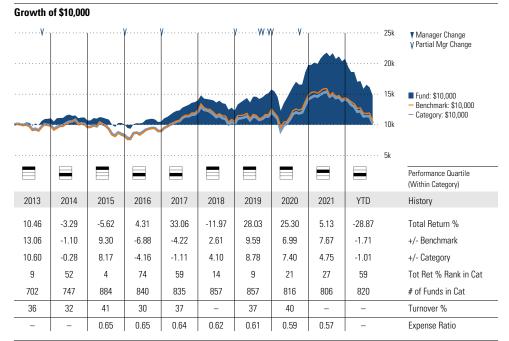
- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 23.3 years.
- Style: The fund has landed in its primary style box —
 Large Growth 100 % of the time over the past three
 years.
- Net Expense: The fund's expense ratio of 0.57 is 50.86% lower than the Diversified Emerging Mkts category average.

Morningstar Investment Management LLC Analysis

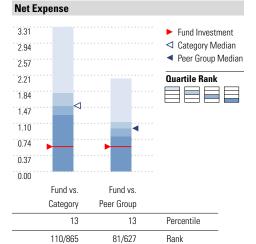
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
FSG Commitment	1-l ow	02-15-2022



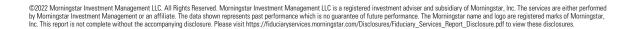




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	2.85	_	-0.04
Beta	0.93	_	1.01
R-Squared	83.08	_	89.15
Standard Deviation	19.53	19.18	20.61
Sharpe Ratio	0.10	-0.05	-0.05
Tracking Error	8.15	_	6.63
Information Ratio	0.34	_	-0.10
Up Capture Ratio	101.44	_	101.61
Down Capture Ratio	90.68	_	102.73

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.80	9.97	10.69
Price/Book Ratio	2.67	1.51	1.71
Geom Avg Mkt Cap \$B	49.35	30.78	38.21
ROE	23.44	17.48	18.39



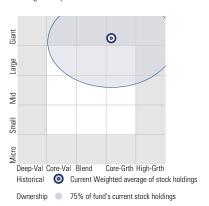


American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

14	30	41	Large
2	5	8	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2022

Asset Class	Net %	Cat%
US Stocks	24.77	3.08
Non-US Stocks	62.17	94.37
Bonds	3.24	0.04
Cash	9.22	2.74
Other	0.61	-0.24

100.00

100.00

Sec	ctor Weighting as of 09-3	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
<u></u>	Cyclical	38.94	46.87	45.10	
A	Basic Materials	9.21	8.82	6.85	
A	Consumer Cyclical	12.36	13.38	14.50	
P	Financial Services	15.63	22.67	21.97	
命	Real Estate	1.74	2.00	1.78	
W	Sensitive	36.60	39.51	40.66	
d	Communication Services	5.61	10.09	9.06	
•	Energy	4.49	5.41	5.15	
Ф	Industrials	9.78	5.71	5.98	
	Technology	16.72	18.30	20.47	
→	Defensive	24.45	13.61	14.23	
Ħ	Consumer Defensive	7.84	6.38	7.44	
+	Healthcare	14.34	4.11	4.94	
•	Utilities	2.27	3.12	1.85	
					0% 5 10 15 20 25 30 35 40 45 5

100

Total

World Regions % Equity 09-30-2022



Greater Asia	Fund % 39.96	Cat % 75.82	
Japan	2.37	0.09	
Australasia	0.71	0.04	
Asia-4 Tigers	6.72	24.94	
Asia-ex 4 Tigers	30.16	50.75	
Not Classified	0.00	0.00	

Americas	Fund % 39.27	Cat % 14.15	Greater Europe	Fund % 20.78	Cat % 10.02	Market Maturity	Fund %
North America	30.17	3.05	United Kingdom	2.68	0.64	Developed Markets	59.14
Central/Latin	9.10	11.10	W euro-ex UK	16.04	1.63	Emerging Markets	40.86
			Emrgng Europe	0.17	1.13	Not Available	0.00
			Africa	1.89	6.62		

Top 10 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	9.10	9.10	-	_
	3.08	12.18	-30.20	Technology
	2.15	14.32	1.34	Financial Services
Taiwan Semiconductor Manufacturing Co Ltd	1.84	16.16	-30.04	Technology
Kweichow Moutai Co Ltd Class A	1.75	17.91	-7.71	Consumer Defensive
⊕ Reliance Industries Ltd	1.71	19.63	0.71	Energy
⊕ Novo Nordisk A/S Class B	1.31	20.94	4.70	Healthcare
⊕ Thermo Fisher Scientific Inc	1.27	22.21	-23.85	Healthcare
⊕ AIA Group Ltd	1.23	23.44	-14.84	Financial Services
⊕ Eli Lilly and Co	1.20	24.64	18.13	Healthcare

Total Holdings 582



American Funds Washington Mutual R6 RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

Alan Berro since 07-1997
Jeffrey Lager since 07-2004
Alan Wilson since 07-2013
Diana Wagner since 06-2014
Jin Lee since 07-2014
Eric Stern since 11-2014
Irfan Furniturewala since 06-2015
Emme Kozloff since 07-2016
Mark Casey since 07-2016

Quantitative Screens

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

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

× Style: The fund has landed in its primary style box — Large Blend — 30 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.26 is 67.5% lower than the Large Blend category average.

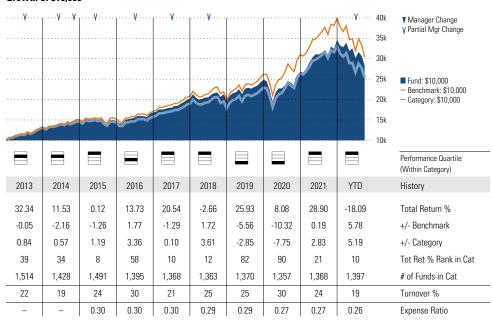
Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen as the portfolio has slightly drifted from the large-blend portion of the Morningstar style box to the large-value portion however, the underlying investment strategy remains consistent so we are not concerned with this style failure.

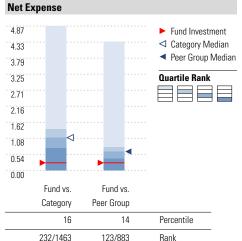
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



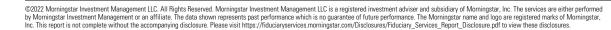




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.11	_	-1.32
Beta	0.88	_	0.96
R-Squared	93.37	_	95.48
Standard Deviation	18.40	20.30	19.87
Sharpe Ratio	0.43	0.45	0.37
Tracking Error	5.37	-	4.01
Information Ratio	-0.20	-	-0.98
Up Capture Ratio	87.99	-	92.89
Down Capture Ratio	88.72	_	97.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.02	17.98	18.23
Price/Book Ratio	2.88	3.38	3.60
Geom Avg Mkt Cap \$B	121.35	164.20	210.33
ROE	29.82	31.94	32.91





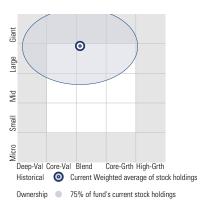
American Funds Washington Mutual R6 RWMGX

Morningstar Category Large Blend S&P 500 TR USD

Morningstar Index

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

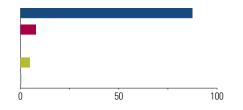
23	48	16	raige
4	8	1	IVIIO
0	0	0	JIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.26	1.09
Cash	4.63	0.53
Bonds	0.00	0.87
Non-US Stocks	7.73	2.67
US Stocks	87.39	94.84
Asset Class	Net %	Cat%

Se	ctor Weighting as of 09-	30-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
	Cyclical	26.94	29.69	29.07	
A	Basic Materials	2.45	2.24	2.66	
A	Consumer Cyclical	6.58	11.44	10.23	
ê	Financial Services	16.55	13.11	13.64	
æ	Real Estate	1.36	2.90	2.54	
M	Sensitive	39.96	44.73	45.16	
	Communication Services	5.34	8.07	7.92	
ð	Energy	6.63	4.55	4.06	
Ф	Industrials	11.70	8.32	10.09	
	Technology	16.29	23.79	23.09	
→	Defensive	33.10	25.58	25.75	
	Consumer Defensive	6.40	7.33	7.35	
٠	Healthcare	23.59	15.18	15.61	
Ţ	Utilities	3.11	3.07	2.79	

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
				· ·
	5.12	5.12	-30.20	Technology
→ Broadcom Inc	4.88	10.00	-31.42	Technology
⊕ Capital Group Central Cash Fund	4.66	14.66	_	_
⊕ UnitedHealth Group Inc	4.61	19.27	1.52	Healthcare
→ Pfizer Inc	2.49	21.76	-23.86	Healthcare
⊕ CVS Health Corp	2.33	24.09	-5.95	Healthcare
Marsh & McLennan Companies Inc	2.33	26.42	-13.16	Financial Services
○ Comcast Corp Class A	2.20	28.62	-40.15	Communication Svc
⊕ Northrop Grumman Corp	1.99	30.61	22.81	Industrials
	1.93	32.54	-2.57	Healthcare
The Home Depot Inc	1.86	34.39	-32.14	Consumer Cyclical
⊕ CME Group Inc Class A	1.78	36.18	-21.15	Financial Services
⊕ Eli Lilly and Co	1.65	37.83	18.13	Healthcare
AbbVie Inc	1.33	39.16	2.52	Healthcare
⊕ JPMorgan Chase & Co	1.30	40.46	-32.11	Financial Services

Total Holdings 192



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 22.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 49.15% lower than the Intermediate Core Bond category average.

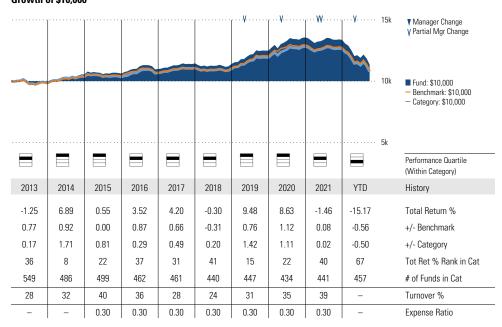
Morningstar Investment Management LLC Analysis

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.

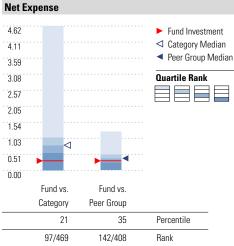
ESG Metrics

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

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2022 Fund Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % -4.66 -15.26 -3.07 -0.09 1.36 4.20 -4.75 -14.60 -3.26 -0.27 0.89 6.63 Benchmark Return % -4 64 -3 22 0.77 -14 86 -0.40 Category Average % 46 64 33 24 10 % Rank in Category 470 448 404 366 272 # of Funds in Category



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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.35	_	0.06
Beta	1.04	_	1.00
R-Squared	95.90	-	91.94
Standard Deviation	5.71	5.36	5.61
Sharpe Ratio	-0.62	-0.70	-0.67
Tracking Error	1.18	-	1.53
Information Ratio	0.16	-	-0.06
Up Capture Ratio	113.98	-	104.83
Down Capture Ratio	106.21	-	102.46

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.58	4.43	5.95
Avg Eff Maturity	8.50	_	8.08



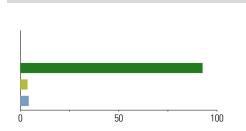
Duration

Baird Aggregate Bond Inst BAGIX

BAGIX Asset Allocation as of 09-30-2022

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





Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	92.52	94.93
Cash	3.43	2.71
Other	4.05	2.30
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	58.90	3.53	48.24
AA	3.70	74.59	11.54
A	12.90	10.82	24.71
BBB	23.90	8.32	12.75
BB	0.60	0.28	1.25
В	0.00	0.00	0.50
Below B	0.00	0.00	0.28
Not Rated	0.00	2.46	0.73

Sector Weighting as of 09-		Б	0				. П ~					
	Fund	Bmark	Cat	Fund		Benchma	ark [] C	ategory	Average			
Government	28.46	_	30.91		:	1		:				
Treasury	28.43	_	24.98									
Inflation – Protected	0.00	-	1.47									
Agency/Quasi Agency	0.03	_	1.12									
Other Government Related	0.00	_	3.34	į								
Corporate	38.86	-	26.16									
Corporate Bond	34.88	_	24.80									
Bank Loan	0.00	_	0.05									
Convertible	3.98	_	1.27									
Preferred	0.00	_	0.04									
Securitized	28.13	-	34.55									
Agency MBS Pass-Through	16.70	_	22.81									
Agency MBS ARM	0.00	_	0.18									
Agency MBS CM0	2.92	_	2.43									
Non-Agency Residential MBS	0.39	_	0.20									
Commercial MBS	4.61	_	2.81									
Asset-Backed	3.51	-	6.12									
Covered Bond	0.00	_	0.00									
Municipal	1.08	-	0.67	10								
Cash & Equivalents	3.47	-	5.99									
Other	0.00	_	1.74	[
				0%	5	10	15	20	25	30	35	4(

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 2.5%	02-2045	4.09	4.09	_
United States Treasury Bonds 2.88%	05-2043	3.42	7.52	_
	02-2030	3.16	10.68	_
	07-2024	3.02	13.70	_
⊕ United States Treasury Notes 1.13%	08-2028	2.96	16.67	-
─ United States Treasury Notes 2.25%	11-2025	2.81	19.48	_
□ United States Treasury Notes 2.25%	11-2027	2.02	21.50	_
─ United States Treasury Bonds 1.38%	11-2040	1.99	23.48	_
	11-2026	1.65	25.13	_
⊕ United States Treasury Notes 1.25%	08-2031	1.60	26.73	_

Total Holdings 1528



BlackRock Global Allocation Instl MALOX

Morningstar Category Global Allocation Morningstar Index

Morningstar Gbl Allocation TR USD

Portfolio Manager(s)

Russ Koesterich since 01-2017 David Clayton since 01-2017 Rick Rieder since 04-2019

Quantitative Screens

Q Performance: The fund has finished in the Global Allocation category's top three quartiles in 9 of the 10 years it's been in existence.

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

Net Expense: The fund's expense ratio of 0.84 is 26.96% lower than the Global Allocation category average.

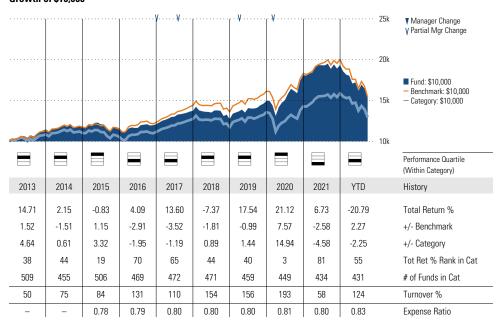
Morningstar Investment Management LLC Analysis

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

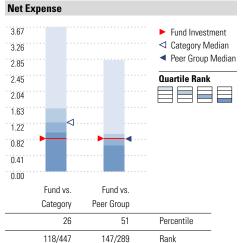
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	07-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.48	_	0.24
Beta	1.00	_	0.99
R-Squared	97.70	_	87.90
Standard Deviation	13.85	13.72	14.59
Sharpe Ratio	0.22	0.04	0.04
Tracking Error	2.10	-	5.05
Information Ratio	1.19	-	-0.02
Up Capture Ratio	105.82	-	99.99
Down Capture Ratio	92.51	_	99.51

Fund	Bmark	Cat
18.56	14.02	14.05
2.84	2.13	1.98
0.81	-	4.07
	18.56	18.56 14.02 2.84 2.13



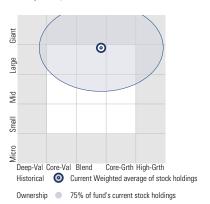
BlackRock Global Allocation Instl MALOX

Morningstar Index

Morningstar Category Global Allocation Morningstar GbI Allocation TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity				ΓD
18	30	34	Large	
4	7	5	Mid	
1	1	1	Small	
Value	Dland	Croudb		14.

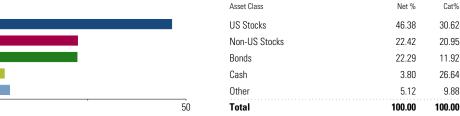
Value Blend Growth

Fixed Income Quality High Μid Low Ltd Mod Duration

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

Asset Class

Asset Allocation as of 09-30-2022



	Fund	Bmark	Cat	Fund	•	Bend	hmarl	([C	ategory	/ Avera	ge _		
⊌ Cyclical	34.01	35.42	39.75		· ·							[
Basic Materials	7.75	4.85	6.82										
Consumer Cyclical	14.01	11.43	8.88										
Financial Services	10.58	15.70	11.58				- 1						
Real Estate	1.67	3.44	12.47			[
✓ Sensitive	45.27	41.15	37.81										
Communication Services	7.98	6.86	5.40										
Energy	8.74	5.12	8.32		_] [
Industrials	9.07	10.73	10.75										
Technology	19.48	18.44	13.34										
→ Defensive	20.72	23.41	22.44										
Consumer Defensive	4.43	7.61	5.93				_						
Healthcare	14.01	12.66	10.54										
Utilities	2.28	3.14	5.97										

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Microsoft Corp	_	2.70	2.70	-30.20	Technology
	06-2022	2.31	5.02	_	_
→ Apple Inc	-	2.20	7.22	-21.79	Technology
→ Alphabet Inc Class C	_	1.75	8.97	-33.54	Communication Svc
⊕ Amazon.com Inc	-	1.68	10.65	-32.22	Consumer Cyclical
─ UnitedHealth Group Inc	_	1.33	11.98	1.52	Healthcare
○ ConocoPhillips	-	1.24	13.22	47.02	Energy
	07-2022	1.21	14.43	_	_
Mastercard Inc Class A	-	1.02	15.45	-20.46	Financial Services
	_	0.94	16.39	8.88	Energy

Total Holdings 2062



BlackRock Inflation Protected Bond Instl BPRIX

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

Portfolio Manager(s)

Christopher Allen since 02-2017 David Rogal since 03-2018

Quantitative Screens

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

Management: The fund's management has been in place for 5.63 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.35 is 40.68% lower than the Inflation-Protected Bond category

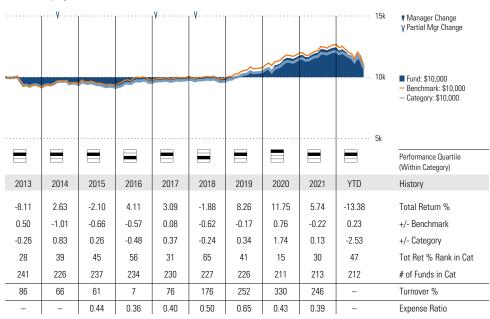
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

Growth of \$10,000



Trailing Performance



Net Expe	ense		
2.03 1.80 1.58 1.35 1.13			► Fund Investment < Category Median < Peer Group Median Quartile Rank
0.68 0.45 0.23 0.00	4		
	Fund vs. Category	Fund vs. Peer Group	
	29	38	Percentile

63/217	63/166	Rank	
Peer group is a subset of t	the category ar	nd includes funds	with the
same management style (active vs. pass	ive) and similar s	hare class
characteristics.			

3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.37	-	0.20
Beta	1.03	-	0.91
R-Squared	98.80	-	88.08
Standard Deviation	7.13	6.87	6.78
Sharpe Ratio	0.11	0.06	0.10
Tracking Error	0.81	-	2.52
Information Ratio	0.48	-	-0.20
Up Capture Ratio	103.86	-	92.73
Down Capture Ratio	99.60	-	90.87

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.86	4.52	6.08
Avg Eff Maturity	9.04	_	6.57





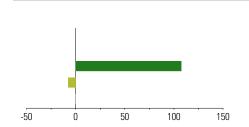
BlackRock Inflation Protected Bond Instl BPRIX

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

Style Analysis as of 09-30-2022 **Style Breakdown**





Asset Allocation as of 09-30-2022

Total	100.00	100.00
Other	0.07	0.95
Cash	-7.54	1.40
Bonds	107.38	97.50
Non-US Stocks	0.00	0.00
US Stocks	0.09	0.15
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	96.11	0.00	94.89
AA	0.71	99.60	0.55
A	0.21	0.00	1.01
BBB	0.57	0.00	2.40
BB	0.45	0.00	0.41
В	0.00	0.00	0.24
Below B	0.00	0.00	0.11
Not Rated	1.95	0.40	0.39

	Fund	Bmark	Cat	Fund	▼ Be	enchmar	c Ca	ategory	Averac	ie .		
Government	87.86		89.38	Tana		, , , , , ,		atogo.,	7 11 01 02	,,,		
Treasury	2.24	_	0.32									
Inflation – Protected	85.61	_	83.82									
Agency/Quasi Agency	0.00	_	0.03									
Other Government Related	0.01	_	5.21									
Corporate	1.94	_	2.54									
Corporate Bond	1.88	_	2.26									
Bank Loan	0.00	_	0.18									
Convertible	0.06	_	0.10									
Preferred	0.00	_	0.00									
Securitized	2.82	-	4.91									
Agency MBS Pass-Through	0.00	_	0.60	0								
Agency MBS ARM	0.00	_	0.00									
Agency MBS CMO	0.00	_	0.41									
Non-Agency Residential MBS	0.19	_	0.24									
Commercial MBS	0.53	_	0.84	0								
Asset-Backed	2.10	_	2.64									
Covered Bond	0.00	_	0.18									
Municipal	0.00	_	0.02									
Cash & Equivalents	7.34	_	2.40									
Other	0.05	_	0.74									

Top 10 Holdings as of 09-30-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Rrp Treasury (Cpi) Note	_	9.73	9.73	_
─ Usd Cash(Alpha Committed)	_	5.92	15.65	_
⊕ United States Treasury Notes 0.125%	01-2030	4.04	19.69	-
① United States Treasury Notes 0.375%	07-2023	3.78	23.47	-
⊕ United States Treasury Notes 0.625%	01-2024	3.61	27.08	-
⊕ Federal National Mortgage Association 3%	05-2022	3.54	30.62	_
⊕ United States Treasury Notes 0.125%	07-2031	3.42	34.04	-
⊕ United States Treasury Notes 0.625%	04-2023	3.35	37.39	-
⊕ United States Treasury Notes 0.375%	07-2025	3.32	40.71	-
① United States Treasury Notes 0.125%	07-2024	3.27	43.98	_

Total Holdings 267



BrandywineGLOBAL Global Opp Bond IS GOBSX

Morningstar Category Global Bond Morningstar Index

Bloomberg Gbl Agg Ex USD TR USD

Portfolio Manager(s)

David Hoffman since 11-2006 Jack McIntyre since 02-2012 Anujeet Sareen since 01-2017 Tracy Chen since 12-2020 Brian Kloss since 12-2020

Quantitative Screens

Performance: The fund has finished in the Global Bond category's top three quartiles in 8 of the 10 years it's been in existence

Management: The fund's management has been in place for 15.92 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.56 is 35.63% lower than the Global Bond category average.

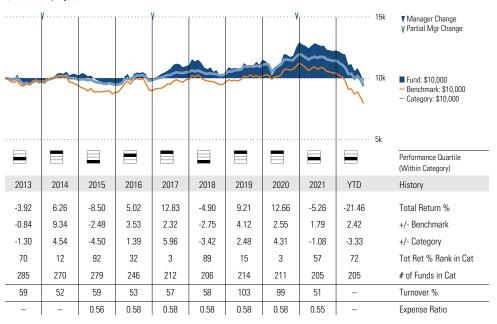
Morningstar Investment Management LLC Analysis

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Management's quantitative screens. Morningstar
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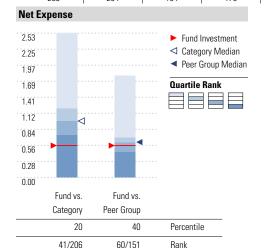
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022

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	5.34	_	1.00
Beta	1.19	_	0.87
R-Squared	76.35	_	78.79
Standard Deviation	11.59	8.48	8.35
Sharpe Ratio	-0.39	-0.97	-0.78
Tracking Error	5.87	_	4.24
Information Ratio	0.57	_	0.44
Up Capture Ratio	162.37	_	99.86
Down Capture Ratio	106.26	_	86.90

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	5.51	_	6.06
Avg Eff Maturity	9.27	-	8.65



BrandywineGLOBAL Global Opp Bond IS GOBSX

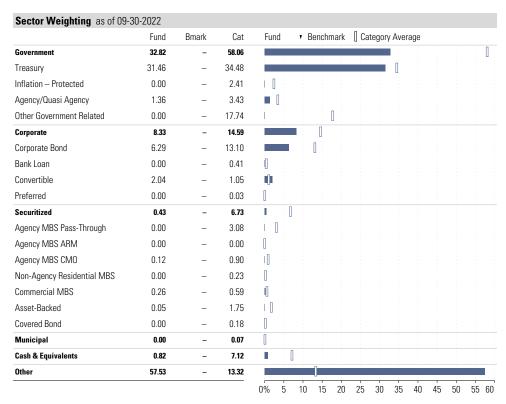
 Morningstar Category
 Morningstar Index

 Global Bond
 Bloomberg Gbl Agg Ex USD TR USD

Style An	alysis	as of 09-30-2022
Style Brea	kdown	
Fixed Incom	ie	Quality
		High
		Mid
		Low
Ltd Mod	d Ext	
Duration		



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	42.39	_	36.68
AA	13.33	_	11.51
A	12.83	_	18.06
BBB	20.23	_	20.73
BB	11.05	_	8.55
В	0.17	_	2.74
Below B	0.00	_	1.13
Not Rated	0.00	_	0.60



Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 0.65493%	01-2023	17.91	17.91	_
⊕ Usd/Eur Fwd 20220502 57079	05-2022	10.29	28.20	_
⊕ Usd/Jpy Fwd 20220622 57079	06-2022	10.18	38.38	_
⊕ Eur/Usd Fwd 20220502 57079	05-2022	10.04	48.42	_
⊕ Jpy/Usd Fwd 20220622 57079	06-2022	9.63	58.04	_
⊕ United States Treasury Notes 0.64093%	10-2023	8.88	66.92	_
United States Treasury Notes 0.63493%	07-2023	8.11	75.04	_
⊕ Nok/Usd Fwd 20220621 50	06-2022	7.20	82.23	_
⊕ Usd/Nok Fwd 20220621 50	06-2022	7.13	89.36	_
⊕ Krw/Usd Fwd 20220614 418	06-2022	5.57	94.93	_

Total Holdings 148



Eaton Vance Income Fund of Boston I EIBIX

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

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the High Yield 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 7.91 years.

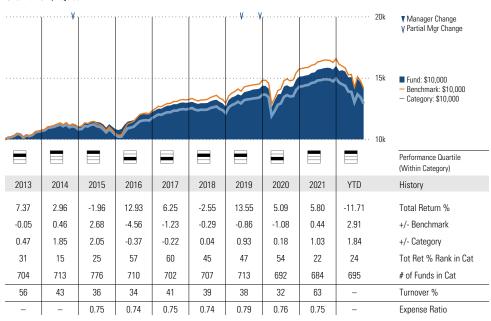
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.75 is 16.67% lower than the High Yield Bond category average.

Morningstar Investment Management LLC Analysis

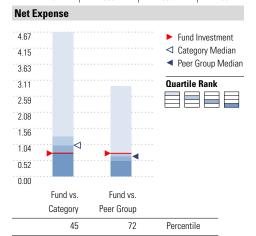
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

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.

334/465

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	0.68	_	-0.22
Beta	0.91	_	0.95
R-Squared	98.95	_	95.19
Standard Deviation	10.14	11.14	10.79
Sharpe Ratio	0.00	-0.06	-0.07
Tracking Error	1.48	_	2.50
Information Ratio	0.53	_	-0.16
Up Capture Ratio	91.13	_	91.62
Down Capture Ratio	85.66	_	93.77

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	_	_	3.71
Avg Eff Maturity	_	_	5.59



323/719

Duration

Eaton Vance Income Fund of Boston I EIBIX

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

Style Analys	is as	of 09-30-2022
Style Breakdov Fixed Income	wn	0 11:
TIXCU IIICOIIIC		Quality 王: gh
		Mid
		Low
Ltd Mod E	xt	

Ō	50	100

Asset Allocation as of 09-30-2022

Total	100.00	100.00
Other	1.80	4.13
Cash	4.20	3.24
Bonds	90.73	91.71
Non-US Stocks	0.18	0.03
US Stocks	3.09	0.89
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	_	1.75
AA	0.00	_	0.05
A	0.00	_	0.19
BBB	1.97	_	4.19
BB	45.29	_	35.65
В	38.35	_	37.64
Below B	9.71	_	18.17
Not Rated	4.68	_	2.36

	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Avera	ige
Government	0.00	-	2.39	10			
Treasury	0.00	_	0.69	0			
Inflation – Protected	0.00	_	0.01	Ò			
Agency/Quasi Agency	0.00	_	0.12	0			
Other Government Related	0.00	_	1.57	10			
Corporate	95.62	-	88.30]
Corporate Bond	90.59	_	81.83				
Bank Loan	3.74	_	5.20				
Convertible	0.49	_	1.18	0			
Preferred	0.80	_	0.09	D			
Securitized	0.00	-	2.07				
Agency MBS Pass-Through	0.00	_	0.06				
Agency MBS ARM	0.00	_	0.00				
Agency MBS CMO	0.00	_	0.22				
Non-Agency Residential MBS	0.00	_	0.14				
Commercial MBS	0.00	_	0.61	0			
Asset-Backed	0.00	_	1.04	0			
Covered Bond	0.00	_	0.00				
Municipal	0.00	-	0.03	0			
Cash & Equivalents	4.38	-	6.13				
Other	0.00	_	1.08	10			

Top 10 Holdings as of 09-30-2022 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ① Msilf Government Portfolio Msilf Government Portfolio 12-2030 4.19 4.19 Option on Peninsula Gaming Partners (Unit) 12-2049 2.64 6.82 CCO Holdings, LLC/CCO Holdings Capital Corp. 4.5% 08-2030 0.83 7.66 Mozart Debt Merger Subordinated Inc. 5.25% 10-2029 0.64 8.29 Neptune Energy Bondco PLC 6.625% 05-2025 0.63 8.93 SRM Escrow Issuer Llc 6% 11-2028 0.58 9.51 Sprint Capital Corporation 6.875% 11-2028 0.57 10.09 Rolls-Royce PLC 5.75% 0.55 10-2027 10.64 WESCO International Inc 10.625% PRF PERPETUAL USD 25 - Ser A 1/1000 Dep Sh 12-2049 0.53 11.17

02-2030

0.52

11.69

Total Holdings 448

Centene Corporation 3.375%



JPMorgan Large Cap Growth R6 JLGMX

Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Portfolio Manager(s)

Giri Devulapally since 08-2004 Joseph Wilson since 11-2020 Larry Lee since 11-2020 Holly Fleiss since 01-2022

Quantitative Screens

- Performance: The fund has finished in the Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 18.17 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.44 is 54.17% lower than the Large Growth category average.

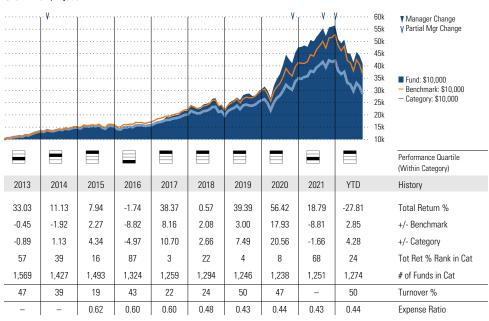
Morningstar Investment Management LLC Analysis

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.

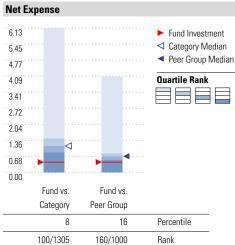
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	04-07-2022

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	2.99	_	-3.29
Beta	0.98	_	0.97
R-Squared	95.38	_	93.15
Standard Deviation	23.26	23.13	23.33
Sharpe Ratio	0.64	0.52	0.37
Tracking Error	5.02	_	6.09
Information Ratio	0.61	_	-0.78
Up Capture Ratio	98.35	_	88.47
Down Capture Ratio	88.49	-	97.94

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.08	23.78	23.27
Price/Book Ratio	6.49	8.32	6.18
Geom Avg Mkt Cap \$B	247.46	240.14	266.70
ROE	41.12	41.06	37.20



JPMorgan Large Cap Growth R6 JLGMX

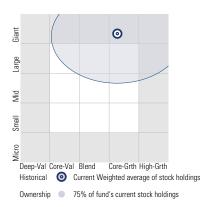
Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

11	34	48	Laige
1	5	2	IVIIO
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2022

Asset Class Net % Cat% US Stocks 90.81 93.35 Non-US Stocks 0.66 4.27 Bonds 0.00 0.01 Cash 8.53 2.00 Other 0.00 0.37 Total 100.00 100.00

966	ctor Weighting as of 09-3									п -						
		Fund	Bmark	Cat	Fund		▼ Be	nchn	nark	[] Ca	tegory	/ Aver	age			
b	Cyclical	24.28	25.91	28.66	,											
A.	Basic Materials	1.86	1.20	1.51												
A	Consumer Cyclical	15.39	16.68	15.69				= ['								
,	Financial Services	7.03	6.40	9.74												
fit.	Real Estate	0.00	1.63	1.72	İ											
W	Sensitive	52.40	55.67	51.49												- 1
	Communication Services	6.68	7.45	9.75												
ð	Energy	2.48	1.56	2.32												
Ф	Industrials	8.46	7.55	6.05												
	Technology	34.78	39.11	33.37									7			
→	Defensive	23.31	18.43	19.86												
=	Consumer Defensive	4.35	6.26	4.32]										
٠	Healthcare	18.96	12.11	14.94			- 1	j								
•	Utilities	0.00	0.06	0.60	Ī											
					0%	5	10	15	20	25	30	35	40	45	50	55

100

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	9.72	9.72	-21.79	Technology
D JPMorgan Prime Money Market Inst	8.53	18.25	_	_
Microsoft Corp	8.33	26.58	-30.20	Technology
Alphabet Inc Class C	5.67	32.25	-33.54	Communication Svc
Tesla Inc	4.10	36.34	-24.70	Consumer Cyclical
AbbVie Inc	2.92	39.27	2.52	Healthcare
🕑 Coca-Cola Co	2.84	42.10	-3.16	Consumer Defensive
AutoZone Inc	2.78	44.89	2.17	Consumer Cyclical
McKesson Corp	2.77	47.65	37.33	Healthcare
Deere & Co	2.73	50.38	-1.66	Industrials
Lowe's Companies Inc	2.43	52.81	-26.32	Consumer Cyclical
ConocoPhillips	2.25	55.06	47.02	Energy
Amazon.com Inc	2.09	57.15	-32.22	Consumer Cyclical
Oracle Corp	2.03	59.18	-28.87	Technology
Charles Schwab Corp	1.88	61.05	-13.80	Financial Services

Total Holdings 74



MFS Mid Cap Growth R6 OTCKX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 13.87 years.

Net Expense: The fund's expense ratio of 0.65 is 38.1% lower than the Mid-Cap Growth category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

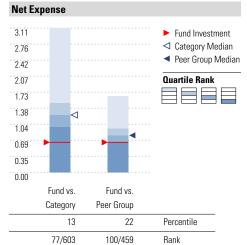
Metric	Rating	Updated
Sustainability Rating	5	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % 15% as of 09-30-2022 10 ■ Fund Benchmark Category -10 -15 -20 -25 -30 -35 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -4.10 -29.11 3.35 8.76 11.64 -0.65 -29.50 4.26 7.62 10.85 10.43 Benchmark Return % -29 18 5 10 7 27 -1.83 10.14 Category Average % 80 52 71 23 % Rank in Category

494



585

535

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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.57	_	0.85
Beta	0.90	_	0.99
R-Squared	94.78	_	91.53
Standard Deviation	22.43	24.18	25.14
Sharpe Ratio	0.23	0.26	0.28
Tracking Error	5.64	_	7.20
Information Ratio	-0.16	_	-0.02
Up Capture Ratio	94.24	_	100.98
Down Capture Ratio	96.64	_	99.49

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	31.53	22.23	24.18
Price/Book Ratio	4.60	5.66	3.64
Geom Avg Mkt Cap \$B	19.61	18.22	14.41
ROE	23.70	25.45	18.11



of Funds in Category

602

MFS Mid Cap Growth R6 OTCKX

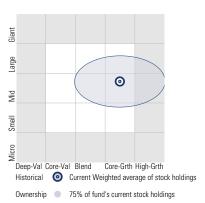
Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

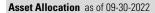
Equity

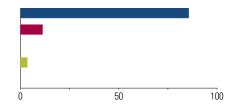
. ,			
0	7	22	Large
1	39	22	Mid
1	6	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.33
Cash	3.35	3.50
Bonds	0.00	0.07
Non-US Stocks	11.14	3.96
US Stocks	85.51	92.12
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Be	nchmar	kΠ	Cated	gory Av	verage		
Ն	Cyclical	32.51	25.90	28.48					1				
A.	Basic Materials	2.00	2.90	2.50									
Д	Consumer Cyclical	15.58	15.37	12.72									
,	Financial Services	9.87	5.63	9.78	1								
À	Real Estate	5.06	2.00	3.48									
M	Sensitive	47.86	54.51	48.04									'
₫	Communication Services	3.82	4.82	3.34									
ð	Energy	1.90	4.69	2.97									
Ф	Industrials	16.21	15.84	14.50		- :							
	Technology	25.93	29.16	27.23									
-	Defensive	19.62	19.59	23.47									
=	Consumer Defensive	1.01	3.24	2.51									
٠	Healthcare	18.61	16.04	20.24				[
•	Utilities	0.00	0.31	0.72	il i								

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Cadence Design Systems Inc	3.53	3.53	-12.30	Technology
⊕ Currency Cash CASH_USD	3.34	6.87	_	_
Monolithic Power Systems Inc	3.23	10.11	-25.88	Technology
Arthur J. Gallagher & Co	2.84	12.94	1.82	Financial Services
PerkinElmer Inc	2.76	15.70	-40.05	Healthcare
MSCI Inc	2.69	18.39	-30.61	Financial Services
Steris PLC	2.36	20.75	-31.14	Healthcare
Verisk Analytics Inc	2.35	23.11	-25.04	Industrials
AMETEK Inc	2.18	25.28	-22.42	Industrials
Extra Space Storage Inc	2.06	27.34	-21.84	Real Estate
Vulcan Materials Co	1.93	29.27	-23.45	Basic Materials
Nasdaq Inc	1.92	31.19	-18.20	Financial Services
Synopsys Inc	1.91	33.10	-17.09	Technology
Icon PLC	1.83	34.93	-40.66	Healthcare
O'Reilly Automotive Inc	1.78	36.71	-0.41	Consumer Cyclical

Total Holdings 92



MFS New Discovery R4 MNDJX

Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Portfolio Manager(s)

Michael Grossman since 12-2013

Quantitative Screens

- Performance: The fund has finished in the Small Growth category's top three quartiles in 8 of the 10 years it's been
- Management: The fund's management has been in place for 8.75 years.
- Style: The fund has landed in its primary style box Small Growth — 69.7 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.99 is 16.81% lower than the Small Growth category average.

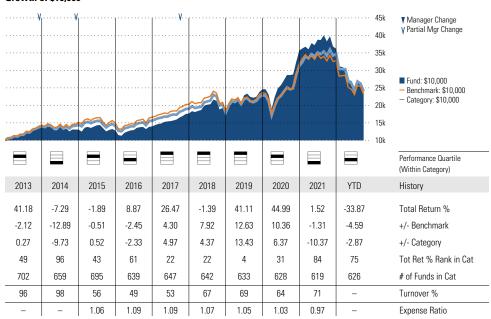
Morningstar Investment Management LLC Analysis

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.

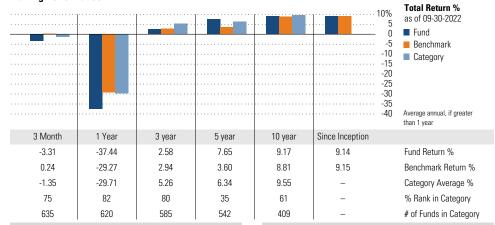
ESG Metrics

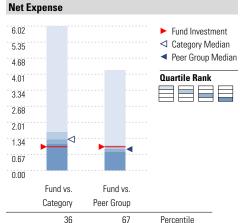
Metric	Rating	Updated
Sustainability Rating	5	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

Growth of \$10,000



Trailing Performance





	232/640	328/491	Rank	
Peer gro	up is a subset o	f the category an	nd includes fun	ds with the
same ma	nagement style	(active vs. passi	ive) and simila	share class
characto	rictice			

3-Year Risk Metrics

Alpha	-0.17	-	2.14
Beta	0.93	_	0.95
R-Squared	93.63	-	91.07
Standard Deviation	25.09	25.97	26.02
Sharpe Ratio	0.20	0.21	0.28
Tracking Error	6.55	-	7.98
Information Ratio	-0.05	_	0.25
Up Capture Ratio	92.01	_	99.82
Down Capture Ratio	92.79	_	94.40

Fund

Bmark

Cat

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.76	13.92	20.21
Price/Book Ratio	2.73	3.41	3.60
Geom Avg Mkt Cap \$B	3.23	2.37	4.40
ROE	5.37	10.03	15.28



MFS New Discovery R4 MNDJX

Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

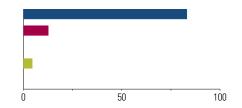
0	0	0	Large
1	7	12	Mid
9	40	31	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.00	0.37
Cash	4.39	2.96
Bonds	0.00	0.01
Non-US Stocks	12.54	4.23
US Stocks	83.07	92.44
Asset Class	Net %	Cat%

•	ctor Weighting as of 09-3				0
		Fund	Bmark	Cat	Fund Benchmark Category Average
÷	Cyclical	33.07	22.42	26.13	
i.	Basic Materials	5.89	4.64	2.94	
•	Consumer Cyclical	13.83	9.56	10.91	
<u></u>	Financial Services	10.80	6.09	9.44	
à	Real Estate	2.55	2.13	2.84	
UF.	Sensitive	48.00	45.97	45.90	
	Communication Services	4.32	2.30	2.05	
	Energy	4.33	6.53	3.69	
ž	Industrials	12.00	16.49	16.99	
1	Technology	27.35	20.65	23.17	
+	Defensive	18.94	31.62	27.98	
7	Consumer Defensive	2.73	4.53	4.67	i i
1	Healthcare	16.21	25.17	22.34	
1	Utilities	0.00	1.92	0.97	in ^t

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	4.39	4.39	_	_
ExIService Holdings Inc	2.17	6.56	1.79	Technology
Axalta Coating Systems Ltd	2.06	8.62	-36.41	Basic Materials
⊕ WNS (Holdings) Ltd ADR	1.97	10.59	-7.23	Technology
Advanced Energy Industries Inc	1.91	12.50	-14.66	Industrials
Element Solutions Inc	1.87	14.37	-32.00	Basic Materials
Hamilton Lane Inc Class A	1.84	16.22	-41.36	Financial Services
Skechers USA Inc Class A	1.84	18.05	-26.91	Consumer Cyclical
⊕ ChampionX Corp	1.74	19.79	-2.42	Energy
The AZEK Co Inc Class A	1.73	21.52	-64.06	Industrials
Sensata Technologies Holding PLC	1.71	23.24	-39.21	Technology
Ingevity Corp	1.70	24.94	-15.44	Basic Materials
Syneos Health Inc Class A	1.66	26.60	-54.08	Healthcare
⊕ Magnolia Oil & Gas Corp Class A	1.65	28.25	6.57	Energy
	1.54	29.79	30.08	Technology

Total Holdings 109



PIMCO Commodity Real Return Strat I2 PCRPX

Growth of \$10,000

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

▼ Manager Change

V Partial Mgr Change

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

Management: The fund's management has been in place for 3.92 years.

Style Consistency is not calculated for Fixed Income funds.

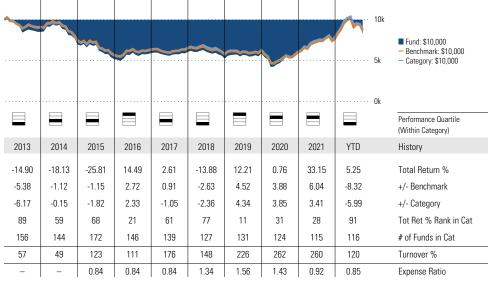
Net Expense: The fund's expense ratio of 0.86 is 17.31% lower than the Commodities Broad Basket category average.

Morningstar Investment Management LLC Analysis

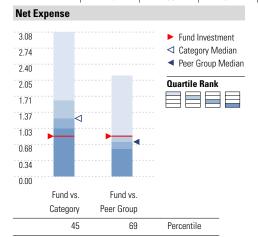
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022







48/70 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year KISK Welrics			
	Fund	Bmark	Cat
Alpha	-0.80	_	0.25
Beta	1.17	_	1.03
R-Squared	96.07	-	86.02
Standard Deviation	22.47	18.76	21.13
Sharpe Ratio	0.69	0.73	0.70
Tracking Error	5.52	_	7.77
Information Ratio	0.18	_	0.08
Up Capture Ratio	112.97	_	102.21
Down Capture Ratio	115.51	-	102.72

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	8.51
Price/Book Ratio	1.51	_	1.62
Geom Avg Mkt Cap \$B	20.09	_	29.32
ROE	16.78	-	22.38



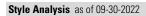
53/117



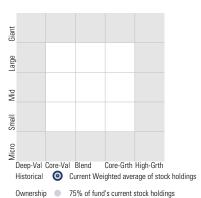
PIMCO Commodity Real Return Strat I2 PCRPX

Morningstar Category Morningstar Index

Commodities Broad Basket Bloomberg Commodity TR USD



Morningstar Style Box™



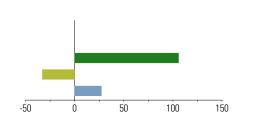


Equity



Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2022

Asset Class	Net %	Cat%
US Stocks	0.00	1.14
Non-US Stocks	0.00	0.94
Bonds	105.63	39.10
Cash	-32.77	44.53
Other	27.14	14.29
Total	100.00	100.00

		Fund	Bmark	Cat	Fund	▼ Benchmark	Categoi	y Average	
Դ	Cyclical	_	_	47.24					
A.	Basic Materials	_	-	47.24					
A	Consumer Cyclical	_	-	0.00	ĺ				
æ	Financial Services	_	-	0.00	0				
fi	Real Estate	_	-	0.00	Ö				
M	Sensitive	-	_	41.11					
d	Communication Services	_	_	0.00	Ò				
•	Energy	_	_	38.04					
\$	Industrials	_	_	3.07					
	Technology	_	_	0.00	Ò				
→	Defensive	-	-	11.65					
Ę	Consumer Defensive	_	_	11.04					
ŀ	Healthcare	_	_	0.61					
?	Utilities	_	_	0.00	ĺ				

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ United States Treasury Notes 0.125%	21.22	21.22	_	_
□ U S TIPS REV REPO	21.20	42.42	_	-
□ U S TIPS REV REPO	21.17	63.59	_	-
☆ Offset: Unsettled Trades	17.24	80.83	_	-
① 2 Year Treasury Note Future Sept 22	12.37	93.20	-	-
① United States Treasury Notes 0.625%	9.25	102.45	_	_
⊕ 10 Year Treasury Note Future Sept 22	8.54	110.99	_	-
○ United States Treasury Notes 0.125%	8.40	119.39	_	-
	8.26	127.65	_	-
① 3 Month Euribor TAS Future Mar 23	7.05	134.70	-	-
☆ Cash Offset	6.91	141.61	_	_
⊕ Euro Schatz Future Sept 22	6.87	148.48	_	-
Pimco Cayman Cmdty Fd Ltd Instl	6.82	155.30	_	-
① United States Treasury Notes 0.75%	6.69	161.99	_	-
─ EUROPEAN MONETARY UNION EURO Sold	6.04	168.04	_	_

Total Holdings 859



PIMCO Income I2 PONPX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 15.52 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.61 is 38.38% lower than the Multisector Bond category average.

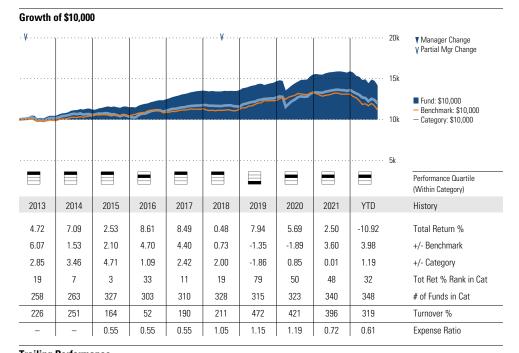
Morningstar Investment Management LLC Analysis

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

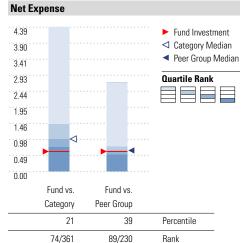
Morningstar Category

Morningstar Index

Multisector Bond Bloomberg US Universal TR USD







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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.75	_	2.12
Beta	0.95	_	1.04
R-Squared	53.60	_	47.77
Standard Deviation	7.14	5.51	8.81
Sharpe Ratio	-0.10	-0.65	-0.19
Tracking Error	4.87	-	6.61
Information Ratio	0.57	-	0.32
Up Capture Ratio	115.75	-	121.01
Down Capture Ratio	78.36	-	94.57

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	2.94	4.55	4.01
Avg Eff Maturity	4.83	7.69	7.95



PIMCO Income I2 PONPX

Style Analysis as of 09-30-2022 Style Breakdown Fixed Income Ouality Motion Ltd Mod Ext Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	40.76	67.64	21.84
AA	5.76	3.23	4.26
A	4.00	10.03	8.50
BBB	16.91	10.89	21.28
BB	18.59	3.19	18.20
В	4.74	3.64	16.05
Below B	9.24	1.38	5.79
Not Rated	0.00	0.00	4.08

Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 09-30-2022 Asset Class Cat% Net % US Stocks 1.56 1.12 Non-US Stocks 0.41 0.18 Bonds 124.99 96.06 Cash -31.14 0.11 Other 4.61 2.08 Ó 50 100 150 Total 100.00 100.00

Morningstar Category

Morningstar Index

Sector Weighting as of 09-	30-2022											
	Fund	Bmark	Cat	Fund	▼ B	enchmark	[] Ca	itegory A	verage			
Government	26.92	_	23.86									
Treasury	3.04	_	8.65									
Inflation – Protected	1.26	_	0.43	()								
Agency/Quasi Agency	0.21	_	0.96									
Other Government Related	22.41	_	13.82		-							
Corporate	7.38	-	36.52									
Corporate Bond	5.00	_	30.82									
Bank Loan	1.02	_	2.84									
Convertible	1.08	_	2.38									
Preferred	0.28	_	0.48	(
Securitized	20.33	_	26.27									
Agency MBS Pass-Through	8.24	_	7.83									
Agency MBS ARM	0.00	_	0.00									
Agency MBS CMO	0.64	_	0.61									
Non-Agency Residential MBS	3.19	_	1.59									
Commercial MBS	0.20	_	5.44	1								
Asset-Backed	8.06	_	10.80		:							
Covered Bond	0.00	_	0.00									
Municipal	0.04	-	0.37	[
Cash & Equivalents	24.67	-	7.42									
Other	18.58	_	5.27									
				0%	5	10	15	20	25	30	35	40

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	-	25.21	25.21	_
☼ Offset: Unsettled Trades	_	15.76	40.97	_
⊕ CDX HY38 5Y ICE	06-2027	9.46	50.44	_
→ IRO USD 1Y P 1.27000 L 11/02/22 GLM	11-2022	8.85	59.29	_
□ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	8.66	67.95	_
☐ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	8.65	76.60	_
□ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	8.16	84.77	_
□ IRS USD 0.70000 12/14/21-3Y LCH Receive	12-2024	8.16	92.93	_
→ 10 Year Treasury Note Future Sept 22	09-2022	7.46	100.38	_
→ BRITISH POUND STERLING Sold	08-2022	6.75	107.13	_

Total Holdings 8056



T. Rowe Price Dividend Growth PRDGX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

Thomas Huber since 03-2000

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 22.52 years.

Net Expense: The fund's expense ratio of 0.62 is 22.5% lower than the Large Blend category average.

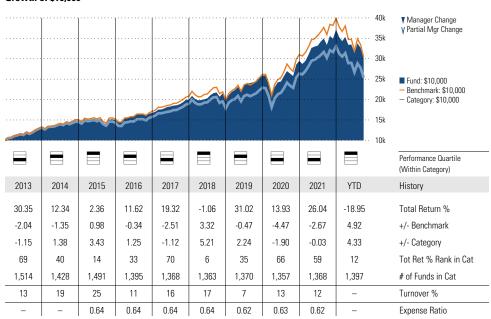
Morningstar Investment Management LLC Analysis

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.

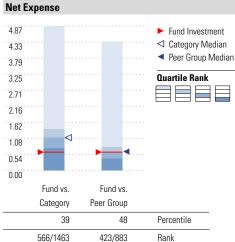
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

Growth of \$10,000







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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.23	_	-1.32
Beta	0.87	_	0.96
R-Squared	96.03	_	95.48
Standard Deviation	17.98	20.30	19.87
Sharpe Ratio	0.45	0.45	0.37
Tracking Error	4.47	_	4.01
Information Ratio	-0.15	_	-0.98
Up Capture Ratio	88.94	_	92.89
Down Capture Ratio	88.57	_	97.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	24.12	17.98	18.23
Price/Book Ratio	4.62	3.38	3.60
Geom Avg Mkt Cap \$B	145.52	164.20	210.33
ROE	33.19	31.94	32.91



M RNINGSTAR

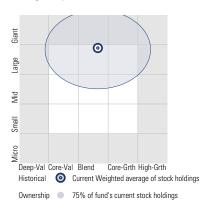
T. Rowe Price Dividend Growth PRDGX

Morningstar Category Morningstar Category S&P 50

Morningstar Index S&P 500 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

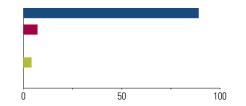
14	46	25	Large
1	13	2	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Asset Class	Net %	Cat%
US Stocks	89.03	94.84
Non-US Stocks	7.01	2.67
Bonds	0.00	0.87
Cash	3.96	0.53
Other	0.00	1.09
Total	100.00	100.00

	Fund	Bmark	Cat	Fund	▼ Ben	chmark] Ca	tegory	Averaç	ge	
Cyclical	30.88	29.69	29.07								
Basic Materials	2.68	2.24	2.66								
Consumer Cyclical	8.35	11.44	10.23		= [
Financial Services	16.54	13.11	13.64								
Real Estate	3.31	2.90	2.54								
* Sensitive	36.81	44.73	45.16								
Communication Services	1.81	8.07	7.92								
Energy	1.60	4.55	4.06								
Industrials	14.51	8.32	10.09								
Technology	18.89	23.79	23.09								
Defensive	32.32	25.58	25.75								
Consumer Defensive	9.52	7.33	7.35								
Healthcare	18.30	15.18	15.61								
Utilities	4.50	3.07	2.79								

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ Microsoft Corp	5.92	5.92	-30.20	Technology
⇒ Apple Inc	4.05	9.97	-21.79	Technology
€ T. Rowe Price Gov. Reserve	3.99	13.96	_	_
UnitedHealth Group Inc	2.61	16.58	1.52	Healthcare
Danaher Corp	2.42	19.00	-21.27	Healthcare
Accenture PLC Class A	1.93	20.93	-37.23	Technology
→ Visa Inc Class A	1.89	22.83	-17.50	Financial Services
→ Marsh & McLennan Companies Inc	1.87	24.69	-13.16	Financial Services
⊕ Chubb Ltd	1.84	26.54	-4.64	Financial Services
⊕ Thermo Fisher Scientific Inc	1.78	28.31	-23.85	Healthcare
⊕ AbbVie Inc	1.69	30.00	2.52	Healthcare
∋ JPMorgan Chase & Co	1.63	31.63	-32.11	Financial Services
€ Roper Technologies Inc	1.46	33.09	-26.50	Industrials
Equity Residential	1.42	34.51	-23.65	Real Estate
€ Texas Instruments Inc	1.41	35.92	-16.04	Technology

Total Holdings 100



T. Rowe Price Retirement 2010 TRRAX

Morningstar Category Target-Date 2000-2010 Morningstar Index Morningstar Lifetime Mod 2010 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

Performance: The fund has finished in the Target-Date 2000-2010 category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 7.17 years.

Net Expense: The fund's expense ratio of 0.49 is
 10.91% lower than the Target-Date 2000-2010 category average.

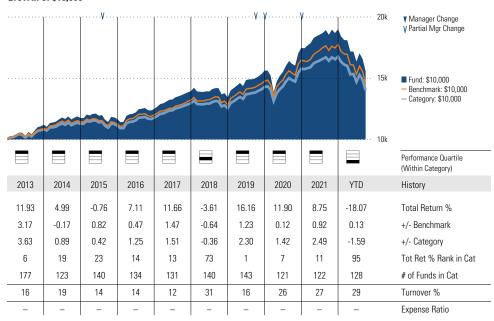
Morningstar Investment Management LLC Analysis

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

ESG Metrics

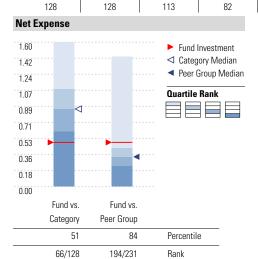
Metric	Rating	Updated		
Sustainability Rating	2	08-31-2022		
ESG Commitment	1-Low	02-15-2022		

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2022 Fund Benchmark Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception -4.83 -16.07 1.26 2.70 4.67 6.42 Fund Return % -5.10 -15.80 0.62 2.48 3.88 5.50 Benchmark Return % -4.81 0.51 3 94 -14 75 2 15 Category Average % 56 93 10 10 % Rank in Category

50



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.65	_	-0.14
Beta	1.09	_	0.89
R-Squared	96.79	_	97.02
Standard Deviation	11.15	10.05	9.05
Sharpe Ratio	0.11	0.05	0.02
Tracking Error	2.20	_	2.20
Information Ratio	0.29	_	-0.06
Up Capture Ratio	108.67	_	86.62
Down Capture Ratio	104.08	_	87.60

of Funds in Category

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.33	14.46	14.44
Price/Book Ratio	2.79	2.16	2.26
Avg Eff Duration	5.91	-	5.76



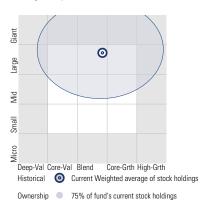
T. Rowe Price Retirement 2010 TRRAX

Quality High MidLow

Morningstar Category Target-Date 2000-2010 **Morningstar Index** Morningstar Lifetime Mod 2010 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™





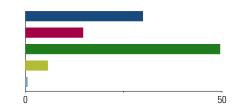
Equity				Fixed In	come
15	28	28	Large		
5	10	7	Mid		
2	3	2	Small		
Value	Dland	Croudh		1+4	Mod

Value Blend Growth

Mod Ltd Duration

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

Asset Allocation as of 09-30-2022



Asset Class Net % Cat% US Stocks 29.83 22.23 Non-US Stocks 14.61 12.79 Bonds 49.47 56.94 Cash 5.62 5.01 Other 0.46 3.04 Total 100.00 100.00

		Fund	Bmark	Cat	Fund	,	Bench	nmark	Categ	gory Ave	erage	
Ն	Cyclical	36.46	39.17	34.51								
à.	Basic Materials	4.98	4.41	4.70								
-	Consumer Cyclical	12.72	10.60	10.33								
£	Financial Services	14.52	14.81	15.50								
ŧ	Real Estate	4.24	9.35	3.98		0	•					
M	Sensitive	41.84	36.41	39.62								
	Communication Services	9.77	5.63	6.49								
•	Energy	2.57	5.06	5.54								
)	Industrials	9.95	10.83	10.42				į				
1	Technology	19.55	14.89	17.17								
+	Defensive	21.70	24.42	25.85			_			[
	Consumer Defensive	4.92	7.45	7.47			ĺ					
٠	Healthcare	13.44	13.62	14.40				= []				
2	Utilities	3.34	3.35	3.98		[

Top 10 Holdings as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ T. Rowe Price Ltd Dur Infl Focus Bd Z	_	15.84	15.84	-	_
	-	15.65	31.49	_	_
	-	8.50	39.99	_	_
⊕ T. Rowe Price Growth Stock Z	_	6.96	46.95	_	_
	-	6.91	53.87	_	-
	_	5.44	59.31	_	_
	_	4.08	63.39	_	_
	_	3.69	67.08	_	_
	_	3.61	70.69	_	_
	_	3.54	74.23	_	_

Total Holdings 27



T. Rowe Price Retirement 2015 TRRGX

Morningstar Category Target-Date 2015 Morningstar Index Morningstar Lifetime Mod 2015 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

Performance: The fund has finished in the Target-Date 2015 category's top three quartiles in 10 of the 10 years it's been in existence

Management: The fund's management has been in place for 7.17 years.

Net Expense: The fund's expense ratio of 0.51 is 13.56% lower than the Target-Date 2015 category average.

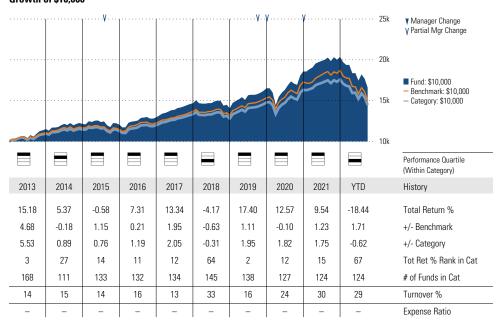
Morningstar Investment Management LLC Analysis

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Management's quantitative screens. Morningstar
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qualitative perspective and, as a fiduciary, is comfortable
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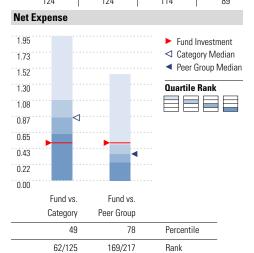
ESG Metrics

Metric	Rating	Updated		
Sustainability Rating	2	08-31-2022		
ESG Commitment	1-Low	02-15-2022		

Growth of \$10,000



Trailing Performance Total Return % 10% as of 09-30-2022 Fund 0 Benchmark -5 Category -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -4.84 -16.31 1.68 3.05 5.37 5.63 Fund Return % -5.62 -17.52 0.31 2.43 4.18 5.59 Benchmark Return % -4 98 -15 60 0.69 4 57 2.36 Category Average % 40 67 11 11 4 % Rank in Category 124 124 114 89 43 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.41	_	0.32
Beta	1.05	_	0.93
R-Squared	95.85	_	96.57
Standard Deviation	11.86	11.02	10.39
Sharpe Ratio	0.14	0.02	0.05
Tracking Error	2.49	_	2.15
Information Ratio	0.55	_	0.19
Up Capture Ratio	107.29	_	91.97
Down Capture Ratio	98.03	_	89.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.25	14.32	14.35
Price/Book Ratio	2.77	2.13	2.24
Avg Eff Duration	6.02	_	5.60



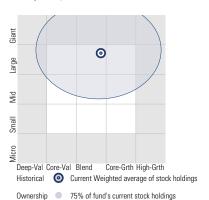
T. Rowe Price Retirement 2015 TRRGX

Morningstar Category Target-Date 2015

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

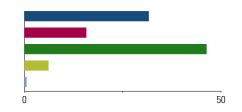
. ,			
15	29	28	Large
5	10	7	Mid
2	3	2	Small

Value Blend Growth



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

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.46	5.32
Cash	6.05	3.96
Bonds	46.28	51.66
Non-US Stocks	15.66	14.37
US Stocks	31.56	24.70
Asset Class	Net %	Cat%

		From al	Dl.	0-4	Г		- DI		П с-+	A				
		Fund	Bmark	Cat	Fund	a .	Bench	ımark	Categ	jory Ave	erage		7.	
Դ	Cyclical	36.53	39.26	34.73										
å.	Basic Materials	5.01	4.51	4.80										
A	Consumer Cyclical	12.52	10.64	10.53				ı į						
,	Financial Services	14.71	14.92	15.61										
ŵ	Real Estate	4.29	9.19	3.79		= ()	,							
W	Sensitive	41.57	36.43	39.98										
	Communication Services	9.55	5.63	6.53										
ð	Energy	2.63	5.09	5.55										
Ф	Industrials	10.01	10.92	10.50										
	Technology	19.38	14.79	17.40				-						
→	Defensive	21.91	24.32	25.31			_							
Ħ	Consumer Defensive	5.01	7.45	7.29										
+	Healthcare	13.53	13.52	14.23		- :		= [
•	Utilities	3.37	3.35	3.79		[]								
					0%	5	10	15	20	25	30	35	40	4

Top 10 Holdings as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ T. Rowe Price New Income Z	_	15.02	15.02	_	_
T. Rowe Price Ltd Dur Infl Focus Bd Z	-	13.79	28.82	_	-
⊕ T. Rowe Price Value Z	-	9.05	37.87	_	-
T. Rowe Price Equity Index 500 Z	-	7.35	45.22	_	-
⊕ T. Rowe Price Growth Stock Z	-	6.70	51.92	_	_
T. Rowe Price Intl Bd (USD Hdgd) Z	_	5.21	57.13	_	_
T. Rowe Price Dynamic Global Bond Z	-	3.96	61.10	_	_
→ T. Rowe Price International Value Eq Z	-	3.85	64.95	_	_
T. Rowe Price Overseas Stock Z	-	3.83	68.78	_	-
T. Rowe Price Emerging Markets Bond Z	_	3.44	72.21	_	_

Total Holdings 29



T. Rowe Price Retirement 2020 TRRBX

Morningstar Category Target-Date 2020 Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 7.17 years.

Net Expense: The fund's expense ratio of 0.53 is 14.52% lower than the Target-Date 2020 category average.

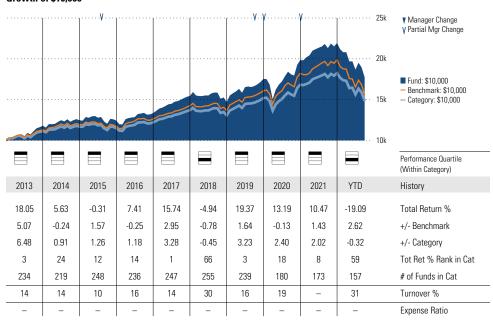
Morningstar Investment Management LLC Analysis

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Management's quantitative screens. Morningstar
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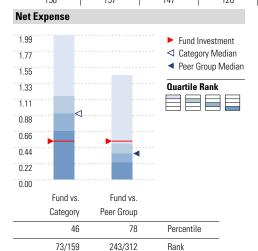
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % 10% as of 09-30-2022 Fund 0 Benchmark -5 Category -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year -5.02 -16.77 2.11 3.43 6.09 7.42 Fund Return % 5.72 -6.01 -18.89 0.18 2.47 4.62 Benchmark Return % -5 16 -16.29 0.79 4 99 2 49 Category Average % 44 62 8 5 % Rank in Category 158 157 147 120 57 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.98	_	0.49
Beta	1.04	_	0.91
R-Squared	95.29	_	96.55
Standard Deviation	12.89	12.06	11.16
Sharpe Ratio	0.18	0.02	0.06
Tracking Error	2.85	_	2.40
Information Ratio	0.68	_	0.26
Up Capture Ratio	107.62	_	91.63
Down Capture Ratio	95.69	_	88.58

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.23	14.18	14.40
Price/Book Ratio	2.76	2.10	2.20
Avg Eff Duration	6.16	-	5.74

M RNINGSTAR



T. Rowe Price Retirement 2020 TRRBX

Morningstar Category Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Quality

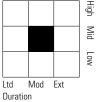
Asset Allocation as of 09-30-2022



Style Breakdown

Weight %

Equity				Fixed Income
15	29	28	Large	
5	10	7	Mid	
2	3	2	Small	
	D	0		



Value Blend Growth

>50 25-50 10-25 0-10

Sec	ctor Weighting as of 09-3	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark] Category Average
Դ	Cyclical	36.60	39.26	36.39	
A.	Basic Materials	5.03	4.61	4.53	
A	Consumer Cyclical	12.52	10.69	10.84	
,	Financial Services	14.74	15.07	15.35	
fi	Real Estate	4.31	8.89	5.67	
W	Sensitive	41.53	36.49	40.53	
	Communication Services	9.53	5.63	6.70	
•	Energy	2.64	5.12	5.15	
Ф	Industrials	10.02	11.02	10.43	
	Technology	19.34	14.72	18.25	
→	Defensive	21.88	24.26	23.08	
Ħ	Consumer Defensive	5.01	7.45	6.88	
٠	Healthcare	13.51	13.45	12.94	
•	Utilities	3.36	3.36	3.26	
					0% 5 10 15 20 25 30 35 40

50

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ T. Rowe Price New Income Z	_	14.28	14.28	_	_
T. Rowe Price Ltd Dur Infl Focus Bd Z	_	11.65	25.93	_	_
T. Rowe Price Value Z	_	9.78	35.71	_	_
	_	7.93	43.65	_	_
T. Rowe Price Growth Stock Z	-	7.29	50.93	-	-
→ T. Rowe Price Intl Bd (USD Hdgd) Z	_	4.92	55.86	_	_
T. Rowe Price International Value Eq Z	_	4.16	60.01	_	_
T. Rowe Price Overseas Stock Z	_	4.15	64.16	-	_
∋ T. Rowe Price Dynamic Global Bond Z	-	3.80	67.96	_	_
T. Rowe Price International Stock Z	_	3.58	71.54	_	_

Total Holdings 29



T. Rowe Price Retirement 2025 TRRHX

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

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 7.17 years.

Net Expense: The fund's expense ratio of 0.55 is 17.91% lower than the Target-Date 2025 category average.

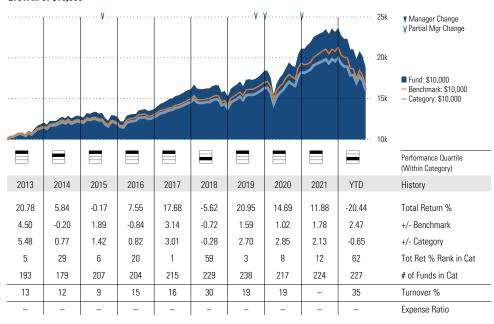
Morningstar Investment Management LLC Analysis

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

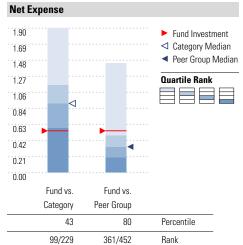
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

Growth of \$10,000



Trailing Performance Total Return % 10% as of 09-30-2022 Fund 0 Benchmark -5 Category -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year -5.25 -17.822.60 3.81 6.74 6.36 Fund Return % -6.28 -19.88 0.27 2.63 5.22 5.90 Benchmark Return % -5.36 -17 02 5.32 1 10 2 75 Category Average % 45 67 4 4 % Rank in Category 228 226 202 172 94 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.38	_	0.75
Beta	1.06	_	0.91
R-Squared	96.21	_	97.24
Standard Deviation	14.26	13.21	12.18
Sharpe Ratio	0.21	0.04	0.09
Tracking Error	2.89	_	2.51
Information Ratio	0.81	_	0.39
Up Capture Ratio	113.81	_	93.65
Down Capture Ratio	100.64	-	89.36

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	19.22	14.04	14.57				
Price/Book Ratio	2.76	2.08	2.25				
Avg Eff Duration	6.56	-	6.68				



T. Rowe Price Retirement 2025 TRRHX

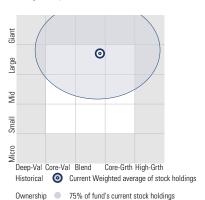
Quality High MidLow

Morningstar Category Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

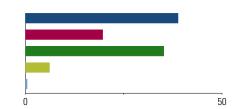
Equity				Fixed Ir	come
15	29	28	Large		
5	10	7	Mid		
2	3	2	Small		
Value	Rlend	Growth		Ltd	Mod

Duration

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Asset Class Net % Cat% US Stocks 38.79 31.08 Non-US Stocks 19.61 15.10 Bonds 35.15 38.70 Cash 6.08 3.36 Other 0.38 11.77 100.00 100.00 Total

		Fund	Bmark	Cat	Fund	▼ Benc	hmark	Categ	ory Ave	erage	
⊌ Cycli	cal	36.63	39.22	35.59							
Basic	Materials	5.03	4.70	4.30							
Cons	umer Cyclical	12.54	10.75	10.86							
Finan	cial Services	14.74	15.23	15.05							
Real	Estate	4.32	8.54	5.38		[
✓ Sensi	tive	41.53	36.56	40.84							
Comr	nunication Services	9.54	5.62	6.82							
Energ	Jy	2.62	5.15	5.02		Í .					
Indus	trials	10.04	11.13	10.22			į				
Techi	nology	19.33	14.66	18.78							
→ Defer	sive	21.85	24.21	23.57					0		
Cons	umer Defensive	5.01	7.46	7.02		I [
Healt	hcare	13.52	13.38	13.19			= [
Utilit	ies	3.32	3.37	3.36							

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
☐ T. Rowe Price New Income Z	_	12.62	12.62	_	_
→ T. Rowe Price Value Z	_	11.26	23.88	-	_
→ T. Rowe Price Equity Index 500 Z	-	9.11	32.98	_	_
	-	8.41	41.39	_	_
∃ T. Rowe Price Ltd Dur Infl Focus Bd Z	-	7.66	49.05	-	-
	_	4.79	53.84	_	_
T. Rowe Price Overseas Stock Z	-	4.77	58.61	_	_
T. Rowe Price Intl Bd (USD Hdgd) Z	-	4.33	62.94	_	_
∃ T. Rowe Price International Stock Z	-	4.08	67.01	_	_
T. Rowe Price Dynamic Global Bond Z	_	3.33	70.34	_	_

Total Holdings 30



T. Rowe Price Retirement 2030 TRRCX

Morningstar Category Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 7.17 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 0.58 is 14.71% lower than the Target-Date 2030 category average.

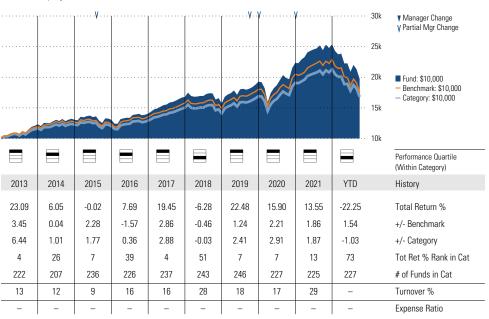
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000



Trailing Performance



Net Exp	oense		
1.90			► Fund Investment
1.69			Category Median
1.48			 Peer Group Mediar
1.27			Quartile Rank
1.06			
0.84			
0.63			
0.42			
0.21			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	45	77	Percentile

	104/229	301/392	Rank			
0		f the category an				
same management style (active vs. passive) and similar share class						
charact	orietice					

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.23	_	1.01
Beta	1.06	_	0.94
R-Squared	97.76	_	98.16
Standard Deviation	15.68	14.65	13.83
Sharpe Ratio	0.22	0.07	0.14
Tracking Error	2.50	-	2.26
Information Ratio	0.88	-	0.53
Up Capture Ratio	112.88	-	97.46
Down Capture Ratio	101.76	_	92.27

Portfolio Metrics								
Fund	Bmark	Cat						
19.25	13.89	14.73						
2.76	2.05	2.30						
7.40	-	6.88						
	19.25 2.76	19.25 13.89 2.76 2.05						



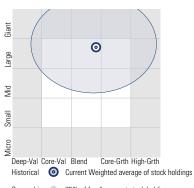
T. Rowe Price Retirement 2030 TRRCX

Morningstar Category Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™





Ownership 75% of fund's current stock holdings

Style Breakdown

Equity 28 15 29



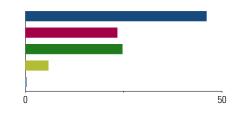
Value Blend Growth



Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.28	10.37
Cash	5.78	2.22
Bonds	24.62	30.40
Non-US Stocks	23.31	18.16
US Stocks	46.03	38.85
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ [Benchm	ark	Cate	gory Ave	erage	
ŀ	Cyclical	36.64	39.12	35.03	, and			u.i.	_ outo	, , , , , ,	, ago	
ů.	Basic Materials	5.04	4.79	4.27		Ţ						Ī
-	Consumer Cyclical	12.59	10.83	10.97								
ê	Financial Services	14.70	15.40	15.31			:					
fi	Real Estate	4.31	8.10	4.48		'						
M	Sensitive	41.58	36.68	41.20								
₫	Communication Services	9.62	5.62	6.83								
ð	Energy	2.59	5.19	5.00		ľ						
Ф	Industrials	10.02	11.25	10.38								
	Technology	19.35	14.62	18.99				_	=0	-		
-	Defensive	21.79	24.20	23.77						[]		
Ħ	Consumer Defensive	4.97	7.49	7.01								
٠	Healthcare	13.52	13.34	13.51								
•	Utilities	3.30	3.37	3.25								

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Marningatar Coatar
Name	Maturity Date	% Net Asset	Cumulative %	rib netuiii %	Morningstar Sector
	_	13.70	13.70	_	_
→ T. Rowe Price Equity Index 500 Z	-	10.78	24.48	_	_
→ T. Rowe Price Growth Stock Z	_	10.33	34.80	_	_
⊕ T. Rowe Price New Income Z	_	9.98	44.78	_	_
→ T. Rowe Price International Value Eq Z	-	5.70	50.48	-	-
	_	5.67	56.15	_	_
→ T. Rowe Price International Stock Z	-	4.84	60.99	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	-	3.40	64.39	_	_
∃ T. Rowe Price Mid-Cap Value Z	-	3.23	67.62	_	_
→ T. Rowe Price Mid-Cap Growth Z	_	2.82	70.44	_	_

Total Holdings 29



T. Rowe Price Retirement 2035 TRRJX

Morningstar Category Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 7.17 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 0.59 is 15.71% lower than the Target-Date 2035 category average.

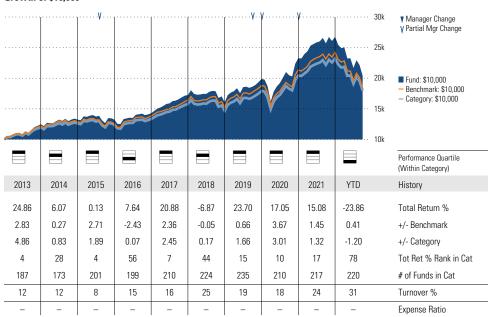
Morningstar Investment Management LLC Analysis

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

ESG Metrics

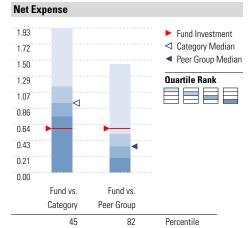
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000



Trailing Performance





367/448 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.85	_	1.12
Beta	1.03	_	0.96
R-Squared	98.76	_	98.55
Standard Deviation	16.91	16.24	15.63
Sharpe Ratio	0.22	0.12	0.18
Tracking Error	1.97	_	2.15
Information Ratio	0.95	_	0.61
Up Capture Ratio	108.22	_	99.42
Down Capture Ratio	99.95	_	94.36

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.33	13.74	14.52
Price/Book Ratio	2.77	2.03	2.26
Avg Eff Duration	7.97	_	7.30



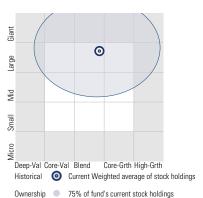
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T. Rowe Price Retirement 2035 TRRJX

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

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Fauity

Equity				١
14	29	28	Large	l
5	10	7	Mid	l
2	3	2	Small	
				ď

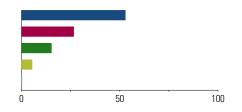
Value Blend Growth

Fixed Income High MidLow Mod Ltd Duration

Quality

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

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.19	10.99
Cash	5.33	2.49
Bonds	15.19	20.13
Non-US Stocks	26.50	22.05
US Stocks	52.80	44.34
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	36.68	39.03	35.22	
A.	Basic Materials	5.05	4.91	4.32	
A	Consumer Cyclical	12.73	10.90	11.05	
,	Financial Services	14.61	15.56	15.35	
侖	Real Estate	4.29	7.66	4.50	—
W	Sensitive	41.66	36.79	41.27	
	Communication Services	9.80	5.63	6.82	
ð	Energy	2.50	5.21	5.05	
Ф	Industrials	10.00	11.36	10.38	
	Technology	19.36	14.59	19.02	
→	Defensive	21.66	24.18	23.51	
Ħ	Consumer Defensive	4.83	7.51	7.01	
٠	Healthcare	13.52	13.28	13.28	
•	Utilities	3.31	3.39	3.22	
					0% 5 10 15 20 25 30 35 40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	16.82	16.82	_	_
→ T. Rowe Price Growth Stock Z	-	13.00	29.82	_	_
→ T. Rowe Price Equity Index 500 Z	-	10.31	40.13	_	_
→ T. Rowe Price New Income Z	-	6.53	46.66	_	_
⇒ T. Rowe Price International Value Eq Z	_	6.52	53.18	-	-
→ T. Rowe Price Overseas Stock Z	_	6.26	59.44	_	_
	_	5.49	64.93	_	_
∃ T. Rowe Price Mid-Cap Value Z	_	3.63	68.56	_	_
→ T. Rowe Price Mid-Cap Growth Z	_	3.18	71.73	_	_
⊕ T. Rowe Price Real Assets Z	_	2.75	74.49	_	_

Total Holdings 30



T. Rowe Price Retirement 2040 TRRDX

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

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 7.17 years.

Net Expense: The fund's expense ratio of 0.6 is 14.29% lower than the Target-Date 2040 category average.

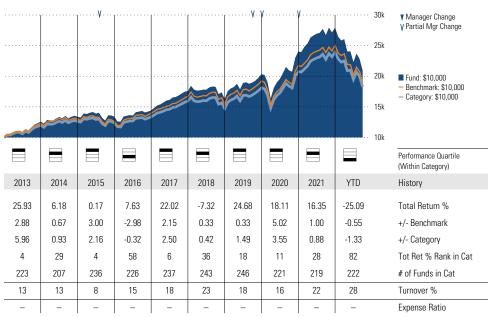
Morningstar Investment Management LLC Analysis

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

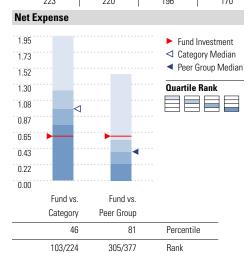
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % 10% as of 09-30-2022 Fund 0 Benchmark -5 Category -10 -15 -20 -25 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year -6.26 -21.72 3.32 4.41 7.90 8.46 Fund Return % -6.38 -20.78 1.78 3.56 6.79 6.52 Benchmark Return % -19 66 2 74 3.87 6 84 -6.20 Category Average % 47 88 25 20 % Rank in Category 223 220 196 170 97 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.52	_	0.99
Beta	1.01	_	0.96
R-Squared	98.93	_	98.62
Standard Deviation	17.92	17.64	16.98
Sharpe Ratio	0.23	0.15	0.21
Tracking Error	1.86	-	2.22
Information Ratio	0.83	-	0.52
Up Capture Ratio	104.93	_	99.30
Down Capture Ratio	98.68	-	95.19

Metrics
Fund Bmark Ca
gs Ratio 19.39 13.60 14.4
atio 2.78 2.01 2.2
tion 8.22 – 7.7



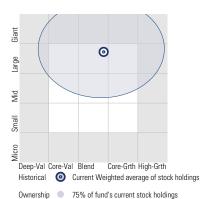
T. Rowe Price Retirement 2040 TRRDX

Morningstar Category Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

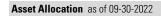
Equity				LIX
14	29	29	Large	
5	10	7	Mid	
2	3	2	Small	
	DI I	0 1		1.1

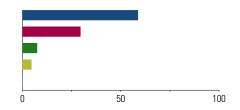
Value Blend Growth

Fixed Income Quality High MidLow Mod I td Duration

Weight %

>50 25-50 10-25 0-10





Asset Class Net % Cat% US Stocks 58.68 50.48 Non-US Stocks 29.40 25.79 Bonds 7.34 12.64 Cash 4.47 1.94 Other 0.09 9.14 Total 100.00 100.00

ctor Weighting as of 09-3	30-2022			
	Fund	Bmark	Cat	Fund • Benchmark Category Average
Cyclical	36.69	38.99	35.56	
Basic Materials	5.05	5.00	4.31	
Consumer Cyclical	12.81	10.96	11.01	
Financial Services	14.55	15.70	15.33	
Real Estate	4.28	7.33	4.91	
Sensitive	41.72	36.87	41.07	
Communication Services	9.92	5.65	6.79	
Energy	2.43	5.24	5.03	
Industrials	10.00	11.44	10.41	
Technology	19.37	14.54	18.84	
Defensive	21.59	24.12	23.36	
Consumer Defensive	4.75	7.53	6.96	
Healthcare	13.52	13.20	13.22	
Utilities	3.32	3.39	3.18	
	Cyclical Basic Materials Consumer Cyclical Financial Services Real Estate Sensitive Communication Services Energy Industrials Technology Defensive Consumer Defensive Healthcare	Cyclical 36.69 Basic Materials 5.05 Consumer Cyclical 12.81 Financial Services 14.55 Real Estate 4.28 Sensitive 41.72 Communication Services 9.92 Energy 2.43 Industrials 10.00 Technology 19.37 Defensive 21.59 Consumer Defensive 4.75 Healthcare 13.52	Cyclical Fund Bmark Cyclical 36.69 38.99 Basic Materials 5.05 5.00 Consumer Cyclical 12.81 10.96 Financial Services 14.55 15.70 Real Estate 4.28 7.33 Sensitive 41.72 36.87 Communication Services 9.92 5.65 Energy 2.43 5.24 Industrials 10.00 11.44 Technology 19.37 14.54 Defensive 21.59 24.12 Consumer Defensive 4.75 7.53 Healthcare 13.52 13.20	Fund Bmark Cat Cyclical 36.69 38.99 35.56 Basic Materials 5.05 5.00 4.31 Consumer Cyclical 12.81 10.96 11.01 Financial Services 14.55 15.70 15.33 Real Estate 4.28 7.33 4.91 Sensitive 41.72 36.87 41.07 Communication Services 9.92 5.65 6.79 Energy 2.43 5.24 5.03 Industrials 10.00 11.44 10.41 Technology 19.37 14.54 18.84 Defensive 21.59 24.12 23.36 Consumer Defensive 4.75 7.53 6.96 Healthcare 13.52 13.20 13.22

Top 10 Holdings as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	19.62	19.62	_	_
☐ T. Rowe Price Growth Stock Z	-	15.29	34.91	_	_
☐ T. Rowe Price Equity Index 500 Z	-	9.89	44.79	_	_
☐ T. Rowe Price International Value Eq Z	-	7.24	52.04	_	_
	-	6.88	58.92	_	-
	_	6.09	65.01	_	_
	-	3.95	68.96	_	_
① T. Rowe Price Mid-Cap Growth Z	-	3.49	72.45	_	_
① T. Rowe Price Real Assets Z	-	3.04	75.49	_	_
☐ T. Rowe Price New Income Z	_	2.98	78.47	_	_

Total Holdings 28



T. Rowe Price Retirement 2045 TRRKX

Growth of \$10,000

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

Expense Ratio

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

Performance: The fund has finished in the Target-Date 2045 category's top three quartiles in 9 of the 10 years it's been in existence

Management: The fund's management has been in place for 7.17 years.

Net Expense: The fund's expense ratio of 0.62 is 11.43% lower than the Target-Date 2045 category average.

Morningstar Investment Management LLC Analysis

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

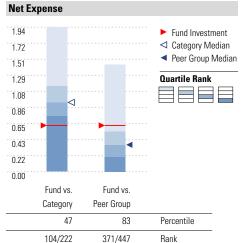
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

V 30k ▼ Manager Change ∨ Partial Mgr Change 25k 20k ■ Fund: \$10,000 − Benchmark: \$10,000 − Category: \$10,000

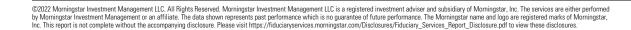
										
										Performance Quartile (Within Category)
2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
25.93	6.14	0.17	7.69	22.41	-7.57	25.39	18.65	17.20	-25.55	Total Return %
2.86	0.89	3.20	-3.15	1.88	0.60	0.42	5.70	0.84	-0.84	+/- Benchmark
3.93	0.79	2.04	-0.24	1.90	0.57	1.04	3.55	0.57	-1.17	+/- Category
5	28	4	62	9	32	30	8	34	80	Tot Ret % Rank in Cat
186	173	200	198	209	223	234	210	217	220	# of Funds in Cat
11	15	8	14	14	27	22	20	22	31	Turnover %

Trailing Performance Total Return % 10% as of 09-30-2022 Fund 0 Benchmark Category -10 -15 -20 -25 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -6.29 -22.06 3.64 4.60 8.04 7.02 6.60 -6.39 -20.83 2.10 3.68 6.89 Benchmark Return % -6.28 -20 12 3.06 7 00 4.08 Category Average % 38 86 24 16 9 % Rank in Category 221 219 195 169 90 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.52	_	0.94
Beta	1.00	_	0.96
R-Squared	98.88	_	98.56
Standard Deviation	18.59	18.49	17.85
Sharpe Ratio	0.25	0.17	0.22
Tracking Error	1.97	_	2.27
Information Ratio	0.78	_	0.46
Up Capture Ratio	103.98	_	99.60
Down Capture Ratio	98.03	_	95.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.39	13.48	14.46
Price/Book Ratio	2.78	1.98	2.22
Avg Eff Duration	7.57	_	8.50





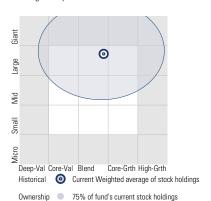
T. Rowe Price Retirement 2045 TRRKX

Morningstar Category Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

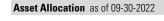
Equity							
14	29	29	Large				
5	10	7	Mid				
2	3	2	Small				

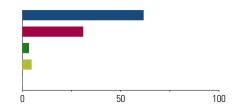
Value Blend Growth

Fixed Income Quality High MidLow Mod Ltd Duration

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.05	9.50
Cash	4.50	2.06
Bonds	3.18	7.20
Non-US Stocks	30.75	27.82
US Stocks	61.52	53.41
Asset Class	Net %	Cat%

Sector Weighting as of 09	-30-2022			
	Fund	Bmark	Cat	Fund Benchmark Category Average
ひ Cyclical	36.69	39.10	35.50	
Basic Materials	5.05	5.09	4.35	
Consumer Cyclical	12.81	11.00	11.10	
Financial Services	14.55	15.83	15.29	
Real Estate	4.28	7.18	4.76	
Sensitive	41.71	36.89	40.81	
Communication Services	9.92	5.64	6.77	
Energy	2.44	5.27	4.95	
Industrials	9.99	11.52	10.38	
Technology	19.36	14.46	18.71	
→ Defensive	21.60	24.02	23.68	
Consumer Defensive	4.75	7.53	6.98	
Healthcare	13.53	13.10	13.43	
Utilities	3.32	3.39	3.27	
				0% 5 10 15 20 25 30 35 40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	20.50	20.50	-	_
	_	15.97	36.46	_	_
	-	10.29	46.75	_	-
	_	7.58	54.34	_	_
	-	7.18	61.51	_	-
	_	6.36	67.87	_	_
	_	4.13	72.00	_	_
⊕ T. Rowe Price Mid-Cap Growth Z	_	3.64	75.65	_	_
⊕ T. Rowe Price Real Assets Z	_	3.19	78.84	_	_
☐ T. Rowe Price Emerging Markets Stock Z	_	2.80	81.64	_	_

Total Holdings 26



T. Rowe Price Retirement 2050 TRRMX

Growth of \$10,000

9

207

14

31

196

16

4

225

7

62

218

13

12

233

16

24

243

30

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

Tot Ret % Rank in Cat

of Funds in Cat

Turnover %

Expense Ratio

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 7.17 years.

Net Expense: The fund's expense ratio of 0.63 is 11.27% lower than the Target-Date 2050 category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

▼ Manager Change V Partial Mgr Change Fund: \$10,000 Benchmark: \$10,000 Category: \$10,000 15k 10k Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History 25.90 6.19 0.19 7.71 22.38 -7.58 25.32 18.68 17.35 -25.71 Total Return % 5.77 3.07 1.19 3.38 -3.18 1.60 0.83 0.23 0.75 -0.91 +/- Benchmark 0.77 1.71 0.83 0.78 3.43 0.23 4.88 2.20 -0.51 -0.92 +/- Category

36

246

26

10

220

22

42

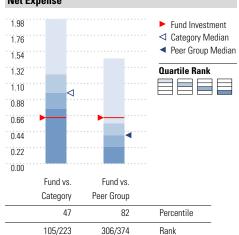
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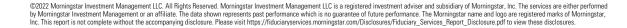
221





3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.42	-	0.88
Beta	0.98	-	0.96
R-Squared	98.76	-	98.48
Standard Deviation	18.63	18.81	18.21
Sharpe Ratio	0.25	0.17	0.22
Tracking Error	2.09	-	2.30
Information Ratio	0.69	_	0.40
Up Capture Ratio	102.59	-	99.91
Down Capture Ratio	97.08	_	96.52

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.38	13.38	14.44
Price/Book Ratio	2.77	1.96	2.21
Avg Eff Duration	6.21	-	8.14





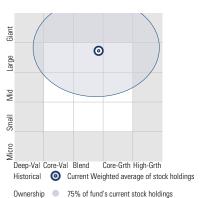
T. Rowe Price Retirement 2050 TRRMX

Quality High MidLow

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

Style Analysis as of 09-30-2022

Morningstar Style Box™



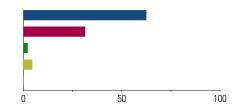
Style Breakdown

Equity				Fixed	Income
14	29	29	Large		
5	10	7	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod

Duration

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

Asset Allocation as of 09-30-2022



Asset Class Net % Cat% US Stocks 62.37 55.67 Non-US Stocks 31.26 28.97 Bonds 2.01 4.93 Cash 4.33 2.07 Other 0.04 8.36 100.00 100.00 Total

		Fund	Bmark	Cat	Fund Benchmark Category Average
.	Cyclical	36.68	39.29	35.76	Tuliu
	Basic Materials	5.04		4.35	
			5.17		
•	Consumer Cyclical	12.81	11.02	11.04	<u> </u>
<u> </u>	Financial Services	14.57	15.93	15.30	
à	Real Estate	4.26	7.17	5.07	
ŲF	Sensitive	41.71	36.83	40.66	
	Communication Services	9.92	5.63	6.72	
	Energy	2.43	5.28	4.92	
ž	Industrials	10.00	11.56	10.41	
3	Technology	19.36	14.36	18.61	
+	Defensive	21.61	23.88	23.56	
Ę	Consumer Defensive	4.76	7.52	6.95	
r	Healthcare	13.54	12.98	13.37	
1	Utilities	3.31	3.38	3.24	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∃ T. Rowe Price Value Z	_	20.77	20.77	_	_
T. Rowe Price Growth Stock Z	-	16.09	36.86	_	_
T. Rowe Price Equity Index 500 Z	-	10.45	47.31	-	-
→ T. Rowe Price International Value Eq Z	-	7.70	55.01	_	-
→ T. Rowe Price Overseas Stock Z	_	7.38	62.39	-	-
T. Rowe Price International Stock Z	_	6.46	68.84	_	_
→ T. Rowe Price Mid-Cap Value Z	_	4.14	72.98	_	_
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.70	76.68	_	_
⊕ T. Rowe Price Real Assets Z	-	3.20	79.88	_	_
T. Rowe Price Emerging Markets Stock Z	_	2.84	82.72	_	_

Total Holdings 26



T. Rowe Price Retirement 2055 TRRNX

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

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 7.17 years.

✓ Net Expense: The fund's expense ratio of 0.64 is 9.86% lower than the Target-Date 2055 category average.

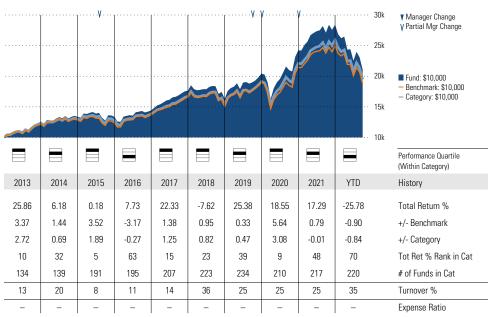
Morningstar Investment Management LLC Analysis

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

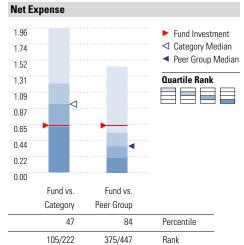
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % 10% as of 09-30-2022 Fund 0 Benchmark -5 Category -10 -15 -20 -25 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -6.44 -22.25 3.53 4.53 7.99 6.07 -6.51 -21.04 2.12 3.59 6.76 6.57 Benchmark Return % -6 41 -20 54 3 15 7 15 4.12 Category Average % 41 86 30 21 % Rank in Category 221 219 195 169 72 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.40	_	0.99
Beta	0.98	_	0.96
R-Squared	98.74	_	98.42
Standard Deviation	18.68	18.89	18.35
Sharpe Ratio	0.24	0.17	0.22
Tracking Error	2.12	_	2.32
Information Ratio	0.66	_	0.45
Up Capture Ratio	102.35	_	100.59
Down Capture Ratio	96.96	_	96.81

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.38	13.28	14.32
Price/Book Ratio	2.77	1.94	2.18
Avg Eff Duration	6.19	-	9.37

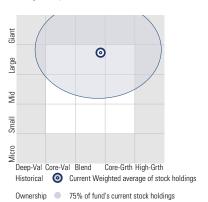


T. Rowe Price Retirement 2055 TRRNX

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

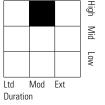
Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

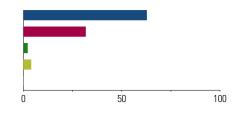
Equity				Fixed	Income
14	29	29	Large		
5	10	7	Mid		
2	3	2	Small		
Value	Blend	Growth		l td	Mod



Quality

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





Total	100.00	100.00
Other	0.04	6.72
Cash	3.79	1.44
Bonds	2.00	4.46
Non-US Stocks	31.55	31.43
US Stocks	62.62	55.94
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund ▼ Benchmark [] Category Average	
ı.	Cyclical	36.67	39.55	35.99	Tuliu Beliciillaik Gategory Average	— T _
•	Basic Materials	5.05	5.25	4.52		
<u>—</u>	Consumer Cyclical	12.80	11.04	11.05		
~ •	Financial Services	14.56	16.01	15.39	The state of the s	
Ť.	Real Estate	4.26	7.25	5.03	, , , , , , , , , , , , , , , , , , ,	
M	Sensitive	41.71	36.75	40.60	•	
₫	Communication Services	9.91	5.63	6.77	· · · · · · · · · · · · · · · · · · ·	
ð	Energy	2.44	5.28	5.02		
Ф	Industrials	10.00	11.59	10.32		
	Technology	19.36	14.25	18.49	T	
→	Defensive	21.62	23.72	23.40		
=	Consumer Defensive	4.78	7.50	6.93		
٠	Healthcare	13.53	12.84	13.27		
•	Utilities	3.31	3.38	3.20		

N.	M . S. B .	0/ 11 . 1	0 1 :: 0/	\(TD D : 0/	
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
T. Rowe Price Value Z	_	20.89	20.89	_	_
	_	16.13	37.02	_	_
⊕ T. Rowe Price Equity Index 500 Z	_	10.49	47.51	_	_
⇒ T. Rowe Price International Value Eq Z	_	7.74	55.25	_	_
⊕ T. Rowe Price Overseas Stock Z	-	7.48	62.73	-	-
⊕ T. Rowe Price International Stock Z	_	6.55	69.28	_	_
∃ T. Rowe Price Mid-Cap Value Z	_	4.18	73.46	_	_
⊕ T. Rowe Price Mid-Cap Growth Z	_	3.71	77.18	_	_
⊕ T. Rowe Price Real Assets Z	_	3.22	80.40	_	_
T. Rowe Price Emerging Markets Stock Z	_	2.87	83.27	_	_

Total Holdings 24



T. Rowe Price Retirement 2060 TRRLX

Morningstar Category Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Wyatt Lee since 08-2015 Kimberly DeDominicis since 10-2019 Andrew Jacobs van Merlen since 01-2020

Quantitative Screens

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

Management: The fund's management has been in place for 7.17 years.

Net Expense: The fund's expense ratio of 0.64 is 9.86% lower than the Target-Date 2060 category average.

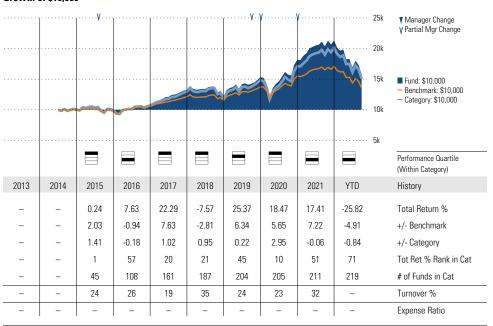
Morningstar Investment Management LLC Analysis

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

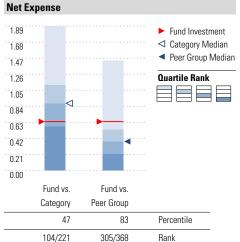
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	2.41	_	1.99
Beta	1.40	_	1.39
R-Squared	97.99	_	97.78
Standard Deviation	18.70	13.18	18.48
Sharpe Ratio	0.24	0.10	0.22
Tracking Error	5.95	_	5.82
Information Ratio	0.40	_	0.34
Up Capture Ratio	149.66	_	148.24
Down Capture Ratio	137.35	_	138.30

Portfolio Metrics					
	Fund	Bmark	Cat		
Price/Earnings Ratio	19.37	13.15	14.41		
Price/Book Ratio	2.77	1.92	2.22		
Avg Eff Duration	6.20	-	7.31		



T. Rowe Price Retirement 2060 TRRLX

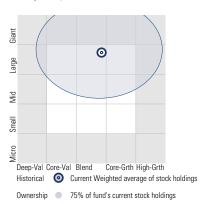
Morningstar Category Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™



Style Breakdown

Weight %

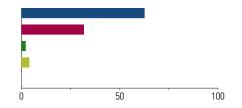
Equity				LIXE
14	29	29	Large	
5	10	7	Mid	
2	3	2	Small	
Value	Dland	Croudh		Lad

Value Blend Growth

>50 25-50 10-25 0-10

Fixed Income Quality High MidLow Mod I td Duration

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.04	4.89
Cash	3.81	2.21
Bonds	2.00	4.49
Non-US Stocks	31.62	31.93
US Stocks	62.52	56.48
Asset Class	Net %	Cat%

Sector Weighting as of 0	9-30-2022			
	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
ひ Cyclical	36.68	39.36	35.61	
Basic Materials	5.06	5.20	4.57	
Consumer Cyclical	12.79	10.78	11.04	
Financial Services	14.57	16.20	15.14	
Real Estate	4.26	7.18	4.86	
✓ Sensitive	41.70	36.47	40.72	
Communication Services	9.92	5.85	6.85	
Energy	2.43	5.39	5.04	
Industrials	10.00	11.11	10.40	
Technology	19.35	14.12	18.43	
→ Defensive	21.63	24.18	23.66	
Consumer Defensive	4.78	7.80	6.98	
Healthcare	13.54	12.64	13.58	
Utilities	3.31	3.74	3.10	
				0% 5 10 15 20 25 30 35 40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ T. Rowe Price Value 7	_	20.88	20.88	_	_
⊕ T. Rowe Price Growth Stock Z	_	16.13	37.01	_	_
⊕ T. Rowe Price Equity Index 500 Z	_	10.46	47.47	_	_
⊕ T. Rowe Price International Value Eq Z	_	7.74	55.21	_	_
⊕ T. Rowe Price Overseas Stock Z	-	7.57	62.78	-	_
⊕ T. Rowe Price International Stock Z	_	6.53	69.32	_	_
⊕ T. Rowe Price Mid-Cap Value Z	_	4.19	73.50	_	_
	_	3.70	77.21	-	_
⊕ T. Rowe Price Real Assets Z	-	3.22	80.43	_	_
⊕ T. Rowe Price Emerging Markets Stock Z	_	2.87	83.30	_	_

Total Holdings 24



Vanguard 500 Index Admiral VFIAX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

- ✓ Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.43 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.04 is 95% 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	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2022 ■ Fund 5 Benchmark Category -10 -15 -20 Average annual, if greater than 1 year 3 Month 10 year Since Inception 1 Year 3 yea 5 year Fund Return % -4.89 -15.51 8.12 9.20 11.66 6.58 10.51 -4.88 -15.47 8.16 9.24 11.70 Benchmark Return % -4 99 -15 83 6 77 7 74 10.38 Category Average % 48 42 23 20 13 % Rank in Category 1.435 1.376 1.250 1.131 828 # of Funds in Category



3-1 ear hisk weitics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-1.32
Beta	1.00	_	0.96
R-Squared	100.00	_	95.48
Standard Deviation	20.30	20.30	19.87
Sharpe Ratio	0.45	0.45	0.37
Tracking Error	0.01	_	4.01
Information Ratio	-3.65	_	-0.98
Up Capture Ratio	99.95	_	92.89
Down Capture Ratio	100.07	_	97.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.65	17.98	18.23
Price/Book Ratio	3.73	3.38	3.60
Geom Avg Mkt Cap \$B	182.15	164.20	210.33
ROE	32.18	31.94	32.91



$\textbf{Vanguard 500 Index Admiral} \quad \forall \mathsf{FIAX}$

Asset Allocation as of 09-30-2022

Morningstar Category Morningstar Index

Large Blend S&P 500 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

19	29	36	Laige
4	9	2	MIN
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Total	100.00	100.00
Other	0.00	1.09
Cash	0.77	0.53
Bonds	0.00	0.87
Non-US Stocks	0.99	2.67
US Stocks	98.23	94.84
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-3	30-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	29.27	29.69	29.07	
A.	Basic Materials	2.25	2.24	2.66	
A	Consumer Cyclical	11.21	11.44	10.23	
£	Financial Services	12.96	13.11	13.64	
ŵ	Real Estate	2.85	2.90	2.54	
Ma.	Sensitive	46.26	44.73	45.16)
ď	Communication Services	8.42	8.07	7.92	
ð	Energy	4.68	4.55	4.06	
¢	Industrials	8.47	8.32	10.09	
	Technology	24.69	23.79	23.09	
→	Defensive	24.48	25.58	25.75	
=	Consumer Defensive	7.19	7.33	7.35	
٠	Healthcare	14.16	15.18	15.61	
•	Utilities	3.13	3.07	2.79	
					0% 5 10 15 20 25 30 35 40 45 5

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.20	7.20	-21.79	Technology
Microsoft Corp	5.83	13.03	-30.20	Technology
⊕ Amazon.com Inc	3.30	16.33	-32.22	Consumer Cyclical
⊕ Tesla Inc	2.07	18.40	-24.70	Consumer Cyclical
⊕ Alphabet Inc Class A	1.93	20.33	-33.97	Communication Svc
⊕ Alphabet Inc Class C	1.80	22.13	-33.54	Communication Svc
€ Berkshire Hathaway Inc Class B	1.51	23.64	-10.70	Financial Services
Ð UnitedHealth Group Inc	1.45	25.10	1.52	Healthcare
Ð Johnson & Johnson	1.26	26.36	-2.57	Healthcare
⊕ Exxon Mobil Corp	1.20	27.56	47.00	Energy
NVIDIA Corp	1.13	28.69	-58.69	Technology
⊕ Meta Platforms Inc Class A	1.11	29.80	-59.66	Communication Svc
D JPMorgan Chase & Co	1.00	30.79	-32.11	Financial Services
Procter & Gamble Co	0.99	31.78	-21.17	Consumer Defensive
D Visa Inc Class A	0.97	32.75	-17.50	Financial Services

Total Holdings 506



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 9.61 years.

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

Net Expense: The fund's expense ratio of 0.07 is 92.47% lower than the Foreign Large Blend category average.

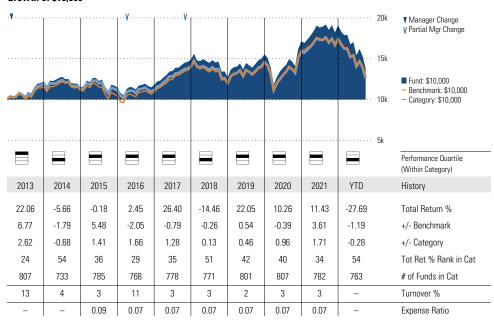
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance



Net Expe	ense		
4.41			► Fund Investment
3.92			Category Median
3.43			◆ Peer Group Median
2.94			Quartile Rank
2.45			
1.96			
1.47	□ □		
0.98			
0.49			
0.00		·····	
	Fund vs.	Fund vs.	
	Category	Peer Group	
	4	32	Percentile

	32/796	72/228	Rank			
Peer gro	up is a subset of	f the category and	d includes fund	ls with the		
same management style (active vs. passive) and similar share class						
characte	ristics.					

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.53	_	0.08
Beta	1.06	_	1.01
R-Squared	96.96	_	93.77
Standard Deviation	19.95	18.48	19.26
Sharpe Ratio	0.00	-0.03	-0.02
Tracking Error	3.67	_	4.83
Information Ratio	0.07	_	-0.01
Up Capture Ratio	108.74	_	103.08
Down Capture Ratio	106.85	_	103.04

Portfolio Metrics									
	Fund	Bmark	Cat						
Price/Earnings Ratio	11.82	11.06	11.27						
Price/Book Ratio	1.46	1.49	1.51						
Geom Avg Mkt Cap \$B	25.35	34.91	41.65						
ROE	17.20	18.13	20.02						



Vanguard Developed Markets Index Admiral VTMGX

Morningstar CategoryForeign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

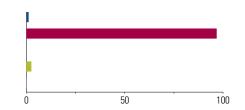
			Large
26	28	22	Эe
6	9	5	MIM
2	2	1	SIIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.08	0.83
Cash	2.32	0.82
Bonds	0.00	0.62
Non-US Stocks	96.65	94.78
US Stocks	0.94	2.94
Asset Class	Net %	Cat%

	ctor Weighting as of 09-3								по					
		Fund	Bmark	Cat	Fund	i i	Bench	mark	Categ	ory Ave	erage			,
ŀ	Cyclical	40.66	42.29	38.90										
A.	Basic Materials	8.06	8.16	7.50			0							
A	Consumer Cyclical	10.40	10.91	10.70										
,	Financial Services	18.18	20.73	18.44										
ŧ	Real Estate	4.02	2.49	2.26										
M	Sensitive	36.25	35.38	35.46										
	Communication Services	4.84	6.35	5.49										
ð	Energy	5.99	6.26	5.64										
¢	Industrials	15.66	11.87	14.29										
	Technology	9.76	10.90	10.04										
→	Defensive	23.08	22.32	25.63										
=	Consumer Defensive	8.85	9.14	10.18										
٠	Healthcare	11.02	9.95	12.44		- :								
•	Utilities	3.21	3.23	3.01		0								
					0%	5	10	15	20	25	30	35	40	-

World Regions % Equity 09-30-2022



	Fund %	Cat %
Greater Asia	37.33	36.02
Japan	21.06	18.20
Australasia	7.63	5.40
Asia-4 Tigers	8.36	6.89
Asia-ex 4 Tigers	0.28	5.53
Not Classified	0.00	0.00

Americas	Fund % 11.52	Cat % 9.12	Greater Europe	Fund % 51.16	Cat % 54.87	Market Maturity	Fund %
North America	11.42	7.95	United Kingdom	12.33	13.86	Developed Markets	99.38
Central/Latin	0.10	1.17	W euro-ex UK	37.80	39.70	Emerging Markets	0.62
			Emrgng Europe	0.23	0.06	Not Available	0.00
			Africa	0.80	1.25		

Top 10 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nestle SA	1.69	1.69	-14.55	Consumer Defensive
	1.31	3.00	_	-
Roche Holding AG	1.16	4.16	-13.08	Healthcare
⊕ Samsung Electronics Co Ltd	1.09	5.25	_	Technology
⊕ Shell PLC	1.04	6.29	42.21	Energy
⊕ AstraZeneca PLC	1.00	7.30	17.14	Healthcare
⊕ ASML Holding NV	0.98	8.27	-37.96	Technology
① Toyota Motor Corp	0.95	9.23	-9.84	Consumer Cyclical
Novartis AG	0.88	10.10	-3.41	Healthcare
⊕ Novo Nordisk A/S Class B	0.87	10.98	4.70	Healthcare

Total Holdings 4132

 \oplus Increase \ominus Decrease $\ref{eq:Decrease}$ 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 12.76 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.32 is 69.52% lower than the Foreign Large Growth category average.

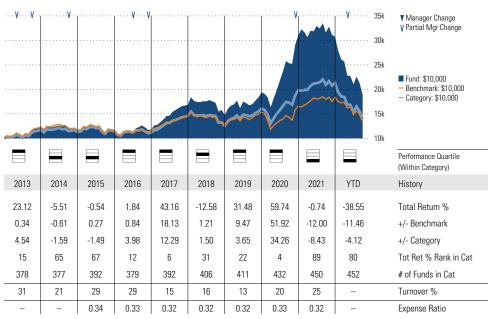
Morningstar Investment Management LLC Analysis

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ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022

Growth of \$10,000



Trailing Performance



3-Year Risk Metrics

Down Capture Ratio

Net Exp	ense		
3.31			► Fund Investment
2.94			Category Median
2.57			 Peer Group Median
2.21			Quartile Rank
1.84			
1.47			
1.10			
0.74			
0.37	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	4	8	Percentile

	19/457	31/391	Rank		
Peer group i	s a subset of the	category and in	cludes funds with the		
same management style (active vs. passive) and similar share class					
characterist	ce				

Fund **Bmark** Cat Alpha 6.31 0.70 0.97 Reta 1 04 R-Squared 72.31 83.00 Standard Deviation 23 42 19 12 20 41 Sharpe Ratio 0.24 -0.04 0.00 Tracking Error 12.35 8.47 Information Ratio 0.44 0.06 Up Capture Ratio 116.70 105.45

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.92	11.53	17.83
Price/Book Ratio	3.66	1.45	2.68
Geom Avg Mkt Cap \$B	73.94	37.04	42.78
ROE	18.47	18.66	21.82

95.06

103.29



Vanguard International Growth Adm VWILX

Morningstar Category Foreign Large Growth N

Morningstar Index MSCI EAFE NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

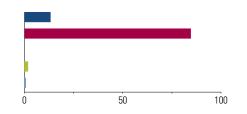
10	33	44	Large
1	4	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

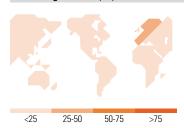
Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.62	0.44
Cash	1.71	3.04
Bonds	0.00	0.06
Non-US Stocks	84.51	89.29
US Stocks	13.15	7.17
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-	30-2022											
		Fund	Bmark	Cat	Fund	· •	Benchma	ark [] C	ategory	Average			
Դ	Cyclical	37.82	38.61	34.60			,						
A	Basic Materials	0.51	7.50	6.46		0	' i						
A	Consumer Cyclical	27.26	10.50	12.47									
,	Financial Services	10.05	17.65	14.87				0	7				
侖	Real Estate	0.00	2.96	0.80	[]	1							
W	Sensitive	38.35	33.04	39.45									
d	Communication Services	7.77	5.11	4.52									
•	Energy	2.21	5.02	3.90				į					
Ф	Industrials	10.61	14.77	15.63		- :							
	Technology	17.76	8.14	15.40			T						
→	Defensive	23.82	28.34	25.94									
Ħ	Consumer Defensive	5.96	11.17	9.56									
٠	Healthcare	16.84	13.99	15.41									
•	Utilities	1.02	3.18	0.97		7							
					0%	5	10	15	20	25	30	35	4

World Regions % Equity 09-30-2022



Greater Asia	Fund % 30.70	Cat % 27.73	
Japan	7.36	11.15	
Australasia	0.61	1.91	
Asia-4 Tigers	7.97	6.07	
Asia-ex 4 Tigers	14.76	8.60	
Not Classified	0.00	0.00	

Americas	Fund % 20.83	Cat % 15.17	Greater Europe	Fund % 48.47	Cat % 57.11	Market Maturity	Fund %
North America	15.22	13.28	United Kingdom	7.14	12.20	Developed Markets	79.63
Central/Latin	5.61	1.89	W euro-ex UK	41.00	44.27	Emerging Markets	20.37
			Emrgng Europe	0.00	0.03	Not Available	0.00
			Africa	0.33	0.61		

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ACMI Halding NV	5.84	E 04	27.00	Taabaalaay
		5.84	-37.96	Technology
	4.56	10.40	-38.61	Consumer Cyclical
→ Tencent Holdings Ltd	3.88	14.28	-44.79	Communication Svc
⊕ Adyen NV	3.55	17.83	-43.68	Technology
Taiwan Semiconductor Manufacturing Co Ltd	3.47	21.30	-30.04	Technology
⊖ Tesla Inc	3.23	24.54	-24.70	Consumer Cyclical
Moderna Inc	3.18	27.72	-53.44	Healthcare
⊖ Kering SA	2.85	30.57	-33.43	Consumer Cyclical
Illumina Inc	2.54	33.11	-49.85	Healthcare
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.45	35.56	-17.44	Consumer Cyclical

Total Holdings 145



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

- 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 12.35 years.
- Style: The fund has landed in its primary style box —
 Large Value 81.82 % of the time over the past three vears.
- Net Expense: The fund's expense ratio of 0.36 is 63.27% lower than the Foreign Large Value category average.

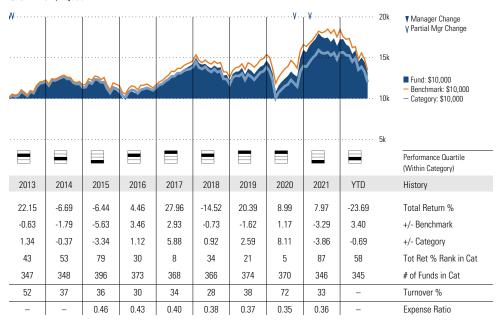
Morningstar Investment Management LLC Analysis

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Management's quantitative screens. Morningstar
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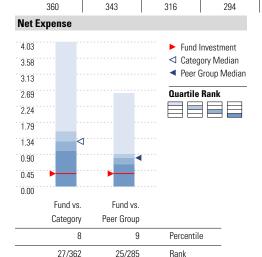
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.38	_	0.34
Beta	1.04	_	1.04
R-Squared	92.26	_	89.47
Standard Deviation	20.65	19.12	21.05
Sharpe Ratio	0.03	-0.04	-0.02
Tracking Error	5.79	_	7.05
Information Ratio	0.18	_	-0.02
Up Capture Ratio	104.09	_	102.74
Down Capture Ratio	99.77	_	102.75

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.50	11.53	8.37
Price/Book Ratio	1.52	1.45	1.03
Geom Avg Mkt Cap \$B	32.18	37.04	27.97
ROE	14.40	18.66	16.85



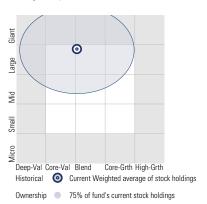


Vanguard International Value Inv VTRIX

Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

27	41	13	Large
6	8	2	Mid
2	1	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2022



		Fund	Bmark	Cat	Fund • Benchmark Category Average
b	Cyclical	47.36	38.61	42.60	
	Basic Materials	10.46	7.50	8.90	
-	Consumer Cyclical	16.32	10.50	10.74	
ê	Financial Services	19.15	17.65	21.42	
b	Real Estate	1.43	2.96	1.54	
NF	Sensitive	37.94	33.04	34.92	
	Communication Services	6.51	5.11	6.69	
	Energy	7.10	5.02	7.77	
þ	Industrials	16.43	14.77	13.95	
1	Technology	7.90	8.14	6.51	-
÷	Defensive	14.71	28.34	22.49	
7	Consumer Defensive	4.98	11.17	8.49	
ř	Healthcare	6.43	13.99	10.44	
2	Utilities	3.30	3.18	3.56	

100

World Regions % Equity 09-30-2022



Greater Asia	Fund % 37 94	Cat % 31.10	
Japan	10.41	17.03	
Australasia	1.61	3.76	
Asia-4 Tigers Asia-ex 4 Tigers	11.71 14.21	7.20 3.11	
Not Classified	0.00	0.00	

Americas	Fund % 11.87	Cat % 8.91	Greater Europe	Fund % 50.17	Cat % 59.99	Market Maturity	Fund %
North America	7.38	7.67	United Kingdom	16.07	18.32	Developed Markets	80.33
Central/Latin	4.49	1.24	W euro-ex UK	33.04	41.06	Emerging Markets	19.67
			Emrgng Europe	0.00	0.09	Not Available	0.00
			Africa	1.06	0.52		

Top 10 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	4.85	4.85	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	1.44	6.29	-17.44	Consumer Cyclical
⊕ HSBC Holdings PLC	1.38	7.67	8.99	Financial Services
⊕ TotalEnergies SE	1.37	9.04	14.15	Energy
⊕ Compass Group PLC	1.33	10.37	10.75	Consumer Cyclical
⊕ Holcim Ltd	1.33	11.69	-7.16	Basic Materials
⊕ Novartis AG	1.30	12.99	-3.41	Healthcare
⊕ Bank Bradesco SA ADR	1.27	14.26	20.01	Financial Services
⊕ RELX PLC	1.17	15.43	-6.19	Communication Svc
⊕ BP PLC	1.12	16.55	35.18	Energy

Total Holdings 238

 \oplus Increase \ominus Decrease $\ref{eq:Decrease}$ 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 26.4 years.

Net Expense: The fund's expense ratio of 0.12 is 88.35% lower than the Real Estate category average.

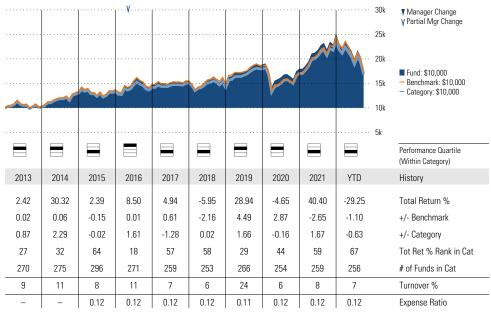
Morningstar Investment Management LLC Analysis

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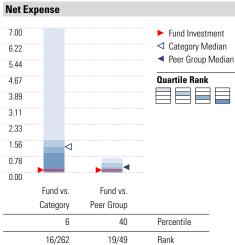
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.18	_	0.40
Beta	0.96	_	0.94
R-Squared	98.54	_	93.58
Standard Deviation	22.30	23.04	22.38
Sharpe Ratio	0.01	0.01	0.04
Tracking Error	2.84	_	5.35
Information Ratio	0.12	_	0.10
Up Capture Ratio	97.98	_	96.35
Down Capture Ratio	97.13	-	95.31

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.45	38.46	26.25
Price/Book Ratio	2.48	2.42	2.16
Geom Avg Mkt Cap \$B	21.81	9.35	25.36
ROE	15.56	9.56	17.30



Vanguard Real Estate Index Admiral VGSLX

Morningstar Index **Morningstar Category** Real Estate

S&P United States REIT TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

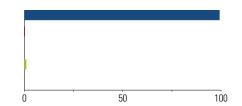
Equity

1. /			
0	28	8	Large
3	38	7	Mid
4	9	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2022

Total	100.00	100.00
Other	0.00	8.16
Cash	0.79	2.36
Bonds	0.00	4.15
Non-US Stocks	0.04	1.44
US Stocks	99.17	83.90
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	 Benchmark 	Category Average
Cyclical	99.41	99.13	99.29			
Basic Materials	0.00	0.00	0.06	ĺ		
Consumer Cyclical	0.00	0.13	0.92	i i		
Financial Services	0.00	0.00	0.25	Í		
Real Estate	99.41	99.00	98.06			
* Sensitive	0.59	0.87	0.68	Ó		
Communication Services	0.54	0.00	0.13			
Energy	0.00	0.00	0.02	Ď i		
Industrials	0.00	0.87	0.24			
Technology	0.05	0.00	0.29	Í		
Defensive	0.00	0.00	0.03			
Consumer Defensive	0.00	0.00	0.00	ĺ		
Healthcare	0.00	0.00	0.01	İ		
Utilities	0.00	0.00	0.02	Ī		

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Real Estate II Index	11.71	11.71		_
American Tower Corp	7.39	19.09	-25.63	Real Estate
⊕ Prologis Inc	5.87	24.96	-38.25	Real Estate
⊕ Crown Castle Inc	4.71	29.68	-28.64	Real Estate
Equinix Inc	3.81	33.49	-31.65	Real Estate
Public Storage	3.33	36.82	-16.71	Real Estate
① Realty Income Corp	2.62	39.43	-15.60	Real Estate
	2.23	41.67	-26.28	Real Estate
Welltower OP LLC	2.14	43.81	-22.88	Real Estate
Digital Realty Trust Inc	2.13	45.94	-41.86	Real Estate
Simon Property Group Inc	2.08	48.02	-40.63	Real Estate
AvalonBay Communities Inc	1.79	49.81	-25.19	Real Estate
① VICI Properties Inc Ordinary Shares	1.78	51.59	2.82	Real Estate
① Extra Space Storage Inc	1.70	53.29	-21.84	Real Estate
○ CBRE Group Inc Class A	1.64	54.93	-37.78	Real Estate

Total Holdings 171



Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

Morningstar Index Russell 2000 Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 6.43 years.

Net Expense: The fund's expense ratio of 0.07 is 93.91% lower than the Small Value category average.

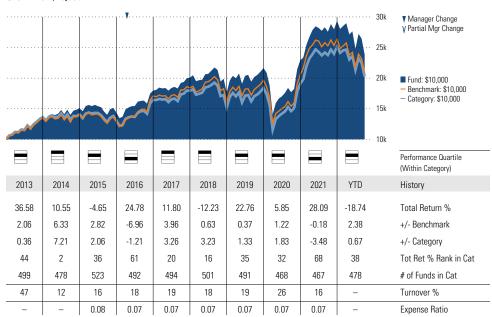
Morningstar Investment Management LLC Analysis

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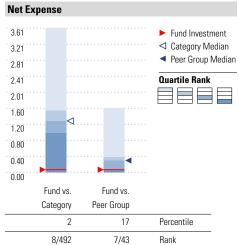
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000

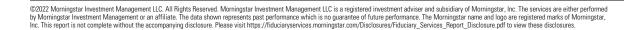






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.07	_	0.96
Beta	0.96	_	0.99
R-Squared	97.92	_	94.89
Standard Deviation	25.64	26.48	26.98
Sharpe Ratio	0.32	0.28	0.31
Tracking Error	3.86	-	6.33
Information Ratio	0.25	-	0.12
Up Capture Ratio	96.23	-	99.47
Down Capture Ratio	93.19	-	97.32

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.31	8.44	9.93
Price/Book Ratio	1.77	1.16	1.45
Geom Avg Mkt Cap \$B	5.23	1.65	3.37
ROE	17.99	7.02	16.19





Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

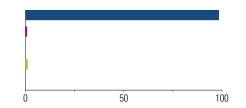
0	0	0	Large
17	22	3	Mid
27	28	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.00	0.02
Cash	1.00	2.08
Bonds	0.00	0.03
Non-US Stocks	0.69	2.90
US Stocks	98.31	94.97
Asset Class	Net %	Cat%

	ctor Weighting as of 09-3			0 .			По				
		Fund	Bmark	Cat	Fund	 Benchmark 	Cate	gory Av	erage		
ŀ	Cyclical	49.15	53.08	50.26		: :					
æ.	Basic Materials	5.74	3.36	5.71							
A	Consumer Cyclical	11.44	9.92	12.73							
ø	Financial Services	20.80	26.51	24.49							
fi	Real Estate	11.17	13.29	7.33							
W	Sensitive	35.26	26.23	35.83							
	Communication Services	1.89	2.88	1.93							
ð	Energy	6.36	5.32	6.56							
Ф	Industrials	19.57	11.49	18.02							
	Technology	7.44	6.54	9.32							
—	Defensive	15.60	20.70	13.92							
=	Consumer Defensive	4.73	3.44	4.24							
+	Healthcare	5.68	12.22	6.43] '					
•	Utilities	5.19	5.04	3.25							

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Slcmt1142	0.82	0.82	_	_
	0.71	1.54	11.35	Industrials
Molina Healthcare Inc	0.69	2.23	3.70	Healthcare
⊕ Atmos Energy Corp	0.60	2.83	-0.84	Utilities
⊕ IDEX Corp	0.57	3.40	-14.70	Industrials
⊕ Carlisle Companies Inc	0.55	3.94	13.75	Industrials
⊕ Brown & Brown Inc	0.53	4.47	-13.51	Financial Services
⊕ Bunge Ltd	0.50	4.97	-9.76	Consumer Defensive
⊕ Howmet Aerospace Inc	0.50	5.47	-2.64	Industrials
⊕ Steel Dynamics Inc	0.50	5.97	15.95	Basic Materials
⊕ Kimco Realty Corp	0.49	6.46	-22.84	Real Estate
⊕ Ovintiv Inc	0.47	6.93	38.58	Energy
⊕ Booz Allen Hamilton Holding Corp Class A	0.45	7.39	10.44	Industrials
⊕ APA Corp	0.45	7.84	28.54	Energy
⊕ Essential Utilities Inc	0.44	8.28	-21.39	Utilities

Total Holdings 895



Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

Samuel Martinez since 01-2017 Daniel Shaykevich since 04-2018 Arvind Narayanan since 11-2019

Quantitative Screens

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

Management: The fund's management has been in place for 5.68 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.1 is 78.72% lower than the Ultrashort Bond category average.

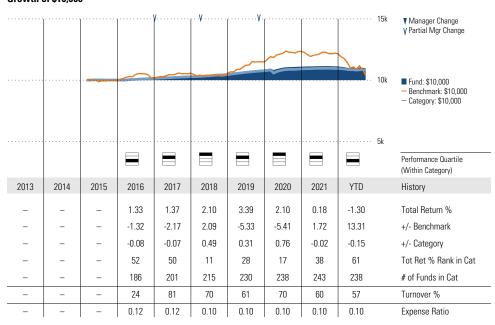
Morningstar Investment Management LLC Analysis

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.

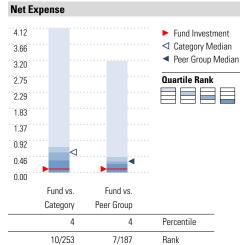
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % -0.16 -1.51 0.53 1.32 1.23 0.89 -4.75 -14.60 -3.26 -0.27 6.63 Benchmark Return % 0.12 -1.30 0.34 1.04 0.84 Category Average % 81 61 44 26 % Rank in Category 247 237 216 178 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.93	_	0.71
Beta	0.12	_	0.12
R-Squared	37.12	_	16.20
Standard Deviation	1.09	5.36	1.88
Sharpe Ratio	-0.09	-0.70	-0.23
Tracking Error	4.77	_	5.17
Information Ratio	0.79	_	0.69
Up Capture Ratio	24.80	_	25.28
Down Capture Ratio	9.11	_	12.13

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.97	4.43	0.90
Avg Eff Maturity	0.90	-	2.34



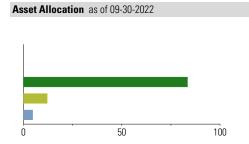
Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD





Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	83.41	70.09
Cash	11.99	27.70
Other	4.60	2.22
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	17.58	3.53	43.89
AA	7.08	74.59	6.32
A	35.35	10.82	18.20
BBB	34.58	8.32	21.88
BB	0.00	0.28	1.39
В	0.00	0.00	1.10
Below B	0.33	0.00	0.26
Not Rated	5.08	2.46	6.97

Sector Weighting as of 09-			_					п -							
	Fund	Bmark	Cat	Fund	7 E	Benchr	mark] Ca	tegor	y Aver	age				
Government	13.79	-	15.37												
Treasury	11.85	_	9.99												
Inflation - Protected	0.00	_	0.00												
Agency/Quasi Agency	1.89	_	1.26	•0											
Other Government Related	0.05	_	4.12	1 0											
Corporate	58.43	-	36.35												
Corporate Bond	53.83	_	31.57												
Bank Loan	0.00	_	0.37	0											
Convertible	4.60	_	4.41												
Preferred	0.00	_	0.00	İ											
Securitized	15.58	-	20.65												
Agency MBS Pass-Through	0.00	_	0.50	0											
Agency MBS ARM	0.00	_	0.58												
Agency MBS CMO	0.34	_	3.09	1 [
Non-Agency Residential MBS	0.02	_	0.40	0 :											
Commercial MBS	0.09	_	1.26	[]											
Asset-Backed	15.13	_	14.82												
Covered Bond	0.00	_	0.00												
Municipal	0.00	-	1.00	i []											
Cash & Equivalents	12.00	_	26.44					[
Other	0.00	-	0.09												
				0% 5	10	15	20	25	30	35	40	45	50	55	60

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Name	Maturity Date	% Net Asset	Cumulative %	rixed income Sector
① United States Treasury Bills	_	8.89	8.89	_
⊕ Mktliq 12/31/2049	_	4.94	13.83	-
United States Treasury Notes	_	1.60	15.43	-
Bank of Korea	_	0.83	16.25	-
NTT Finance Corp	_	0.77	17.02	_
⊕ Bank of Montreal	_	0.69	17.72	_
UBS Group Funding (Switzerland) AG	_	0.68	18.40	-
Charter Communications Operating, LLC/Charter Communications Operating Capi	_	0.63	19.03	_
① United States Treasury Notes	_	0.55	19.58	-
Bank of Korea	_	0.52	20.10	_

