Allspring Small Company Growth R6 WSCRX

Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Portfolio Manager(s)

Paul von Kuster since 11-1994 Daniel Hagen since 02-2003 William Grierson since 04-2005 Ryan Smith since 01-2021 Samuel Smith since 01-2021

Quantitative Screens

- Performance: The fund has finished in the Small Growth category's top three quartiles in 8 of the 8 years it's been in
- Management: The fund's management has been in place for 28.16 years.
- Style: The fund has landed in its primary style box Small Growth — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.86 is 27.73% lower than the Small Growth category average.

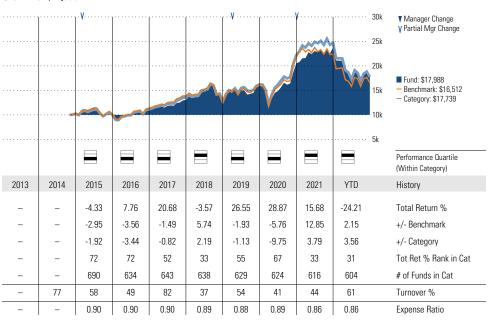
Morningstar Investment Management LLC Analysis

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

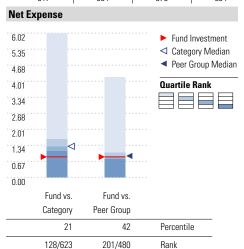
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	3.46	_	2.83
Beta	0.91	_	0.95
R-Squared	93.47	_	91.46
Standard Deviation	25.09	26.57	26.53
Sharpe Ratio	0.25	0.12	0.22
Tracking Error	6.82	_	7.92
Information Ratio	0.51	_	0.35
Up Capture Ratio	97.40	_	101.46
Down Capture Ratio	87.84	_	94.05

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.38	13.28	21.13
Price/Book Ratio	2.84	3.39	3.57
Geom Avg Mkt Cap \$B	3.72	2.51	4.52
ROE	7.90	12.50	12.24



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Allspring Small Company Growth R6 WSCRX

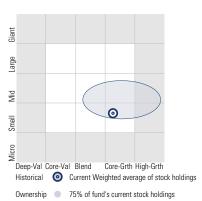
Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

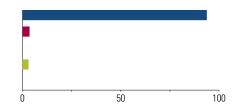
Equity

0	0	2	Large
2	11	7	Mid
9	37	32	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	0.76
Cash	2.92	2.51
Bonds	0.00	0.01
Non-US Stocks	3.44	4.22
US Stocks	93.64	92.50
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		▼ Ben	chmarl	([] C	ategory	/ Avera	ge		
٠	Cyclical	22.96	22.65	25.63										
ì.	Basic Materials	5.21	4.78	2.79		ď								
	Consumer Cyclical	8.46	9.82	11.03										
<u></u>	Financial Services	8.55	5.84	9.28		: V								
à	Real Estate	0.74	2.21	2.53	• [
Ųľ	Sensitive	45.93	47.52	46.46										ľ
	Communication Services	0.25	2.15	1.84	1 [_ :							
	Energy	2.19	7.42	4.36			٠							
3	Industrials	17.52	17.17	17.68				- :						
1	Technology	25.97	20.78	22.58										
+	Defensive	31.11	29.82	27.91										
Ţ	Consumer Defensive	5.42	4.88	4.70										
ř	Healthcare	25.69	23.09	22.23										
1	Utilities	0.00	1.85	0.98	i[

Top 0 Holdings as of 12-31-2022

Name

% Net Asset

Cumulative %

YTD Return % Mor

Morningstar Sector

Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio



American Funds Intl Gr and Inc R6 RIGGX

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

Portfolio Manager(s)

Steven Watson since 10-2008 Andrew Suzman since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Paul Flynn since 09-2017 Michael Cohen since 07-2018 Lisa Thompson since 09-2018

Quantitative Screens

- Performance: The fund has finished in the Foreign Large Blend 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 14.26 years.
- Net Expense: The fund's expense ratio of 0.54 is 39.33% 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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.52	_	0.80
Beta	1.08	_	1.03
R-Squared	96.75	_	94.10
Standard Deviation	21.51	19.53	20.67
Sharpe Ratio	0.08	0.06	0.09
Tracking Error	4.20	-	5.04
Information Ratio	0.07	-	0.14
Up Capture Ratio	109.15	_	106.74
Down Capture Ratio	107.66	-	104.08

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.31	11.94	12.68
Price/Book Ratio	1.71	1.58	1.72
Geom Avg Mkt Cap \$B	45.50	39.70	47.23
ROE	20.43	18.39	20.83



American Funds Intl Gr and Inc R6 RIGGX

Morningstar CategoryMorningstar IndexForeign Large BlendMSCI ACWI Ex USA NR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

. ,			
29	31	24	Large
4	5	5	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.19
Cash	2.33	1.20
Bonds	0.08	0.21
Non-US Stocks	91.84	94.64
US Stocks	5.76	2.74
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bench	mark	Cateo	jory Ave	erage		_
Դ	Cyclical	37.80	42.57	39.16									•
A.	Basic Materials	6.77	8.36	7.62									
A	Consumer Cyclical	11.06	10.81	10.55		•							
	Financial Services	18.33	20.80	18.85					= []				
fi	Real Estate	1.64	2.60	2.14									
₩.	Sensitive	35.82	35.51	35.36									
	Communication Services	6.22	6.32	5.22									
ð	Energy	7.94	6.11	5.65									
Ф	Industrials	11.52	12.12	14.57			<u> </u>						
	Technology	10.14	10.96	9.92									
→	Defensive	26.38	21.90	25.48									
Ħ	Consumer Defensive	12.72	8.69	10.07									
+	Healthcare	10.65	10.00	12.47									
0	Utilities	3.01	3.21	2.94		'							

World Regions % Equity 12-31-2022



Greater Asia	78.83	Cat % 35.26
Japan	7 43	18.06
Australasia	0.44	5.40
Asia-4 Tigers	11.63	6.66
Asia-ex 4 Tigers	9.33	5.14
Not Classified	0.00	0.00

Americas	Fund % 14.47	Cat % 8.84	Greater Europe	Fund % 56.70	Cat % 55.90	Market Maturity	Fund %
North America	10.14	7.61	United Kingdom	14.34	13.78	Developed Markets	85.71
Central/Latin	4.33	1.23	W euro-ex UK	41.28	40.87	Emerging Markets	14.29
			Emrgng Europe	0.32	0.06	Not Available	0.00
			Africa	0.76	1.19		

Top 10 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
AstraZeneca PLC	3.49	3.49	25.11	Healthcare
○ Capital Group Central Cash M	2.57	6.06	_	-
→ British American Tobacco PLC	2.56	8.62	28.91	Consumer Defensive
☐ Taiwan Semiconductor Manufacturing Co Ltd	2.52	11.14	-25.28	Technology
Novo Nordisk A/S Class B	2.24	13.37	29.55	Healthcare
⊕ Philip Morris International Inc	2.20	15.57	11.84	Consumer Defensive
Airbus SE	2.03	17.60	0.80	Industrials
⊕ ASML Holding NV	1.97	19.57	-28.16	Technology
⊕ TotalEnergies SE	1.85	21.42	39.64	Energy
⊕ AIA Group Ltd	1.49	22.91	17.53	Financial Services

Total Holdings 254

⊕ Increase ⊕ Decrease
★ New to Portfolio



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 Steven Watson since 12-2005 Brady Enright 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 22.1 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 61.68% lower than the Global Large-Stock Growth category

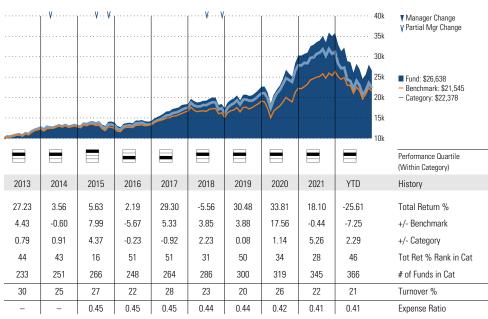
Morningstar Investment Management LLC Analysis

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

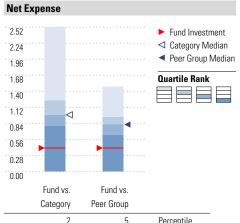
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

Growth of \$10,000



Trailing Performance





	5/373	12/251	Rank				
Peer group is a subset of the category and includes funds with the							
same management style (active vs. passive) and similar share class							
characteris	tice						

Rank

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.39	-	-0.96
Beta	1.09	_	1.05
R-Squared	95.86	_	88.45
Standard Deviation	22.44	20.14	22.60
Sharpe Ratio	0.31	0.25	0.20
Tracking Error	4.91	_	7.63
Information Ratio	0.31	_	-0.10
Up Capture Ratio	113.11	_	103.42
Down Capture Ratio	108.91	_	108.20

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.19	15.37	22.05
Price/Book Ratio	3.14	2.37	3.99
Geom Avg Mkt Cap \$B	91.08	87.09	104.74
ROE	26.15	25.56	25.87



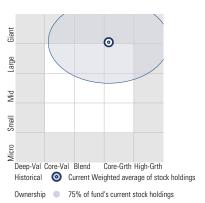
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American Funds New Perspective R6 RNPGX

Morningstar CategoryMorningstar IndexGlobal Large-Stock GrowthMSCI ACWI NR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

Lquity			
15	27	42	Large
2	7	7	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2022



		Fund	Bmark	Cat	Fund	۱ ۱	Bench	mark	Cateo	jory Ave	rage	_		
<u></u>	Cyclical	31.85	34.06	31.13								- *		
A.	Basic Materials	6.17	4.82	3.10										
Д	Consumer Cyclical	12.06	10.06	12.26]						
	Financial Services	12.86	16.40	14.68										
fi	Real Estate	0.76	2.78	1.09	•	'								
W	Sensitive	40.11	41.45	44.25										
	Communication Services	6.08	6.94	7.08										
•	Energy	5.41	5.61	2.28										
Ф	Industrials	11.03	10.27	10.95										
	Technology	17.59	18.63	23.94					ı '					
—	Defensive	28.05	24.48	24.62										
Ħ	Consumer Defensive	7.01	7.90	5.65			•							
+	Healthcare	19.71	13.46	17.68				· ·	()===					
•	Utilities	1.33	3.12	1.29		'								
					0%	5	10	15	20	25	30	35	40	45

50

World Regions % Equity 12-31-2022



Greater Asia	Fund % 12.38	Cat % 14.33
Japan	3.41	4.39
Australasia	0.30	0.36
Asia-4 Tigers	6.05	3.98
Asia-ex 4 Tigers	2.62	5.60
Not Classified	0.00	0.00

Americas	Fund % 56.45	Cat % 60.78	Greater Europe	Fund % 31.17	Cat % 24.90	Market Maturity	Fund %
North America	54.43	59.21	United Kingdom	5.78	4.98	Developed Markets	95.03
Central/Latin	2.02	1.57	W euro-ex UK	24.78	19.72	Emerging Markets	4.97
			Emrgng Europe	0.00	0.02	Not Available	0.00
			Africa	0.61	0.18		

Top 10 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Capital Group Central Cash Fund	6.16	6.16	-	_
	3.90	10.06	-27.94	Technology
⊕ Novo Nordisk A/S Class B	2.39	12.45	29.55	Healthcare
	2.12	14.57	-25.28	Technology
⊖ Tesla Inc	1.54	16.11	-65.03	Consumer Cyclical
⊖ Eli Lilly and Co	1.49	17.60	33.86	Healthcare
⊕ AstraZeneca PLC	1.49	19.09	25.11	Healthcare
	1.46	20.55	17.53	Financial Services
⊕ Nestle SA	1.41	21.96	-14.50	Consumer Defensive
Broadcom Inc	1.30	23.26	-13.43	Technology

Total Holdings 298

 \oplus Increase \ominus Decrease $\ref{eq:Decrease}$ 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
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
Piyada Phanaphat since 01-2020

Quantitative Screens

- Performance: The fund has finished in the Diversified Emerging Mkts category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 23.56 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

 50.43% 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	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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

o rour mon montos			
	Fund	Bmark	Cat
Alpha	3.65	_	0.18
Beta	0.90	_	1.00
R-Squared	82.26	_	88.98
Standard Deviation	20.37	20.55	21.86
Sharpe Ratio	0.11	-0.07	-0.06
Tracking Error	8.83	_	7.01
Information Ratio	0.42	_	-0.06
Up Capture Ratio	102.25	_	102.04
Down Capture Ratio	88.61	_	102.20

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.62	10.62	11.64
Price/Book Ratio	2.75	1.56	1.80
Geom Avg Mkt Cap \$B	52.53	33.24	38.67
ROE	22.44	17.19	18.44

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American Funds New World R6 RNWGX

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

100.00

100.00

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

. ,			
14	31	41	Large
3	5	6	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50



Total

100

		Fund	Bmark	Cat	Fund	▼ Ben	chmark	: [] Ca	ategory	Avera	ge		_	
b	Cyclical	40.45	46.30	45.30										
4	Basic Materials	9.44	8.87	6.83		ď								
P	Consumer Cyclical	12.52	13.30	14.15			ı <u>"</u> []							
ê	Financial Services	16.73	22.17	22.56										
b	Real Estate	1.76	1.96	1.76										
NF	Sensitive	35.96	40.06	40.12								į		
	Communication Services	5.02	10.43	8.52										
•	Energy	5.22	5.05	5.06										
‡	Industrials	10.77	5.87	6.10										
1	Technology	14.95	18.71	20.44				•						
+	Defensive	23.60	13.65	14.57										
Ę	Consumer Defensive	6.85	6.29	7.69										
1	Healthcare	14.54	4.38	5.06										
?	Utilities	2.21	2.98	1.82										

World Regions % Equity 12-31-2022



Greater Asia	Fund % 39.06	Cat % 74.74
Japan	2.68	0.09
Australasia	0.68	0.05
Asia-4 Tigers	7.33	24.78
Asia-ex 4 Tigers	28.37	49.82
Not Classified	0.00	0.00

Americas	Fund % 36.28	Cat % 14.72	Greater Europe	Fund % 24.67	Cat % 10.53	Market Maturity	Fund %
North America	27.26	3.11	United Kingdom	2.75	0.66	Developed Markets	60.61
Central/Latin	9.02	11.61	W euro-ex UK	19.48	1.79	Emerging Markets	39.39
			Emrgng Europe	0.24	1.33	Not Available	0.00
			Africa	2.20	6.75		

Top 10 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	5.06	5.06		_
	2.68	7.74	-27.94	Technology
⊕ Novo Nordisk A/S Class B	2.06	9.79	29.55	Healthcare
Kotak Mahindra Bank Ltd	2.02	11.81	1.73	Financial Services
Reliance Industries Ltd	1.92	13.73	7.86	Energy
Taiwan Semiconductor Manufacturing Co Ltd	1.78	15.51	-25.28	Technology
AIA Group Ltd	1.52	17.04	17.53	Financial Services
Airbus SE	1.43	18.47	0.80	Industrials
○ LVMH Moet Hennessy Louis Vuitton SE	1.38	19.85	-4.83	Consumer Cyclical
⊕ Thermo Fisher Scientific Inc	1.30	21.15	-17.29	Healthcare

Total Holdings 577

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



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 25.52 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 66.23% lower than the Large Blend category average.

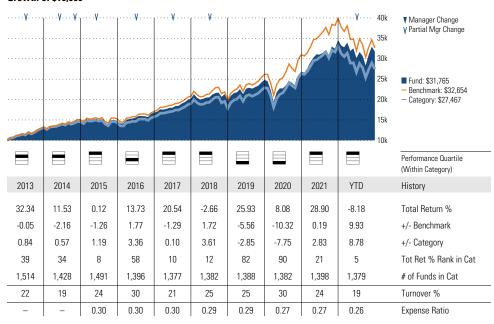
Morningstar Investment Management LLC Analysis

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.

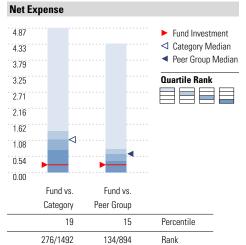
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2022 10 Fund Benchmark 0 Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 12.10 -8.18 8.55 9.41 12.25 13.35 10.61 7.56 -18.11 7.66 9.42 12.56 Benchmark Return % 8 27 -16 96 6 88 11.31 8 26 Category Average % 5 16 22 26 % Rank in Category 1.441 1.379 1.247 1.137 837 # of Funds in Category

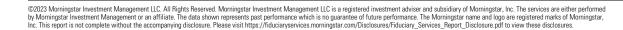


Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.57	_	-0.68
Beta	0.89	_	0.96
R-Squared	93.29	_	95.98
Standard Deviation	19.43	21.16	20.73
Sharpe Ratio	0.47	0.41	0.36
Tracking Error	5.57	_	3.95
Information Ratio	0.16	_	-0.83
Up Capture Ratio	91.66	_	94.55
Down Capture Ratio	86.85	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.65	19.03	18.29
Price/Book Ratio	3.27	3.59	4.14
Geom Avg Mkt Cap \$B	134.77	161.22	211.02
ROE	29.87	31.17	36.63

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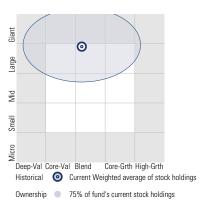


American Funds Washington Mutual R6 RWMGX

Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

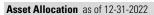
Equity

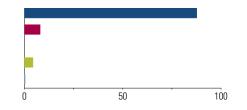
25	44	19	Large
4	7	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.26	1.10
Cash	4.25	0.45
Bonds	0.00	0.84
Non-US Stocks	7.90	2.81
US Stocks	87.59	94.79
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
Դ	Cyclical	26.35	28.72	29.35	
Å.	Basic Materials	2.36	2.46	2.84	
A	Consumer Cyclical	7.24	9.56	9.83	
,	Financial Services	15.41	13.89	14.27	
fi	Real Estate	1.34	2.81	2.41	
W	Sensitive	39.41	44.59	44.38	
0	Communication Services	4.22	7.28	7.09	
ð	Energy	6.17	5.23	4.38	
Ф	Industrials	12.27	9.06	10.44	
	Technology	16.75	23.02	22.47	
—	Defensive	34.24	26.69	26.28	
Ħ	Consumer Defensive	8.21	7.61	7.43	
+	Healthcare	23.19	15.90	16.05	
•	Utilities	2.84	3.18	2.80	
					0% 5 10 15 20 25 30 35 40 4

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Broadcom Inc	5.44	5.44	-13.43	Technology
	4.65	10.10	-27.94	Technology
⊕ Capital Group Central Cash Fund	4.27	14.37	-	_
→ UnitedHealth Group Inc	3.97	18.33	6.86	Healthcare
⊕ Pfizer Inc	2.77	21.10	-10.52	Healthcare
○ Comcast Corp Class A	2.34	23.44	-28.41	Communication Svc
Marsh & McLennan Companies Inc	2.33	25.78	-3.50	Financial Services
⇒ CVS Health Corp	2.02	27.79	-7.53	Healthcare
→ Northrop Grumman Corp	1.97	29.76	42.71	Industrials
The Home Depot Inc	1.92	31.68	-22.06	Consumer Cyclical
⊕ JPMorgan Chase & Co	1.75	33.43	-12.79	Financial Services
⊕ Eli Lilly and Co	1.69	35.12	33.86	Healthcare
∋ Johnson & Johnson	1.68	36.80	5.86	Healthcare
AbbVie Inc	1.58	38.38	23.80	Healthcare
⊕ Archer-Daniels Midland Co	1.55	39.93	39.74	Consumer Defensive

Total Holdings 186

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



DFA US Core Equity 1 I DFEOX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 10.85 years.

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

Net Expense: The fund's expense ratio of 0.14 is 81.82% lower than the Large Blend category average.

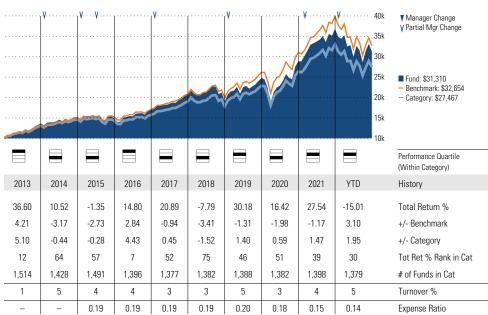
Morningstar Investment Management LLC Analysis

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

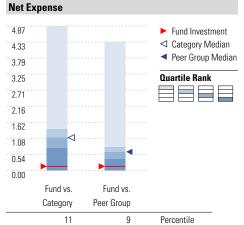
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

Growth of \$10,000



Trailing Performance





	165/1492	80/894	Rank	
Peer g	roup is a subset of the	e category a	nd includes fund	ds with the
same r	management style (ac	tive vs. pas	sive) and similar	share class
charac	torietice			

Rank

3- Fedi hisk Wellics			
	Fund	Bmark	Cat
Alpha	0.25	-	-0.68
Beta	1.04	-	0.96
R-Squared	97.54	-	95.98
Standard Deviation	22.28	21.16	20.73
Sharpe Ratio	0.42	0.41	0.36
Tracking Error	3.60	-	3.95
Information Ratio	0.11	-	-0.83
Up Capture Ratio	102.20	-	94.55
Down Capture Ratio	101.32	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.97	19.03	18.29
Price/Book Ratio	2.90	3.59	4.14
Geom Avg Mkt Cap \$B	57.32	161.22	211.02
ROE	29.33	31.17	36.63



165/1492

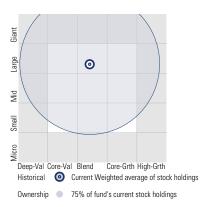
DFA US Core Equity 1 I DFEOX

Morningstar Category Large Blend S&P 500 TR USD

Morningstar Index

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

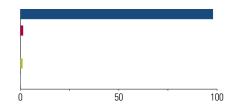
13	22	24	Large
8	12	5	Mid
6	7	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.01	1.10
Cash	0.93	0.45
Bonds	0.00	0.84
Non-US Stocks	1.22	2.81
US Stocks	97.84	94.79
Asset Class	Net %	Cat%

Se	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
ŀ	Cyclical	31.11	28.72	29.35	
ů.	Basic Materials	3.96	2.46	2.84	
4	Consumer Cyclical	10.89	9.56	9.83	
,	Financial Services	15.99	13.89	14.27	
ŧ	Real Estate	0.27	2.81	2.41	
M	Sensitive	45.45	44.59	44.38	Ú
d	Communication Services	6.45	7.28	7.09	
	Energy	6.59	5.23	4.38	
¢	Industrials	12.95	9.06	10.44	
	Technology	19.46	23.02	22.47	
→	Defensive	23.44	26.69	26.28	
Ę	Consumer Defensive	7.27	7.61	7.43	
ř	Healthcare	13.36	15.90	16.05	
?	Utilities	2.81	3.18	2.80	

Top 0 Holdings as of 12-31-2022 YTD Return % Name % Net Asset Cumulative % Morningstar Sector

Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio

Eaton Vance Income Fund of Boston R6 EIBRX

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 8 of the 8 years it's been in existence.

Management: The fund's management has been in place for 8.16 years.

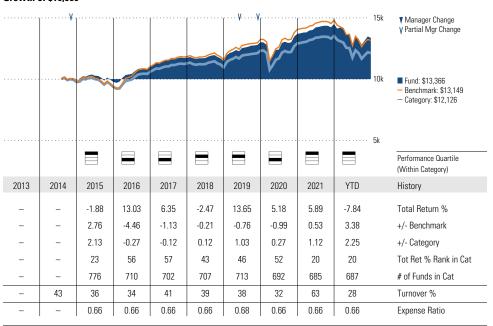
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.66 is 25.84% lower than the High Yield Bond category average.

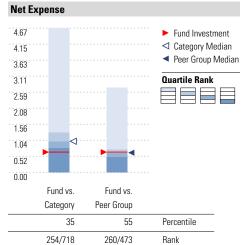
Morningstar Investment Management LLC Analysis

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







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.03	_	-0.09
Beta	0.91	_	0.94
R-Squared	98.65	_	94.99
Standard Deviation	10.30	11.25	10.89
Sharpe Ratio	0.05	-0.04	-0.04
Tracking Error	1.58	_	2.51
Information Ratio	0.70	_	-0.11
Up Capture Ratio	93.76	_	92.06
Down Capture Ratio	85.62	-	93.01

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.16	-	3.39
Avg Eff Maturity	5.48	-	4.98



Duration

Eaton Vance Income Fund of Boston R6 EIBRX

Morningstar CategoryMorningstar IndexHigh Yield BondICE BofA US High Yield TR USD

Style Analysis as of 12-31-2022								
Style Breakd	lown							
Fixed Income		Quality						
		High						
		Mid						
		Low						
Itd Mod	Fxt	J						

0	<u>.</u> 50	100

Asset Allocation as of 12-31-2022

Total	100.00	100.00
Other	1.61	3.83
Cash	2.85	1.76
Bonds	94.14	93.67
Non-US Stocks	0.34	0.01
US Stocks	1.06	0.73
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	0.00	_	2.58
AA	0.00	_	0.16
A	0.00	_	0.28
BBB	5.76	_	5.54
BB	43.04	_	38.26
В	37.37	_	37.21
Below B	10.65	_	12.21
Not Rated	3.19	-	3.75

			_			По			
	Fund	Bmark	Cat	Fund	▼ Benchmark	[] Categ	ory Averag	Э	
Government	0.00	-	2.13	[]					
Treasury	0.00	-	0.74	[]					
Inflation – Protected	0.00	_	0.00						
Agency/Quasi Agency	0.00	_	0.10						
Other Government Related	0.00	_	1.29	10					
Corporate	97.09	-	90.06						
Corporate Bond	92.27	_	83.01						
Bank Loan	3.68	_	6.41						
Convertible	0.32	_	0.52						
Preferred	0.82	_	0.12	D					
Securitized	0.00	-	1.25	[]					
Agency MBS Pass-Through	0.00	_	0.03						
Agency MBS ARM	0.00	_	0.00						
Agency MBS CMO	0.00	_	0.04						
Non-Agency Residential MBS	0.00	-	0.05						
Commercial MBS	0.00	_	0.09						
Asset-Backed	0.00	_	1.04						
Covered Bond	0.00	_	0.00						
Municipal	0.00	-	0.03						
Cash & Equivalents	2.91	_	4.79						
Other	0.00	_	1.73	10					

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

Top 0 Holdings as of 12-31-2022

Name Maturity Date % Net Asset Cumulative % Fixed Income Sector

Total Holdings 0

⊕ Increase ⊖ Decrease 🛪 New to Portfolio



Invesco Equity and Income R6 IEIFX

Morningstar Category Allocation--70% to 85% Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR

Equity

Portfolio Manager(s)

Sergio Marcheli since 04-2003 Charles Burge since 02-2010 Brian Jurkash since 12-2015 Matthew Titus since 01-2016

Quantitative Screens

Performance: The fund has finished in the Allocation--70% to 85% Equity 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 19.68 years.

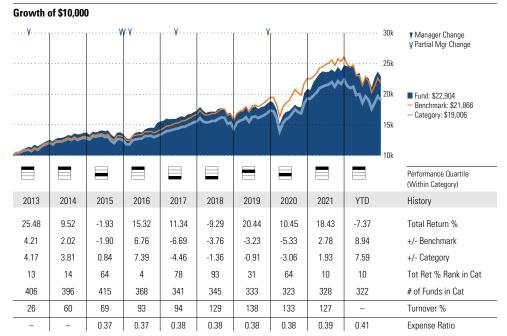
Net Expense: The fund's expense ratio of 0.42 is 58% lower than the Allocation--70% to 85% Equity category average.

Morningstar Investment Management LLC Analysis

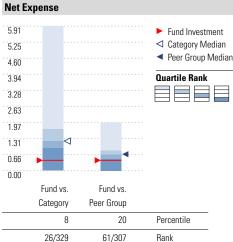
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

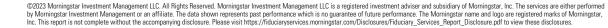






	Fund	Bmark	Cat
Alpha	2.88	_	-0.36
Beta	0.96	_	1.00
R-Squared	88.03	_	95.37
Standard Deviation	17.09	16.69	17.17
Sharpe Ratio	0.41	0.26	0.23
Tracking Error	5.95	_	3.53
Information Ratio	0.46	_	-0.19
Up Capture Ratio	98.59	_	99.82
Down Capture Ratio	86.54	_	101.74

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.57	15.67	15.37
Price/Book Ratio	2.16	2.45	2.44
Avg Eff Duration	5.41	6.45	5.64
	2.10	2.10	

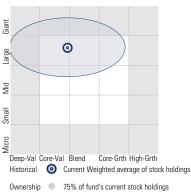


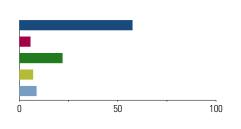


Invesco Equity and Income R6 IEIFX

Morningstar Category Allocation--70% to 85%
Morningstar Index
Morningstar US Mod Agg Tgt Alloc NR
USD

Style Analysis as of 12-31-2022 Morningstar Style Box™





Asset Allocation as of 12-31-2022

Total	100.00	100.00
Other	8.57	6.03
Cash	6.80	5.13
Bonds	21.78	14.51
Non-US Stocks	5.47	17.64
US Stocks	57.39	56.68
Asset Class	Net %	Cat%

Style Breakdown Equity Fixed Income							Quality
31	37	20	Large				High
3	7	2	Mid				Mid
0	0	0	Small				Low
Value	Blend	Growth		Ltd Duration	Mod	Ext	_

	Fund	Bmark	Cat	Fund	▼ Benc	hmark	Cate	gory Ave	erage	
• Cyclical	35.21	33.76	34.81							
Basic Materials	1.92	4.44	4.81							
Consumer Cyclical	8.21	10.21	10.40							
Financial Services	22.66	15.71	16.02		•					
Real Estate	2.42	3.40	3.58							
Sensitive	38.78	41.75	41.73							
Communication Services	6.37	6.38	7.40		= []					
Energy	11.81	5.39	5.41							
Industrials	10.18	11.11	11.10							
Technology	10.42	18.87	17.82							
▶ Defensive	26.00	24.47	23.45							
Consumer Defensive	5.04	7.54	6.77		[
Healthcare	19.44	13.79	13.64							
Utilities	1.52	3.14	3.04							

Top 0 Holdings as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

Total Holdings 0

>50 25-50 10-25 0-10

igoplus Increase igoplus Decrease igoplus New to Portfolio

Invesco Oppenheimer International Gr R6 OIGIX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 26.79 years.

Net Expense: The fund's expense ratio of 0.7 is 33.33% lower than the Foreign Large Growth category average.

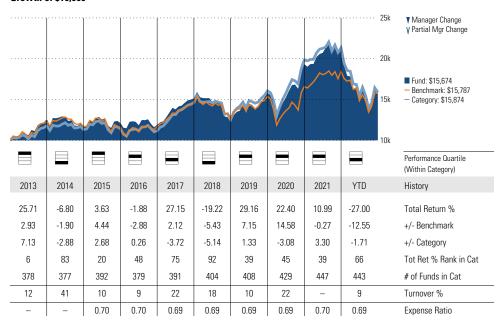
Morningstar Investment Management LLC Analysis

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

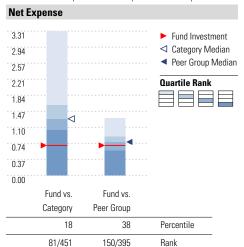
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

Growth of \$10,000



Trailing Performance Total Return % 20% as of 12-31-2022 10 ■ Fund Benchmark Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 14.36 -27.00-0.28 0.68 4.60 5.07 17.34 -14.45 0.87 1.54 4.67 8.22 Benchmark Return % 13.77 0.04 -25 29 2 11 5 26 Category Average % 47 60 74 66 % Rank in Category 451 399 346 230 # of Funds in Category



3-Year KISK Welfics			
	Fund	Bmark	Cat
Alpha	-0.72	_	-0.67
Beta	1.05	_	0.98
R-Squared	86.67	-	83.89
Standard Deviation	22.86	20.25	21.69
Sharpe Ratio	0.06	0.10	0.06
Tracking Error	8.41	-	8.76
Information Ratio	-0.14	-	-0.10
Up Capture Ratio	108.51	-	99.00
Down Capture Ratio	112.47	-	102.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.26	12.65	19.09
Price/Book Ratio	4.63	1.56	2.99
Geom Avg Mkt Cap \$B	37.31	43.46	48.56
ROE	27.80	19.18	22.43



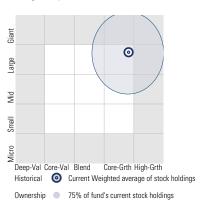
Invesco Oppenheimer International Gr R6 OIGIX

Morningstar CategoryForeign Large Growth

Morningstar Index MSCI EAFE NR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

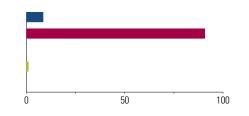
1. 7			
2	13	56	Large
0	9	20	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

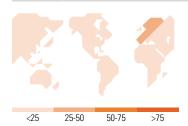
Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	0.57
Cash	0.90	2.55
Bonds	0.00	0.00
Non-US Stocks	90.70	89.95
US Stocks	8.40	6.95
Asset Class	Net %	Cat%

3 ec	ctor Weighting as of 12-3	31-2022						_					
		Fund	Bmark	Cat	Fund	•	Benchm	ark [] C	ategory	Average			
Դ	Cyclical	33.65	39.68	34.80			,						
A	Basic Materials	3.16	7.81	6.34									
A	Consumer Cyclical	23.87	10.37	12.95			•		•				
F	Financial Services	6.62	18.69	14.78					•				
ŵ	Real Estate	0.00	2.81	0.73	[1							
W	Sensitive	37.63	32.96	39.26								1	
d	Communication Services	4.77	4.93	4.06									
•	Energy	3.81	5.06	4.02									
₽	Industrials	17.37	14.88	15.97		- :							
	Technology	11.68	8.09	15.21			Y						
→	Defensive	28.72	27.36	25.95									
Ħ	Consumer Defensive	10.16	10.37	9.63									
+	Healthcare	18.56	13.71	15.46									
•	Utilities	0.00	3.28	0.86		•							
					0%	5	10	15	20	25	30	35	40

World Regions % Equity 12-31-2022



Greater Asia	Fund % 18.08	Cat % 27.34	
Japan	9.31	11.60	
Australasia	2.52	1.96	
Asia-4 Tigers	0.59	6.01	
Asia-ex 4 Tigers	5.66	7.77	
Not Classified	0.00	0.00	

6 4	Americas	Fund % 14.64	Cat % 14.74	Greater Europe	Fund % 67.29	Cat % 57.92	Market Maturity	Fund %
0	North America	14.64	12.78	United Kingdom	21.11	12.49	Developed Markets	94.34
6	Central/Latin	0.00	1.96	W euro-ex UK	46.18	44.80	Emerging Markets	5.66
1				Emrgng Europe	0.00	0.02	Not Available	0.00
7				Africa	0.00	0.61		

YTD Return %

Morningstar Sector

Cumulative %

% Net Asset

Top 0 Holdings as of 12-31-2022

Name

Total Holdings 0

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



Invesco Real Estate R6 | IARFX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

Portfolio Manager(s)

Ping-Ying Wang since 01-2006
Darin Turner since 12-2009
James Cowen since 06-2015
Grant Jackson since 06-2018
Charles (Chip) McKinley since 01-2022

Quantitative Screens

- Performance: The fund has finished in the Real Estate 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 17.01 years.
- \times Style: The fund has landed in its primary style box Mid-Cap Blend 54.55 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.78 is 24.27% lower than the Real Estate category average.

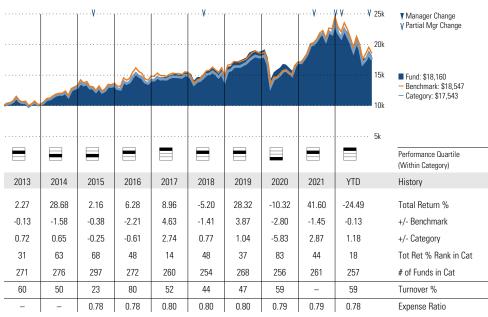
Morningstar Investment Management LLC Analysis

Although this fund fails the style screen, it continues to hold real estate securities and we do not regard the failure as significant.

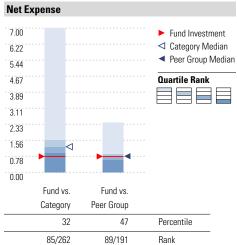
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022

Growth of \$10,000

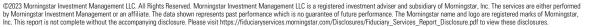






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.54	_	-0.42
Beta	0.92	_	0.94
R-Squared	96.31	_	93.47
Standard Deviation	22.14	23.61	22.85
Sharpe Ratio	0.01	0.08	0.07
Tracking Error	4.65	_	5.57
Information Ratio	-0.30	_	-0.09
Up Capture Ratio	90.23	_	94.53
Down Capture Ratio	94.93	_	96.18

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	31.91	38.46	23.21
Price/Book Ratio	2.22	2.42	2.12
Geom Avg Mkt Cap \$B	23.23	9.35	24.92
ROE	12.27	9.56	17.43





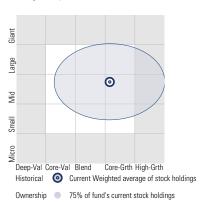
Invesco Real Estate R6 | IARFX

Morningstar Category Morningstar Index Real Estate

S&P United States REIT TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

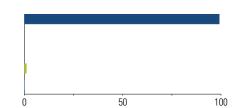
Equity

0	8	23	raige
7	40	14	N
0	5	2	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2022

Total	100.00	100.00
Other	0.02	11.73
Cash	0.92	0.79
Bonds	0.00	3.52
Non-US Stocks	0.00	1.58
US Stocks	99.06	82.38
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	Benchmark	Category Average
b	Cyclical	100.00	99.13	99.22			
ì.	Basic Materials	0.00	0.00	0.10	ĺ		
•	Consumer Cyclical	0.22	0.13	0.91	Ö		
<u></u>	Financial Services	0.00	0.00	0.22	Ď		
à	Real Estate	99.78	99.00	97.99			
ŲT.	Sensitive	0.00	0.87	0.74	0 : :		
	Communication Services	0.00	0.00	0.20	Ď		
)	Energy	0.00	0.00	0.04	Ó		
}	Industrials	0.00	0.87	0.30	ď		
1	Technology	0.00	0.00	0.20			
+	Defensive	0.00	0.00	0.05	ĺ		
7	Consumer Defensive	0.00	0.00	0.00	Í		
ì	Healthcare	0.00	0.00	0.00			
1	Utilities	0.00	0.00	0.05	ľ		

Top 0 Holdings as of 12-31-2022

Name % Net Asset Cumulative % YTD Return % Morningstar Sector

Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio



MFS Growth R6 MFEKX

Portfolio Manager(s)

Eric Fischman since 04-2002 Paul Gordon since 07-2017 Bradford Mak since 06-2021

Quantitative Screens

- Performance: The fund has finished in the Large Growth category's top three quartiles in 10 of the 10 years it's been in existence
- Management: The fund's management has been in place for 20.76 years.
- Net Expense: The fund's expense ratio of 0.49 is 48.96% 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

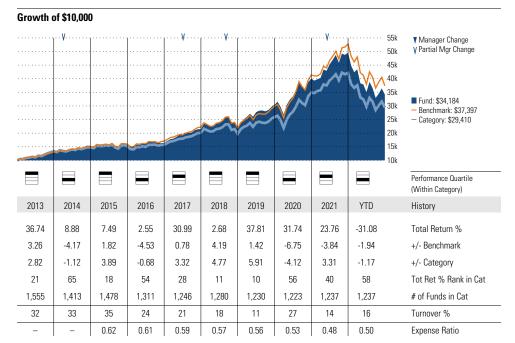
Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

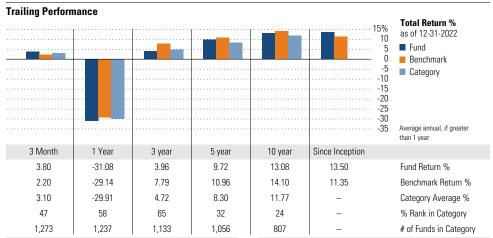
Morningstar Category

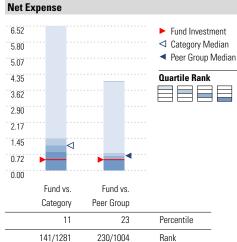
Large Growth

Morningstar Index

Russell 1000 Growth TR USD

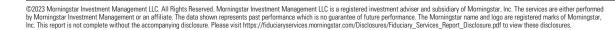






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-3.21	_	-2.73
Beta	0.93	_	0.97
R-Squared	97.94	_	93.03
Standard Deviation	22.34	23.80	24.00
Sharpe Ratio	0.24	0.39	0.27
Tracking Error	3.62	_	6.26
Information Ratio	-1.06	_	-0.62
Up Capture Ratio	88.74	_	89.56
Down Capture Ratio	98.04	_	97.48

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	28.82	24.23	23.83
Price/Book Ratio	6.45	8.23	6.53
Geom Avg Mkt Cap \$B	201.36	222.04	263.75
ROE	33.67	41.41	37.70

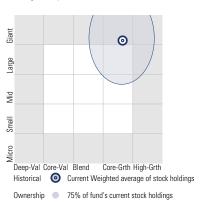




MFS Growth R6 MFEKX

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

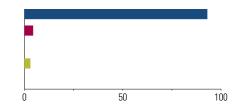
71	6	0
16	7	0
0	0	0

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Total	100 00	100 00
Other	0.00	0.80
Cash	2.83	1.70
Bonds	0.00	0.02
Non-US Stocks	4.27	4.43
US Stocks	92.90	93.06
Asset Class	Net %	Cat%

Morningstar Index

Russell 1000 Growth TR USD

Morningstar Category

Large Growth

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
Դ	Cyclical	31.86	23.90	28.54	
A	Basic Materials	5.60	1.27	1.48	
A	Consumer Cyclical	9.50	13.83	15.14	
P	Financial Services	14.25	7.14	10.27	
侖	Real Estate	2.51	1.66	1.65	
W	Sensitive	47.54	55.91	50.56	
d	Communication Services	8.55	6.69	8.92	
•	Energy	1.41	1.71	2.20	
Ф	Industrials	7.00	8.50	6.49	
	Technology	30.58	39.01	32.95	
→	Defensive	20.60	20.18	20.90	
Ħ	Consumer Defensive	3.19	6.72	4.26	
+	Healthcare	17.41	13.40	16.09	
•	Utilities	0.00	0.06	0.55	
					0% 5 10 15 20 25 30 35 40 45 50 55 60

Top 0 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector

Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio

Neuberger Berman Mid Cap Growth R6 NRMGX

Morningstar Category

Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Chad Bruso since 01-2020
Trevor Moreno since 01-2020
Jennifer Blachford since 12-2021

Quantitative Screens

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

Management: The fund's management has been in place for 19.93 years.

Net Expense: The fund's expense ratio of 0.59 is 42.16% lower than the Mid-Cap Growth category average.

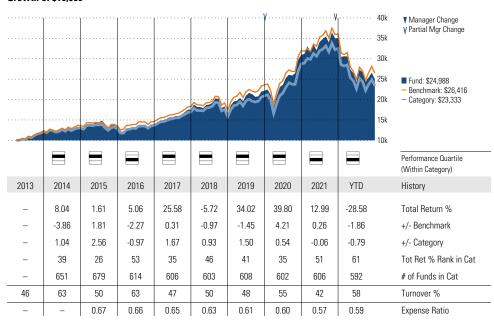
Morningstar Investment Management LLC Analysis

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.

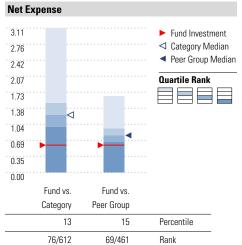
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

Growth of \$10,000



Trailing Performance Total Return % 15% as of 12-31-2022 10 ■ Fund 5 Benchmark 0 Category -10 -15 -20 -25 -30 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 2.64 -28.58 4.10 7.35 9.84 11.41 6.90 -26.72 3.85 7.64 10.55 Benchmark Return % 5.07 -27 79 7.09 10.67 4 14 Category Average % 77 61 50 46 % Rank in Category 595 592 540 505 # of Funds in Category



3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.39	_	0.30
Beta	0.96	_	0.98
R-Squared	96.36	_	91.63
Standard Deviation	24.33	24.87	25.73
Sharpe Ratio	0.25	0.24	0.24
Tracking Error	4.74	_	7.31
Information Ratio	0.05	_	-0.10
Up Capture Ratio	98.50	_	99.65
Down Capture Ratio	97.67	_	99.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.02	22.87	25.56
Price/Book Ratio	4.77	5.66	4.02
Geom Avg Mkt Cap \$B	19.47	19.63	16.01
ROE	20.19	28.34	19.80



Neuberger Berman Mid Cap Growth R6 NRMGX

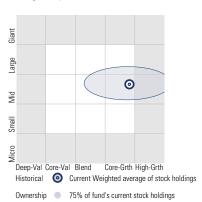
Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

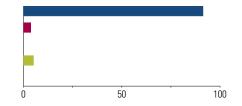
-quit,			
0	5	18	Large
2	25	45	MIG
2	1	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	0.44
Cash	5.03	2.48
Bonds	0.00	0.09
Non-US Stocks	3.66	3.72
US Stocks	91.31	93.28
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		▼ Be	nchma	rk [Cate	gory A	verage		
Ն	Cyclical	26.20	27.21	28.68										
A	Basic Materials	1.61	2.81	2.25										
Д	Consumer Cyclical	17.36	16.33	13.13										
ê	Financial Services	5.30	5.91	9.97										
t	Real Estate	1.93	2.16	3.33	[
M	Sensitive	52.95	52.02	47.54										
₫	Communication Services	0.00	3.33	2.83		1								
ð	Energy	4.99	5.11	3.28										
Ģ	Industrials	15.89	16.44	15.10										
	Technology	32.07	27.14	26.33										
→	Defensive	20.84	20.77	23.76										
-	Consumer Defensive	3.46	3.30	2.88										
٠	Healthcare	17.38	17.13	20.17										
•	Utilities	0.00	0.34	0.71	i									

Total Holdings 0

⊕ Increase ⊕ Decrease ☼ New to Portfolio



PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 4.17 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.76 is 27.62% lower than the Commodities Broad Basket category average.

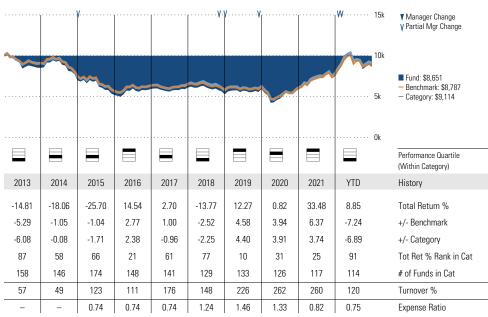
Morningstar Investment Management LLC Analysis

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.

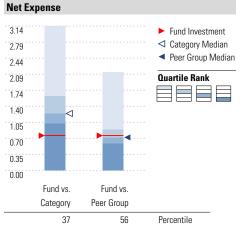
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	12-31-2022

Growth of \$10,000







40/72 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- Fear nisk Wietrics			
	Fund	Bmark	Cat
Alpha	-0.73	_	0.33
Beta	1.17	_	1.03
R-Squared	95.84	_	85.73
Standard Deviation	22.31	18.64	21.05
Sharpe Ratio	0.65	0.69	0.67
Tracking Error	5.57	_	7.78
Information Ratio	0.17	_	0.09
Up Capture Ratio	113.44	_	102.74
Down Capture Ratio	116.12	_	103.18

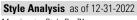
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	7.93
Price/Book Ratio	1.51	_	1.87
Geom Avg Mkt Cap \$B	20.09	_	44.07
ROE	16.78	-	27.17



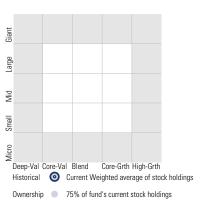
44/118

PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Morningstar Index Commodities Broad Basket Bloomberg Commodity TR USD



Morningstar Style Box™



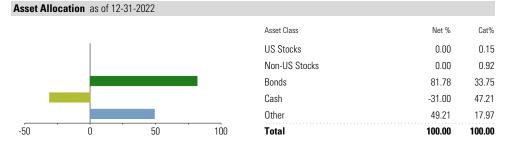


Equity



Value Blend Growth

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



		Fund	Bmark	Cat	Fund	▼ Bei	nchmark	Cate	gory Av	/erage		
Ն	Cyclical	-	-	44.68								
÷.	Basic Materials	_	_	44.68								
A	Consumer Cyclical	_	_	0.00								
,	Financial Services	_	_	0.00	0							
æ	Real Estate	_	_	0.00								
W	Sensitive	-	-	51.07								
	Communication Services	_	_	0.00	ĺ							
ð	Energy	_	_	48.94								
Ф	Industrials	_	_	2.13								
	Technology	_	_	0.00	İ							
—	Defensive	-	-	4.26								
=	Consumer Defensive	_	_	4.26								
٠	Healthcare	_	_	0.00	ĺ							
•	Utilities	_	_	0.00	ĺ							

Top 15 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ 5 Year Treasury Note Future Mar 23	24.31	24.31	_	_
	18.13	42.44	_	_
☆ Cash Offset	16.46	58.90	_	_
─ Euro Schatz Future Mar 23	13.61	72.51	_	_
─ United States Treasury Notes 0.125%	12.16	84.67	_	_
— 10 Year Treasury Note Future Mar 23	12.01	96.68	_	_
⊕ 3 Month Euribor TAS Future Mar 23	9.75	106.43	_	_
─ United States Treasury Notes 0.625%	9.70	116.12	_	_
─ U S TIPS REV REPO	9.31	125.43	_	_
⊕ U S TIPS REV REPO	8.88	134.31	_	_
⊕ TRS R 4.19/91282CDC2 MYC	7.79	142.10	_	_
⊕ Pimco Cayman Cmdty Fd Ltd Instl	7.24	149.34	_	_
⊕ United States Treasury Notes 0.125%	7.20	156.55	_	_
⊕ United States Treasury Notes 0.125%	6.28	162.82	_	_
US Treasury Bond Future Mar 23	5.85	168.67	_	_

Total Holdings 874

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



PIMCO Income Instl PIMIX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 15.77 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is 47.96% lower than the Multisector Bond category average.

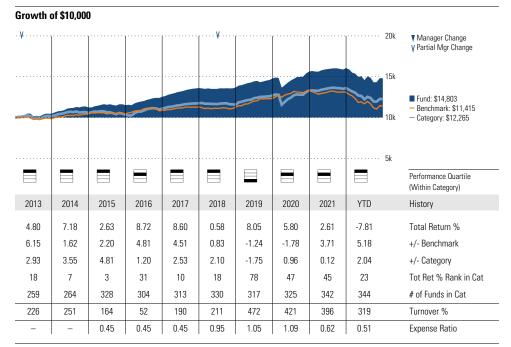
Morningstar Investment Management LLC Analysis

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
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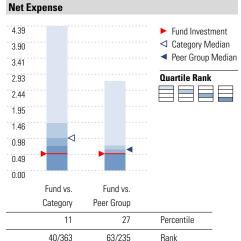
Morningstar Category Multisector Bond

Morningstar Index

Bloomberg US Universal TR USD







3-Year RISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.50	-	1.72
Beta	0.92	-	0.99
R-Squared	56.11	-	48.49
Standard Deviation	7.35	5.98	9.02
Sharpe Ratio	-0.08	-0.54	-0.16
Tracking Error	4.89	-	6.72
Information Ratio	0.52	-	0.28
Up Capture Ratio	104.42	-	109.62
Down Capture Ratio	75.32	-	91.61

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.83	4.55	4.04
Avg Eff Maturity	5.90	7.69	7.62



PIMCO Income Insti PIMIX

Style Analysis as of 12-31-2022 Style Breakdown Fixed Income Quality High Mid MOT Mod Ext Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	48.99	67.64	21.99
AA	4.79	3.23	3.50
A	4.16	10.03	8.36
BBB	14.85	10.89	22.10
BB	14.13	3.19	18.54
В	4.43	3.64	12.52
Below B	8.66	1.38	4.17
Not Rated	0.00	0.00	8.81

Morningstar Category Multisector Bond Bloomberg US Universal TR USD Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 1.15 1.19 Non-US Stocks 0.36 0.12 Bonds 129.67 92.17 Cash -31.68 5.44 Other 0.52 1.07 -50 Ó 50 100 150 Total 100.00 100.00

Morningstar Index

Sector Weighting as of 12-3	31-2022											
	Fund	Bmark	Cat	Fund	•	Benchmark	Categ	jory Averaç	je			
Government	27.36	_	23.80									
Treasury	3.37	_	8.85									
Inflation – Protected	1.48	-	0.44	()								
Agency/Quasi Agency	0.18	_	0.82	1[]								
Other Government Related	22.33	_	13.69									
Corporate	5.98	_	40.90								į []	
Corporate Bond	4.47	_	36.75									
Bank Loan	1.18	_	2.65									
Convertible	0.04	_	0.83	[]								
Preferred	0.29	_	0.67	1								
Securitized	14.33	_	20.80									
Agency MBS Pass-Through	2.28	_	4.65									
Agency MBS ARM	0.00	_	0.01									
Agency MBS CMO	0.25	_	0.31									
Non-Agency Residential MBS	3.61	_	0.88		H							
Commercial MBS	0.02	_	2.33									
Asset-Backed	8.17	_	12.61									
Covered Bond	0.00	_	0.01									
Municipal	0.03	_	0.36									
Cash & Equivalents	29.48	_	10.50			0						
Other	22.36	-	3.53									
				0%	5	10 15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Offset: Unsettled Trades	-	29.18	29.18	_
☆ Cash Offset	_	15.55	44.73	_
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Pay	11-2023	14.02	58.75	_
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Receive	11-2023	13.58	72.32	_
→ 10 Year Treasury Note Future Mar 23	03-2023	9.32	81.64	-
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Pay	03-2029	9.16	90.80	_
	12-2024	9.14	99.94	_
□ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	9.12	109.07	_
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Receive	03-2029	9.04	118.10	_
☐ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	8.45	126.55	_

Total Holdings 7956

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index

Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

Andrew Balls since 09-2014 Lorenzo Pagani since 09-2014 Sachin Gupta since 09-2014

Quantitative Screens

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

Management: The fund's management has been in place for 8.27 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.51 is
 31.08% lower than the Global Bond-USD Hedged category average.

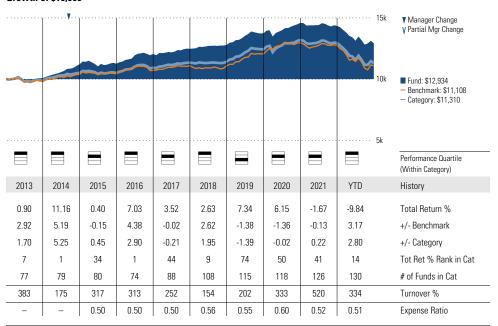
Morningstar Investment Management LLC Analysis

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Management's quantitative screens. Morningstar
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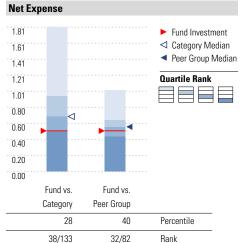
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.27	_	-0.56
Beta	0.63	_	0.91
R-Squared	58.03	_	66.59
Standard Deviation	4.88	5.85	6.52
Sharpe Ratio	-0.56	-0.58	-0.59
Tracking Error	3.82	_	4.06
Information Ratio	0.19	_	-0.06
Up Capture Ratio	69.91	_	100.72
Down Capture Ratio	71.23	_	104.53

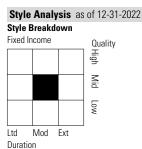
Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	6.94
Avg Eff Maturity	7.22	-	8.12

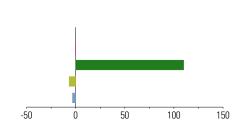


PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category
Global Bond-USD Hedged

Morningstar Index Bloomberg US Agg Bond TR USD





Asset Allocation as of 12-31-2022

Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.01	0.02
Bonds	109.83	88.81
Cash	-6.61	10.97
Other	-3.24	0.19
Total	100.00	100.00

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	56.80	3.53	41.60
AA	13.68	74.59	18.48
A	16.98	10.82	17.45
BBB	7.77	8.32	20.42
BB	1.88	0.28	5.05
В	0.65	0.00	1.34
Below B	2.24	0.00	0.54
Not Rated	0.00	2.46	-4.87

Sector Weighting as of 12-			_			_		По						
	Fund	Bmark	Cat	Fund		▼ Ben	chmark	: [] C	ategory	Avera	ge			
Government	40.62	-	46.89											
Treasury	5.10	-	37.06											
Inflation – Protected	0.41	_	1.11	1[
Agency/Quasi Agency	1.49	_	4.02											
Other Government Related	33.62	_	4.70											
Corporate	3.60	-	11.17											
Corporate Bond	2.60	_	11.06											
Bank Loan	0.06	_	0.11											
Convertible	0.76	_	0.00	(iii										
Preferred	0.18	_	0.00	ĺ										
Securitized	8.07	-	3.99											
Agency MBS Pass-Through	2.80	_	1.71											
Agency MBS ARM	0.00	_	0.00	ĺ										
Agency MBS CMO	0.02	_	0.03											
Non-Agency Residential MBS	1.24	_	0.32	()										
Commercial MBS	0.25	_	0.23											
Asset-Backed	2.96	_	1.35											
Covered Bond	0.80	_	0.35	0										
Municipal	0.03	-	0.08											
Cash & Equivalents	31.75	-	23.52											
Other	15.04	-	14.33											
				0%	5	10	15	20	25	30	35	40	45	50

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⇒ 3 Month SOFR Future Dec 23	03-2024	23.07	23.07	_
⊕ IRS EUR 1.50000 03/15/23-5Y LCH Pay	03-2028	21.27	44.34	_
€ IRS EUR 1.50000 03/15/23-5Y LCH Receive	03-2028	19.56	63.90	_
€ Euro Schatz Future Mar 23	03-2023	15.07	78.96	_
⊕ 3 Month SOFR Future June 23	09-2023	13.57	92.54	-
3 Month SOFR Future June 24	09-2024	11.63	104.16	_
⊕ IRS EUR 1.75000 03/15/23-10Y LCH Pay	03-2033	10.93	115.09	_
→ RFR USD SOFR/1.75000 06/15/22-5Y LCH Pay	06-2027	10.68	125.77	_
Euro Bobl Future Mar 23	03-2023	9.90	135.67	_
RFR USD SOFR/1.75000 06/15/22-5Y LCH Receive	06-2027	9.79	145.46	_

Total Holdings 1646

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



PIMCO Real Return Instl PRRIX

Growth of \$10,000

-1.20

61

245

41

1.62

12

230

33

-0.39

75

241

117

0.45

0.45

25

238

102

0.45

1.20

11

234

168

0.45

-0.33

68

232

165

0.88

Morningstar Category
Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

+/- Category

Turnover %

Expense Ratio

Tot Ret % Rank in Cat

of Funds in Cat

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 3.98 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.47 is 18.97% lower than the Inflation-Protected Bond category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

▼ Manager Change V Partial Mgr Change ■ Fund: \$11,089 - Benchmark: \$11,173 - Category: \$10,960 Performance Quartile (Within Category) 2013 2014 2015 2016 2017 2018 2019 2020 2021 YTD History -9.05 3.42 -2.75 5.04 3.92 -1.97 8.52 12.09 5.67 -11.86 Total Return % -0.22 0.91 -0.71 0.09 -0.01 -0.44 -1.31 0.36 1.10 -0.29 +/- Benchmark

0.60

21

231

254

0.98

2.08

13

216

314

0.53

0.06

34

218

225

0.47

-2.88

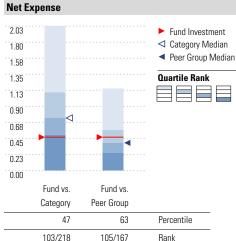
53

217

104

0.47





3- Teal hisk Wellics			
	Fund	Bmark	Cat
Alpha	0.20	_	0.15
Beta	1.04	_	0.92
R-Squared	98.62	_	88.43
Standard Deviation	7.33	7.01	6.90
Sharpe Ratio	0.11	0.08	0.11
Tracking Error	0.90	_	2.51
Information Ratio	0.26	_	-0.22
Up Capture Ratio	104.99	_	92.15
Down Capture Ratio	102.96	_	90.88

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.52	4.52	5.55
Avg Eff Maturity	5.81	_	6.37





PIMCO Real Return Instl PRRIX

Style Analysis as of 12-31-2022

-50

50

100



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	90.65	0.00	88.32
AA	5.57	99.60	3.60
A	0.79	0.00	1.66
BBB	0.66	0.00	2.25
BB	0.36	0.00	0.50
В	0.73	0.00	0.15
Below B	1.24	0.00	0.14
Not Rated	0.00	0.40	3.38

Morningstar Index Bloomberg US Treasury US TIPS TR USD Asset Allocation as of 12-31-2022 Asset Class Net % Cat% US Stocks 0.00 0.12 Non-US Stocks 0.00 0.00 Bonds 102.99 97.04 Cash -23.03 2.15 Other 20.04 0.70

Total

150

Morningstar Category

Inflation-Protected Bond

4 0000					
31-2022					_
Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
77.28	-	89.94			
0.14	_	0.39			
51.31	_	84.49			
0.00	_	0.09	0		
25.83	-	4.97			
0.55	_	2.44	10		
0.27	_	2.29	10		
0.00	-	0.15			
0.00	_	0.00	j i		
0.28	_	0.00	Ò		
6.59	-	3.50			
0.19	-	0.43			
0.01	-	0.00			
0.09	-	0.10			
0.09	_	0.14			
0.00	_	0.39			
4.35	_	2.29			
1.86	_	0.15	ĵu i		
0.00	_	0.02			
3.75	-	3.04			
11.65	_	1.07	Ú		
	77.28 0.14 51.31 0.00 25.83 0.55 0.27 0.00 0.00 0.28 6.59 0.19 0.01 0.09 0.09 0.00 4.35 1.86 0.00	Fund Bmark 77.28 — 0.14 — 51.31 — 0.00 — 25.83 — 0.55 — 0.27 — 0.00 — 0.00 — 0.28 — 0.19 — 0.01 — 0.09 — 0.09 — 0.00 — 4.35 — 1.86 — 0.00 — 3.75 —	Fund Bmark Cat 77.28 — 89.94 0.14 — 0.39 51.31 — 84.49 0.00 — 0.09 25.83 — 4.97 0.55 — 2.44 0.27 — 2.29 0.00 — 0.15 0.00 — 0.00 0.28 — 0.00 0.28 — 0.00 0.59 — 3.50 0.19 — 0.43 0.01 — 0.00 0.09 — 0.10 0.09 — 0.14 0.00 — 0.39 4.35 — 2.29 1.86 — 0.15 0.00 — 0.02 3.75 — 3.04	Fund Bmark Cat Fund 77.28 — 89.94 — 0.14 — 0.39] 51.31 — 84.49 — 0.00 — 0.09] 25.83 — 4.97 — 0.55 — 2.44 1 [] 0.27 — 2.29 1 [] 0.00 — 0.15] 0.00 — 0.00] 0.28 — 0.00] 0.59 — 3.50 — 0.19 — 0.43] 0.01 — 0.00] 0.09 — 0.10] 0.09 — 0.14] 0.00 — 0.39] 4.35 — 2.29 — 1.86 — 0.15] 0.00 — 0.02] <td>Fund Bmark Cat Fund ▼ Benchmark 77.28 — 89.94 0.14 — 0.39] 51.31 — 84.49 0.00 — 0.09] 25.83 — 4.97 </td>	Fund Bmark Cat Fund ▼ Benchmark 77.28 — 89.94 0.14 — 0.39] 51.31 — 84.49 0.00 — 0.09] 25.83 — 4.97

Top 10 Holdings as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ 5 Year Treasury Note Future Mar 23	04-2023	18.80	18.80	_
⊕ Euro Schatz Future Mar 23	03-2023	18.47	37.27	-
→ 10 Year Treasury Note Future Mar 23	03-2023	16.25	53.52	-
3 Month Euribor TAS Future Mar 23	03-2023	11.18	64.70	-
⊕ U S TIPS REV REPO	01-2023	9.05	73.75	-
∪ S TIPS REV REPO	01-2023	8.82	82.57	_
□ US Treasury Bond Future Mar 23	03-2023	5.86	88.43	-
☆ Offset: Unsettled Trades	_	5.53	93.96	-
🌣 Cash Offset	_	5.33	99.29	-
─ EUROPEAN MONETARY UNION EURO Purchased	01-2023	5.13	104.42	-

Total Holdings 995

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 8590

100.00

100.00

PIMCO Short-Term Instl PTSHX

Morningstar Category
Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 12.01 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.45 is 2.17% lower than the Ultrashort Bond category average.

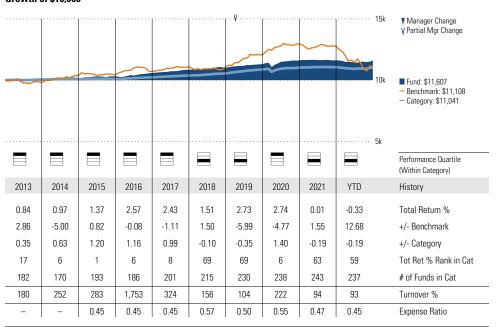
Morningstar Investment Management LLC Analysis

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.

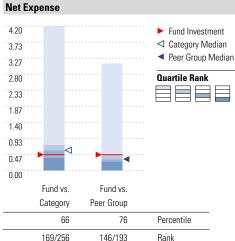
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.15	_	0.76
Beta	0.10	_	0.12
R-Squared	5.26	_	17.12
Standard Deviation	2.47	5.85	1.94
Sharpe Ratio	0.02	-0.58	-0.30
Tracking Error	5.81	_	5.59
Information Ratio	0.62	_	0.56
Up Capture Ratio	25.96	_	22.64
Down Capture Ratio	8.66	_	11.26

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.09	4.43	0.72
Avg Eff Maturity	_	_	3 41

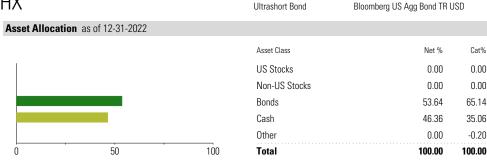




PIMCO Short-Term Instl PTSHX

Style Analysis	as of 12-31-2022
Style Breakdown	
Fixed Income	Quality
	High
	Mid
	Low
Ltd Mod Ext	
Duration	

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	41.71	3.53	45.58
AA	3.49	74.59	9.37
A	25.35	10.82	22.58
BBB	28.42	8.32	16.39
BB	0.54	0.28	0.81
В	0.30	0.00	0.43
Below B	0.19	0.00	0.09
Not Rated	0.00	2.46	4.75



Morningstar Category

Morningstar Index

	Fund	Bmark	Cat	Fund	▼ Benchma	ul. II Cata	gory Ave		
	Fund	Bmark		Funa		irk Cate	gory Avei	rage	
Government	8.85	_	12.30						
Treasury	0.00	-	7.45	ļ					
Inflation – Protected	0.00	-	0.00	Ö					
Agency/Quasi Agency	1.84	_	2.01						
Other Government Related	7.01	_	2.84						
Corporate	26.43	-	32.21						
Corporate Bond	26.35	_	31.54			: :			
Bank Loan	0.08	_	0.60	i0					
Convertible	0.00	_	0.07						
Preferred	0.00	_	0.00						
Securitized	15.46	-	24.02						
Agency MBS Pass-Through	0.18	_	2.37						
Agency MBS ARM	0.09	_	0.78						
Agency MBS CMO	1.62	-	2.51						
Non-Agency Residential MBS	1.13	-	0.34	()II					
Commercial MBS	0.00	-	0.40	0					
Asset-Backed	12.44	-	17.62						
Covered Bond	0.00	_	0.00						
Municipal	0.09	_	0.92	[
Cash & Equivalents	41.63	_	30.48						
Other	7.09	_	0.06	1					

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	_	38.27	38.27	_
⊕ 3 Month SOFR Future June 23	09-2023	24.63	62.90	_
○ CDX IG39 5Y ICE	12-2027	23.56	86.46	_
— 2 Year Treasury Note Future Mar 23	04-2023	15.53	101.99	-
→ 5 Year Treasury Note Future Mar 23	04-2023	10.92	112.91	_
	09-2024	9.48	122.39	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	6.70	129.09	_
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	6.70	135.79	_
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Pay	01-2023	5.13	140.92	_
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Receive	01-2023	5.13	146.05	_

Total Holdings 1172

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



T. Rowe Price Retirement | 2010 | TRPAX

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

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 6 of the 7 years
it's been in existence.

Management: The fund's management has been in place for 7.26 years.

✓ Net Expense: The fund's expense ratio of 0.34 is
39.29% lower than the Target-Date 2000-2010 category average.

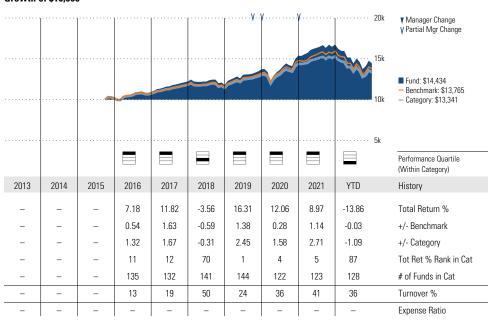
Morningstar Investment Management LLC Analysis

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.

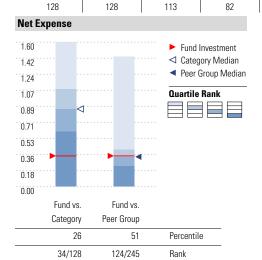
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception 5.00 -13.86 1.70 3.36 5.32 Fund Return % 5.34 -13.83 1.27 2.98 4.36 5.67 Benchmark Return % -12 77 0.81 4.29 4 44 2.56 Category Average % 21 87 10 % Rank 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	0.39	-	-0.37
Beta	1.09	-	0.89
R-Squared	97.00	-	96.78
Standard Deviation	11.56	10.48	9.48
Sharpe Ratio	0.13	0.09	0.03
Tracking Error	2.20	-	2.28
Information Ratio	0.19	-	-0.19
Up Capture Ratio	107.28	-	85.67
Down Capture Ratio	104.72	_	88.11

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	15.61	15.75
Price/Book Ratio	2.47	2.32	2.47
Avg Eff Duration	5.38	_	_



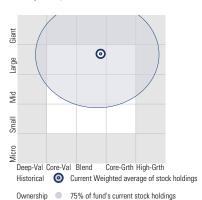
of Funds in Category

T. Rowe Price Retirement I 2010 I TRPAX

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

Style Analysis as of 12-31-2022

Morningstar Style Box™

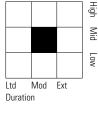


Style Breakdown

Equity 30 15 28 6 5 10



Value Blend Growth

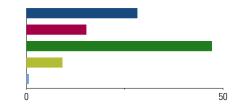


Quality

Fixed Income

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

Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.52	2.84
Cash	9.08	6.15
Bonds	47.11	56.45
Non-US Stocks	15.16	12.73
US Stocks	28.14	21.82
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	٠ ١	Benchm	ark I n	atonony	Average		
⊌ Cyclical	34.27	39.79	34.76	Tunc	,	Dentini	aik ji c	ategory	Average		
Basic Materials	4.26	4.58	4.83		-i			:		-	
Consumer Cyclical	11.77	10.75	10.51		- 4	1					
Financial Services	14.26	15.09	15.72								
Real Estate	3.98	9.37	3.70		= []	•					
✓ Sensitive	38.77	36.00	39.74								
Communication Services	6.33	4.90	6.06								
Energy	4.05	5.28	5.76								
Industrials	10.61	11.38	10.98		1						
Technology	17.78	14.44	16.94								
→ Defensive	26.96	24.21	25.50								
Consumer Defensive	6.70	7.20	7.39								
Healthcare	16.19	13.62	14.41		_						
Utilities	4.07	3.39	3.70		=)						
				0%	5	10	15	20	25	30	35

Top 10 Holdings as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	_	14.69	14.69	_	_
	-	14.68	29.37	_	_
⊕ T. Rowe Price Value Z	-	7.70	37.07	_	_
⊕ T. Rowe Price Growth Stock Z	-	6.77	43.85	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	-	5.30	49.15	_	-
T. Rowe Price Equity Index 500 Z	_	4.45	53.60	_	_
⊕ T. Rowe Price Emerging Markets Bond Z	-	4.00	57.60	_	_
→ T. Rowe Price US Treasury Money Z	-	4.00	61.60	_	_
⊕ T. Rowe Price Dynamic Global Bond Z	-	3.97	65.57	_	_
T. Rowe Price Overseas Stock Z	_	3.94	69.51	_	_

Total Holdings 27

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



T. Rowe Price Retirement | 2015 | TRFGX

Morningstar Category Target-Date 2015

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 7 of the 7 years it's

Management: The fund's management has been in place for 7.26 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 0.36 is 40% lower than the Target-Date 2015 category average.

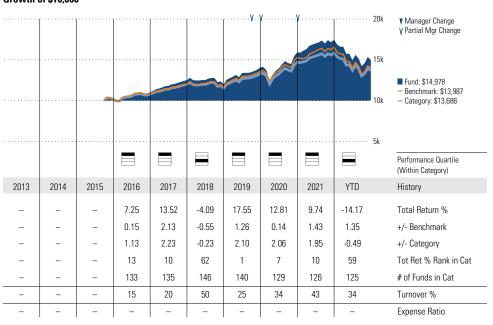
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance

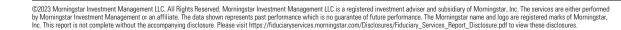


Net Exp	ense			
1.95				Fund Investment
1.73				Category Median
1.52				 Peer Group Mediar
1.30				Quartile Rank
1.08				
0.87	4.			
0.65				
0.43				
0.22				
0.00				
	Fund vs.	Fun	d vs.	
	Category	Peer G	roup	
	24		50	Percentile

	31/125	109/218	Rank	
Peer grou	p is a subset o	f the category an	d includes fun	ds with the
same ma	nagement style	(active vs. passi	ve) and simila	r share class
character	ictice			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.03	_	0.16
Beta	1.05	_	0.93
R-Squared	96.15	_	97.12
Standard Deviation	12.34	11.51	10.85
Sharpe Ratio	0.16	0.07	0.08
Tracking Error	2.49	-	2.11
Information Ratio	0.41	_	0.06
Up Capture Ratio	105.37	_	91.66
Down Capture Ratio	99.03	_	90.60

Fund	Bmark	Cat
17.17	15.45	15.61
2.47	2.29	2.46
5.49	-	5.70
	17.17 2.47	17.17 15.45 2.47 2.29



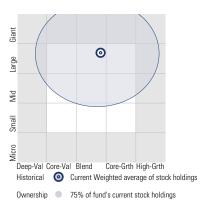


T. Rowe Price Retirement I 2015 I TRFGX

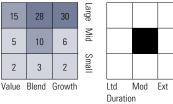
Morningstar Index Morningstar Lifetime Mod 2015 TR USD **Morningstar Category** Target-Date 2015

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown



Fixed Income

Quality

High

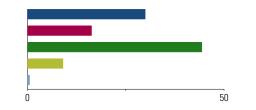
Mid

Low

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.50	5.10
Cash	9.00	4.90
Bonds	44.31	51.08
Non-US Stocks	16.27	14.37
US Stocks	29.92	24.54
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d '	Bench	mark	Categ	gory Ave	erage		
b	Cyclical	34.24	39.90	34.93									
	Basic Materials	4.25	4.67	4.92									
P	Consumer Cyclical	11.76	10.80	10.67									
<u></u>	Financial Services	14.26	15.22	15.85									
b	Real Estate	3.97	9.21	3.49		0	,						
NF	Sensitive	38.77	36.02	40.02									
	Communication Services	6.32	4.89	6.06									
	Energy	4.03	5.29	5.80									
ž	Industrials	10.64	11.47	10.98									
2	Technology	17.78	14.37	17.18				-	0				
+	Defensive	26.99	24.09	25.04									
7	Consumer Defensive	6.70	7.20	7.21			j						
ř	Healthcare	16.21	13.51	14.24									
2	Utilities	4.08	3.38	3.59		i							

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	-	12.70	26.98	-	_
⊕ T. Rowe Price Value Z	-	8.29	35.27	_	_
⊕ T. Rowe Price Growth Stock Z	_	7.20	42.47	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	-	5.15	47.62	-	_
	_	4.66	52.28	_	_
⊕ T. Rowe Price Overseas Stock Z	_	4.27	56.55	_	_
⊕ T. Rowe Price US Treasury Money Z	-	4.00	60.55	-	_
⊕ T. Rowe Price Dynamic Global Bond Z	-	3.86	64.41	-	_
⊕ T. Rowe Price Emerging Markets Bond Z	_	3.85	68.26	_	_

Total Holdings 27



T. Rowe Price Retirement | 2020 | TRBRX

Morningstar Category Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Total Return %

as of 12-31-2022

Fund

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 7 of the 7 years it's

Management: The fund's management has been in place for 7.26 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 0.37 is 36.21% lower than the Target-Date 2020 category average.

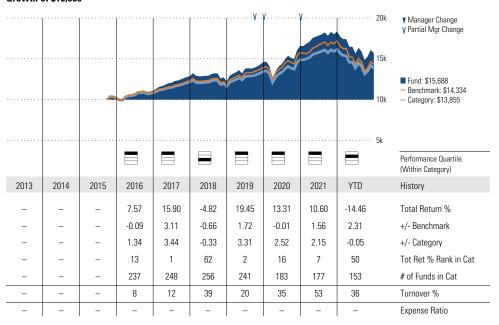
Morningstar Investment Management LLC Analysis

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

ESG Metrics

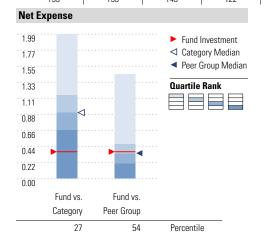
Metric	Rating	Updated
Sustainability Rating	2	01-31-2023
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance





	44/163	178/330	Rank	
Peer group	o is a subset o	f the category an	ıd includes fun	ds with the
same man	agement style	(active vs. passi	ive) and simila	r share class
characteri	etice			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.42	_	0.27
Beta	1.03	_	0.91
R-Squared	95.59	_	96.66
Standard Deviation	13.33	12.59	11.69
Sharpe Ratio	0.17	0.07	0.08
Tracking Error	2.83	_	2.49
Information Ratio	0.50	_	0.13
Up Capture Ratio	104.49	_	90.94
Down Capture Ratio	96.45	_	89.35

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.19	15.30	15.60
Price/Book Ratio	2.48	2.27	2.39
Avg Eff Duration	5.61	_	5.80

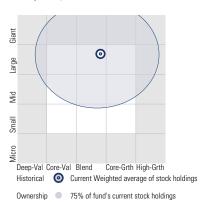


T. Rowe Price Retirement I 2020 I TRBRX

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

Style Analysis as of 12-31-2022

Morningstar Style Box™



Fixed Income

Mod Duration

Quality High

Mid

Low

Style Breakdown

Equity 30 15 28 6 5 10

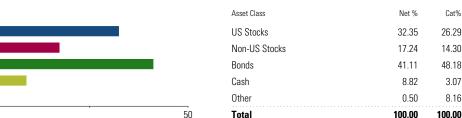


>50 25-50 10-25 0-10

Weight %



Asset Allocation as of 12-31-2022



		Fund	Bmark	Cat	Fund	1	Bench	mark	Categ	gory Ave	erage	
Ն	Cyclical	34.15	39.89	36.48								
ů.	Basic Materials	4.21	4.78	4.61								
Д	Consumer Cyclical	11.72	10.85	10.59								
,	Financial Services	14.27	15.37	15.67								
À	Real Estate	3.95	8.89	5.61			*					
M	Sensitive	38.76	36.08	40.26								
₫	Communication Services	6.30	4.91	6.15								
ð	Energy	4.05	5.29	5.33								
Ф	Industrials	10.63	11.56	10.74				_				
	Technology	17.78	14.32	18.04				•		_ :		
→	Defensive	27.09	24.01	23.25								
=	Consumer Defensive	6.72	7.20	6.90			'					
٠	Healthcare	16.26	13.43	13.28								
•	Utilities	4.11	3.38	3.07								

Top 10 Holdings as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	13.70	13.70	_	_
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	-	10.71	24.41	_	_
⊕ T. Rowe Price Value Z	-	9.00	33.41	_	_
⊕ T. Rowe Price Growth Stock Z	_	7.60	41.01	_	_
	-	5.29	46.30	_	-
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	_	4.93	51.23	_	_
⊕ T. Rowe Price Overseas Stock Z	_	4.50	55.73	_	_
⊕ T. Rowe Price International Value Eq Z	_	3.94	59.67	_	_
⊕ T. Rowe Price Dynamic Global Bond Z	_	3.66	63.33	_	_
⊕ T. Rowe Price Emerging Markets Bond Z	_	3.66	66.98	_	_

Total Holdings 31



T. Rowe Price Retirement I 2025 I TRPHX

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

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 7 of the 7 years it's been in existence

Management: The fund's management has been in place for 7.26 years.

Net Expense: The fund's expense ratio of 0.39 is 39.06% lower than the Target-Date 2025 category average.

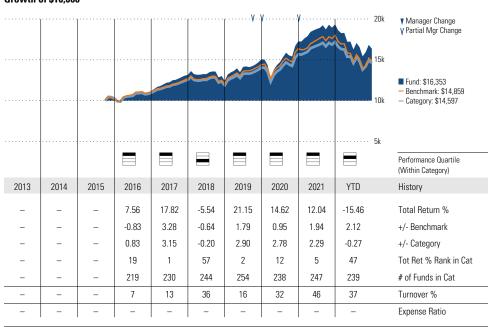
Morningstar Investment Management LLC Analysis

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

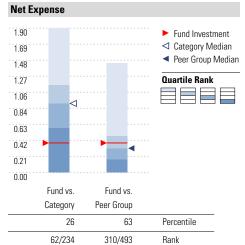
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2022 Fund Benchmark Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year 6.01 -15.46 2.78 4.44 7.23 Fund Return % 5.79 6.92 -17.58 1.04 3.20 6.13 Benchmark Return % 5 73 -15 19 1 40 3.19 5.73 Category Average % 45 47 4 3 % Rank in Category 241 239 214 185 # 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	1.75	_	0.42
Beta	1.04	_	0.91
R-Squared	96.16	_	97.41
Standard Deviation	14.68	13.79	12.71
Sharpe Ratio	0.20	0.08	0.10
Tracking Error	2.94	_	2.57
Information Ratio	0.59	_	0.20
Up Capture Ratio	109.97	_	92.41
Down Capture Ratio	100.98	_	90.14

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.20	15.14	15.55
Price/Book Ratio	2.48	2.24	2.39
Avg Eff Duration	5.95	-	-



T. Rowe Price Retirement I 2025 I TRPHX

Morningstar Category Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

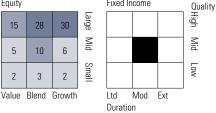
Style Analysis as of 12-31-2022

Morningstar Style Box™





Equity 30 15 28 6 5 10



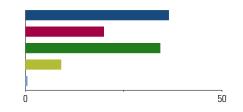
Fixed Income

Weight %

2 3

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Asset Class	Net %	Cat%
US Stocks	36.42	29.29
Non-US Stocks	19.89	15.36
Bonds	34.23	41.59
Cash	9.02	3.29
Other	0.43	10.46
Total	100.00	100.00

cal Materials umer Cyclical cial Services Estate munication Services	34.17 4.22 11.73 14.27 3.95 38.78 6.30 4.06	39.82 4.87 10.90 15.51 8.54 36.22 4.95 5.31	36.05 4.53 10.42 15.57 5.53 40.28 6.20 5.32			1							
umer Cyclical acial Services Estate itive munication Services	11.73 14.27 3.95 38.78 6.30	10.90 15.51 8.54 36.22 4.95	10.42 15.57 5.53 40.28 6.20									1	
icial Services Estate itive munication Services	14.27 3.95 38.78 6.30	15.51 8.54 36.22 4.95	15.57 5.53 40.28 6.20			•	- [— []	
Estate itive munication Services	3.95 38.78 6.30	8.54 36.22 4.95	5.53 40.28 6.20			•						I	
itive munication Services	38.78 6.30	36.22 4.95	40.28 6.20			•					7		
nunication Services	6.30	4.95	6.20									1	
ЗУ	4.06	5.31	5.32										
			0.02										
strials	10.64	11.67	10.67										
nology	17.78	14.29	18.09						-				
nsive	27.05	23.96	23.66										
umer Defensive	6.72	7.22	7.04			İ							
thcare	16.25	13.35	13.42										
ies	4.08	3.39	3.20		.								
t	umer Defensive hcare	umer Defensive 6.72	umer Defensive 6.72 7.22 hcare 16.25 13.35	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42	umer Defensive 6.72 7.22 7.04 hcare 16.25 13.35 13.42

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price New Income Z	_	12.21	12.21	-	_
⊕ T. Rowe Price Value Z	-	10.27	22.49	_	_
⊕ T. Rowe Price Growth Stock Z	-	8.75	31.23	_	-
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	-	7.11	38.34	_	-
→ T. Rowe Price Equity Index 500 Z	-	6.00	44.35	-	-
⊕ T. Rowe Price Overseas Stock Z	_	5.12	49.46	_	_
⊕ T. Rowe Price International Value Eq Z	-	4.47	53.93	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	-	4.37	58.31	_	_
⊕ T. Rowe Price International Stock Z	-	4.31	62.62	_	_
⊕ T. Rowe Price US Treasury Money Z	_	3.46	66.08	_	_

Total Holdings 31



T. Rowe Price Retirement | 2030 | TRPCX

Morningstar Category Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 7 of the 7 years it's

Management: The fund's management has been in place for 7.26 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 0.41 is 36.92% lower than the Target-Date 2030 category average.

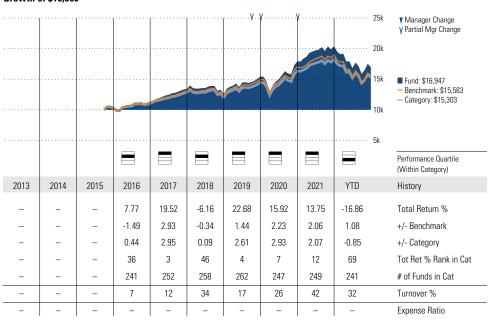
Morningstar Investment Management LLC Analysis

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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance



Net Expo	ense			
1.90				► Fund Investment
1.69				Category Median
1.48				 Peer Group Media
1.27				Quartile Rank
1.06				
0.84				
0.63				
0.42		••••		
0.21				
0.00				
	Fund vs.	Fur	nd vs.	
(Category	Peer 0	iroup	

68/237	256/421	Rank
Peer group is a subset	of the category an	d includes funds with the
same management sty	le (active vs. passi	ve) and similar share clas
characteristics		

61

Percentile

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.72	_	0.68
Beta	1.05	_	0.94
R-Squared	97.78	_	98.23
Standard Deviation	16.23	15.26	14.47
Sharpe Ratio	0.22	0.11	0.15
Tracking Error	2.54	_	2.29
Information Ratio	0.68	_	0.32
Up Capture Ratio	110.73	_	96.78
Down Capture Ratio	102.79	_	93.56

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.21	14.98	15.88
Price/Book Ratio	2.48	2.21	2.49
Avg Eff Duration	6.70	-	-



29

T. Rowe Price Retirement I 2030 I TRPCX

Morningstar Category Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity 30 15 28 6 5 10

Large Mid2 3 2

Value Blend Growth Ltd Mod Duration

Fixed Income

Quality High

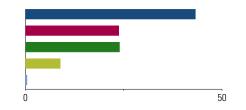
Mid

Low

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Asset Class Net % Cat% US Stocks 36.59 43.21 Non-US Stocks 17.80 23.71 Bonds 23.90 31.05 Cash 8.82 2.53 Other 0.36 12.02 100.00 100.00 Total

		Fund	Bmark	Cat	Fund		Bench	mark	Cate	gory Ave	erage		
٠	Cyclical	34.16	39.72	35.05									
ì.	Basic Materials	4.20	4.97	4.44		[]							
•	Consumer Cyclical	11.77	10.99	10.75									
٥	Financial Services	14.24	15.68	15.72									
à	Real Estate	3.95	8.08	4.14			•						
Ųľ	Sensitive	38.82	36.34	40.98									
	Communication Services	6.31	4.97	6.27									
	Energy	4.06	5.33	5.25			_						
}	Industrials	10.63	11.78	10.87									
1	Technology	17.82	14.26	18.59					■[_ :			
+	Defensive	27.02	23.94	23.97									
Ţ	Consumer Defensive	6.72	7.26	7.01									
1	Healthcare	16.24	13.29	13.85									
1	Utilities	4.06	3.39	3.11)							

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O.T.D. D. W. J.		40.40	10.10		
⊕ T. Rowe Price Value Z	_	12.18	12.18	_	_
→ T. Rowe Price Growth Stock Z	_	10.49	22.67	_	_
⊕ T. Rowe Price New Income Z	_	9.76	32.42	_	_
T. Rowe Price Equity Index 500 Z	-	7.14	39.56	_	_
⊕ T. Rowe Price Overseas Stock Z	_	6.13	45.70	-	-
⊕ T. Rowe Price International Value Eq Z	_	5.32	51.01	_	_
⊕ T. Rowe Price International Stock Z	_	5.18	56.19	_	_
⊕ T. Rowe Price Real Assets Z	_	3.53	59.72	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	_	3.52	63.24	_	_
⊕ T. Rowe Price US Trs Long-Term Idx Z	_	3.46	66.70	_	_

Total Holdings 31



T. Rowe Price Retirement I 2035 I TRPJX

Morningstar Category Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 7 of the 7 years it's

Management: The fund's management has been in place for 7.26 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 0.42 is 36.36% lower than the Target-Date 2035 category average.

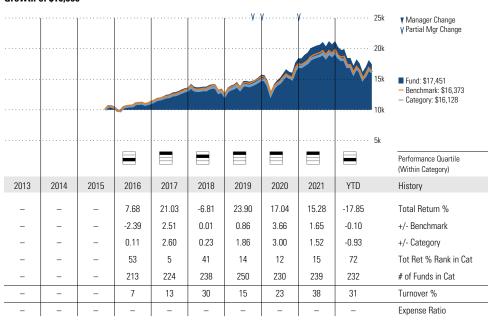
Morningstar Investment Management LLC Analysis

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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance



Net Exp	oense		
1.93			Fund Investment
1.72			Category Median
1.50			 Peer Group Media
1.29			Quartile Rank
1.07			
0.86			
0.64			
0.43		~	
0.21			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	30	66	Percentile

328/497 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	1.51	_	0.75
Beta	1.03	_	0.96
R-Squared	98.77	-	98.60
Standard Deviation	17.54	16.88	16.36
Sharpe Ratio	0.23	0.15	0.19
Tracking Error	2.03	_	2.15
Information Ratio	0.76	_	0.38
Up Capture Ratio	107.51	-	99.09
Down Capture Ratio	101.22	-	95.91

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.19	14.82	15.66
Price/Book Ratio	2.48	2.18	2.41
Avg Eff Duration	7.38	_	-



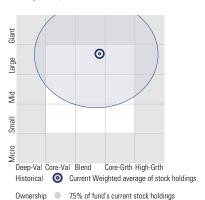
T. Rowe Price Retirement I 2035 I TRPJX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR
USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Large

Μid

Style Breakdown

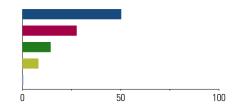
Equity 15 28 30 5 10 6

2 3 2
Value Blend Growth



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

Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.26	10.60
Cash	7.97	2.82
Bonds	14.21	20.95
Non-US Stocks	27.45	22.64
US Stocks	50.11	42.99
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	t b	Bench	mark	Categ	gory Ave	erage	_
b	Cyclical	34.19	39.62	35.28								- 1
	Basic Materials	4.23	5.09	4.53								
	Consumer Cyclical	11.75	11.07	10.72								
ê	Financial Services	14.25	15.85	15.69								
b	Real Estate	3.96	7.61	4.34			•					
NI	Sensitive	38.80	36.48	40.73								
	Communication Services	6.31	5.00	6.28								
•	Energy	4.07	5.34	5.25								
Þ	Industrials	10.63	11.89	10.82				_				
2	Technology	17.79	14.25	18.38				*	■[]	_ :		
+	Defensive	27.01	23.90	24.00								
7	Consumer Defensive	6.73	7.28	7.02								
ř	Healthcare	16.23	13.23	13.79								
?	Utilities	4.05	3.39	3.19		(

Top 10 Holdings as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	_	14.01	14.01	_	_
⊕ T. Rowe Price Growth Stock Z	-	12.02	26.03	_	_
⊕ T. Rowe Price Equity Index 500 Z	-	8.21	34.24	_	_
⊕ T. Rowe Price Overseas Stock Z	-	7.16	41.40	_	_
⊕ T. Rowe Price New Income Z	-	6.33	47.73	-	-
⊕ T. Rowe Price International Value Eq Z	_	6.16	53.89	_	_
⊕ T. Rowe Price International Stock Z	-	5.97	59.86	_	_
⊕ T. Rowe Price Real Assets Z	-	4.09	63.95	_	_
⊕ T. Rowe Price US Large-Cap Core Z	-	3.86	67.81	_	_
⊕ T. Rowe Price Mid-Cap Growth Z	_	3.26	71.07	_	_

Total Holdings 31



T. Rowe Price Retirement | 2040 | TRPDX

Morningstar Category Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 6 of the 7 years it's

Management: The fund's management has been in place for 7.26 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 0.43 is 35.82% lower than the Target-Date 2040 category average.

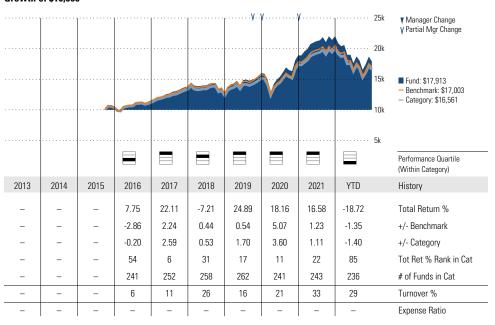
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance



Net Exp	ense		
1.95			Fund Investment
1.73			Category Median
1.52			 Peer Group Mediar
1.30			Quartile Rank
1.08			
0.87			
0.65			
0.43			
0.22			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	29	64	Percentile

265/415 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	1.27	_	0.66
Beta	1.01	_	0.97
R-Squared	98.91	_	98.66
Standard Deviation	18.69	18.32	17.80
Sharpe Ratio	0.25	0.18	0.21
Tracking Error	1.97	-	2.24
Information Ratio	0.66	-	0.32
Up Capture Ratio	105.15	-	99.40
Down Capture Ratio	100.28	-	96.89

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.19	14.67	15.50
Price/Book Ratio	2.48	2.15	2.39
Avg Eff Duration	7.70	-	-



T. Rowe Price Retirement I 2040 I TRPDX

Morningstar Category Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

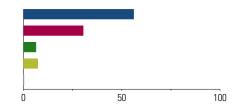
Equity				Fixed	Income		Quality
15	28	30	Large				High
5	10	6	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Durati	Mod on	Ext	_

Eivad Incomo

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.19	9.88
Cash	7.20	1.88
Bonds	6.29	13.20
Non-US Stocks	30.31	26.05
US Stocks	56.01	48.99
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	gory Ave	erage	
ŀ	Cyclical	34.17	39.59	35.67								
A.	Basic Materials	4.21	5.18	4.55		[
A	Consumer Cyclical	11.76	11.13	10.69								
÷	Financial Services	14.24	16.00	15.83								
fi	Real Estate	3.96	7.28	4.60		[
Ma.	Sensitive	38.81	36.57	40.74								
	Communication Services	6.31	5.03	6.21								
ð	Energy	4.07	5.35	5.32								
D	Industrials	10.63	11.97	10.92								
	Technology	17.80	14.22	18.29				*	= [_ :		
→	Defensive	27.02	23.84	23.59								
	Consumer Defensive	6.73	7.30	7.00								
٠	Healthcare	16.24	13.14	13.53								
•	Utilities	4.05	3.40	3.06								

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	_	15.50	15.50	_	_
⊕ T. Rowe Price Growth Stock Z	-	13.32	28.82	_	_
⊕ T. Rowe Price Equity Index 500 Z	-	9.14	37.97	_	_
⊕ T. Rowe Price Overseas Stock Z	_	7.92	45.89	_	_
⊕ T. Rowe Price International Value Eq Z	-	6.82	52.71	-	-
⊕ T. Rowe Price International Stock Z	_	6.55	59.26	_	_
⊕ T. Rowe Price Real Assets Z	-	4.51	63.76	_	_
⊕ T. Rowe Price US Large-Cap Core Z	-	4.27	68.04	_	_
◆ T. Rowe Price Mid-Cap Growth Z	-	3.63	71.67	_	_
⊕ T. Rowe Price Mid-Cap Value Z	_	3.36	75.03	_	_

Total Holdings 31



T. Rowe Price Retirement | 2045 | TRPKX

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

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 6 of the 7 years it's been in existence

Management: The fund's management has been in place for 7.26 years.

Net Expense: The fund's expense ratio of 0.44 is 34.33% lower than the Target-Date 2045 category average.

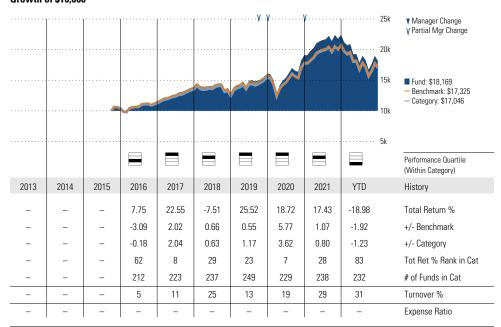
Morningstar Investment Management LLC Analysis

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

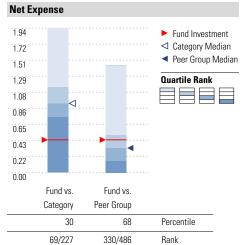
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2022 Fund Benchmark 0 Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year 8.66 -18.98 4.14 5.57 8.86 Fund Return % 7.70 10.16 -17.06 2.92 4.58 6.95 Benchmark Return % 8 76 -17 75 3 45 4 83 7 74 Category Average % 72 83 12 15 % Rank in Category

182



232

207

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	1.21	_	0.60
Beta	1.00	_	0.97
R-Squared	98.89	_	98.58
Standard Deviation	19.34	19.22	18.72
Sharpe Ratio	0.26	0.20	0.23
Tracking Error	2.04	_	2.33
Information Ratio	0.60	-	0.27
Up Capture Ratio	103.62	-	99.79
Down Capture Ratio	99.22	-	97.67

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	14.54	15.52
Price/Book Ratio	2.47	2.13	2.38
Avg Eff Duration	8.16	_	-



of Funds in Category

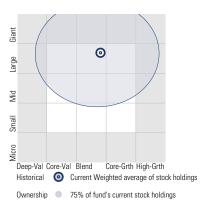
234

T. Rowe Price Retirement I 2045 I TRPKX

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

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity				Fixed I	ncome
15	28	30	Large		
5	10	6	Mid		
2	3	2	Small		
Value	Blond	Crowth		Ltd	Mod

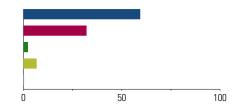
Value Blend Growth

Mid Low Mod Duration

Quality High

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

Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.14	10.41
Cash	6.55	2.14
Bonds	2.11	7.40
Non-US Stocks	31.95	28.18
US Stocks	59.26	51.87
Asset Class	Net %	Cat%

		Freed	Dl.	0-4	F		D l-	and.	П с-+	A				
		Fund	Bmark	Cat	Fun	a '	Bench	mark	Cateo	jory Ave	rage			
<u></u>	Cyclical	34.17	39.68	35.58		7	1							
A.	Basic Materials	4.21	5.28	4.57										
A	Consumer Cyclical	11.74	11.16	10.77										
æ	Financial Services	14.27	16.12	15.74			_							
f	Real Estate	3.95	7.12	4.50		= ['							
W	Sensitive	38.79	36.58	40.60										
	Communication Services	6.31	5.05	6.24										
ð	Energy	4.08	5.35	5.25										
Ф	Industrials	10.64	12.02	10.90										
	Technology	17.76	14.16	18.21				•		_ :				
→	Defensive	27.02	23.73	23.82			_							
	Consumer Defensive	6.73	7.31	7.02			ĺ							
٠	Healthcare	16.24	13.02	13.68			- 1							
•	Utilities	4.05	3.40	3.12		(
					0%	5	10	15	20	25	30	35	40	4

Top 10 Holdings as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	-	16.37	16.37	-	_
⊕ T. Rowe Price Growth Stock Z	-	13.94	30.31	_	_
⊕ T. Rowe Price Equity Index 500 Z	-	9.74	40.05	_	_
⊕ T. Rowe Price Overseas Stock Z	-	8.34	48.39	_	_
⊕ T. Rowe Price International Value Eq Z	-	7.24	55.63	-	-
⊕ T. Rowe Price International Stock Z	_	6.89	62.52	_	_
⊕ T. Rowe Price Real Assets Z	-	4.72	67.24	_	_
⊕ T. Rowe Price US Large-Cap Core Z	-	4.47	71.71	_	_
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.72	75.43	_	_
⊕ T. Rowe Price Mid-Cap Value Z	_	3.57	79.00	_	_

Total Holdings 24



T. Rowe Price Retirement I 2050 I TRPMX

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

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 6 of the 7 years it's been in existence

Management: The fund's management has been in place for 7.26 years.

Net Expense: The fund's expense ratio of 0.45 is 33.82% lower than the Target-Date 2050 category average.

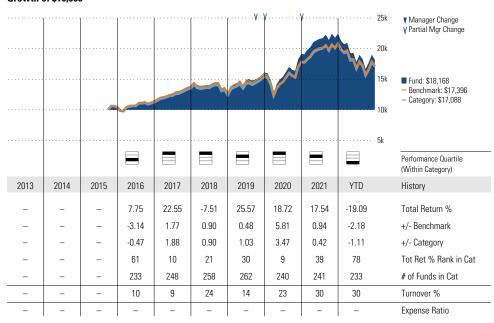
Morningstar Investment Management LLC Analysis

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

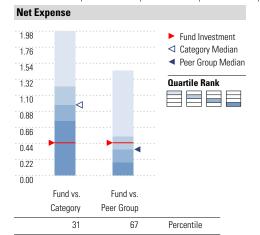
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

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 $% \left(1\right) =\left(1\right) \left(1\right) $
characteristics.

275/411

Rank

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.09	_	0.54
Beta	0.99	_	0.97
R-Squared	98.81	_	98.50
Standard Deviation	19.45	19.56	19.14
Sharpe Ratio	0.26	0.21	0.23
Tracking Error	2.14	_	2.37
Information Ratio	0.51	_	0.23
Up Capture Ratio	102.61	_	100.31
Down Capture Ratio	98.74	_	98.47

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	14.42	15.55
Price/Book Ratio	2.48	2.11	2.38
Avg Eff Duration	7.17	-	-



T. Rowe Price Retirement I 2050 I TRPMX

Morningstar Category Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

Net %

60.23

32.44

0.89

6.30

0.14

100.00

Cat%

54.64

28.82

5.08

1.99

9.48

100.00

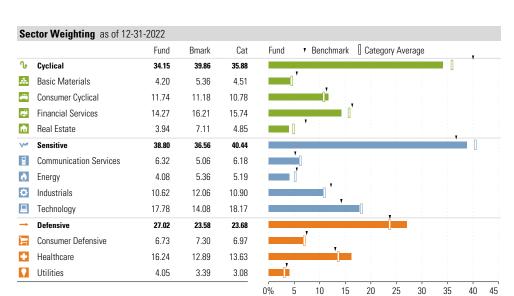
Style Analysis as of 12-31-2022

Morningstar Style Box™



Asset Class US Stocks Non-US Stocks Bonds Cash Other 100 50 Total

Asset Allocation as of 12-31-2022



Style Breakdown

Equity				rixeu ii	icome		Quali
15	28	30	Large				High
5	10	6	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	_

Weight %

>50 25-50 10-25 0-10

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	_	16.63	16.63	_	-
⊕ T. Rowe Price Growth Stock Z	_	14.20	30.83	_	_
⊕ T. Rowe Price Equity Index 500 Z	_	9.98	40.81	_	_
→ T. Rowe Price Overseas Stock Z	_	8.47	49.28	_	_
⊕ T. Rowe Price International Value Eq Z	_	7.35	56.63	-	-
⊕ T. Rowe Price International Stock Z	_	7.02	63.65	_	_
⊕ T. Rowe Price Real Assets Z	_	4.78	68.42	_	_
⊕ T. Rowe Price US Large-Cap Core Z	_	4.53	72.95	_	_
⊕ T. Rowe Price Mid-Cap Growth Z	_	3.76	76.70	_	_
⊕ T. Rowe Price Mid-Cap Value Z	_	3.61	80.31	_	_

Total Holdings 24



T. Rowe Price Retirement | 2055 | TRPNX

Morningstar Category Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 6 of the 7 years it's

Management: The fund's management has been in place for 7.26 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 0.46 is 32.35% lower than the Target-Date 2055 category average.

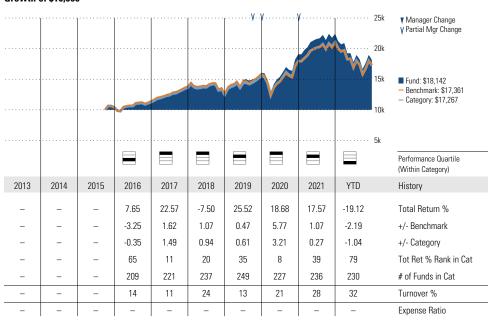
Morningstar Investment Management LLC Analysis

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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000



Trailing Performance



Net Exp	ense		
1.96			Fund Investment
1.74			Category Median
1.52			 Peer Group Mediar
1.31			Quartile Rank
1.09			
0.87			
0.65			
0.44		····•	
0.22			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	32	71	Percentile

345/486 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	1.11	_	0.60
Beta	0.99	_	0.97
R-Squared	98.75	_	98.44
Standard Deviation	19.48	19.64	19.28
Sharpe Ratio	0.26	0.20	0.23
Tracking Error	2.20	_	2.41
Information Ratio	0.51	_	0.25
Up Capture Ratio	102.29	_	100.91
Down Capture Ratio	98.31	_	98.86

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	14.31	15.34
Price/Book Ratio	2.48	2.08	2.33
Avg Eff Duration	7.18	_	_



T. Rowe Price Retirement I 2055 I TRPNX

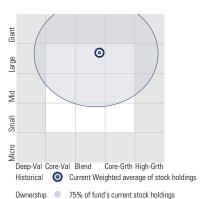
Quality High MidLow

Morningstar Category Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

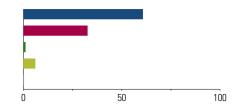
Weight %

Equity				Fixed	Income
15	28	30	Large		
5	10	6	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod

Duration

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Asset Class Net % Cat% US Stocks 54.52 60.62 Non-US Stocks 32.48 31.50 Bonds 0.89 4.37 Cash 5.86 1.45 Other 0.13 8.15 100.00 100.00 Total

		Fund	Bmark	Cat	Fund	•	Bench	mark	Categ	gory Ave	erage	
b	Cyclical	34.14	40.09	36.07								
i.	Basic Materials	4.19	5.43	4.70		[
-	Consumer Cyclical	11.73	11.19	10.70								
₽	Financial Services	14.28	16.29	15.76								
b	Real Estate	3.94	7.18	4.91		[
NI	Sensitive	38.81	36.50	40.48								
	Communication Services	6.32	5.08	6.33								
•	Energy	4.09	5.34	5.30		ĺ						
\$	Industrials	10.63	12.09	10.81								
2	Technology	17.77	13.99	18.04						_ :		
+	Defensive	27.05	23.41	23.45								
=	Consumer Defensive	6.74	7.28	6.95				_				
۲	Healthcare	16.25	12.75	13.44								
?	Utilities	4.06	3.38	3.06								

NI .		0/ 11 . 1	0 1 .: 0/	VITO D	
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	_	16.77	16.77	_	_
⊕ T. Rowe Price Growth Stock Z	-	14.24	31.01	_	_
⊕ T. Rowe Price Equity Index 500 Z	-	10.14	41.15	_	_
⊕ T. Rowe Price Overseas Stock Z	-	8.45	49.60	-	_
⊕ T. Rowe Price International Value Eq Z	-	7.45	57.05	-	-
⊕ T. Rowe Price International Stock Z	_	6.97	64.02	_	_
⊕ T. Rowe Price Real Assets Z	-	4.75	68.78	_	_
⊕ T. Rowe Price US Large-Cap Core Z	-	4.51	73.29	_	_
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.75	77.04	_	_
⊕ T. Rowe Price Mid-Cap Value Z	_	3.64	80.68	_	_

Total Holdings 24



T. Rowe Price Retirement I 2060 I TRPLX

Morningstar Category Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015 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 6 of the 7 years it's

Management: The fund's management has been in place for 7.26 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 0.46 is 32.35% lower than the Target-Date 2060 category average.

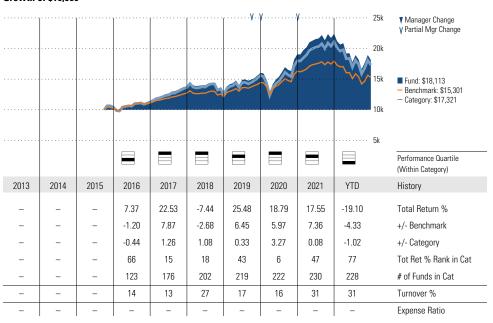
Morningstar Investment Management LLC Analysis

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

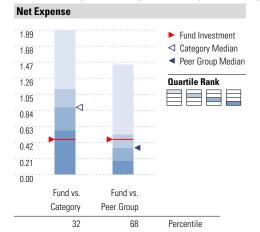
Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance





72/226	277/408	Rank					
Peer group is a subset of	the category ar	nd includes funds with	the				
same management style (active vs. passive) and similar share class							
characteristics							

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.95	_	1.40
Beta	1.39	_	1.39
R-Squared	97.49	_	97.51
Standard Deviation	19.48	13.80	19.38
Sharpe Ratio	0.26	0.15	0.23
Tracking Error	6.25	_	6.19
Information Ratio	0.35	_	0.27
Up Capture Ratio	148.46	_	147.22
Down Capture Ratio	139.60	_	141.29

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.18	14.25	15.56
Price/Book Ratio	2.47	2.06	2.39
Avg Eff Duration	7.15	-	-

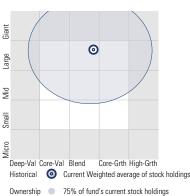


T. Rowe Price Retirement I 2060 I TRPLX

Morningstar Category Morningstar Index Target-Date 2060

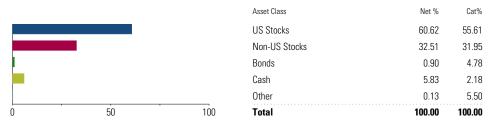
Morningstar Mod Tgt Risk TR USD

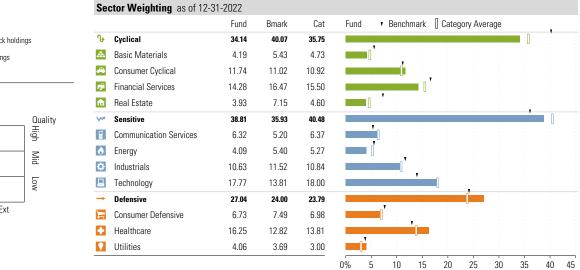
Style Analysis as of 12-31-2022 Morningstar Style Box™



Mid

Asset Allocation as of 12-31-2022





Style Breakdown





Value Blend Growth

>50 25-50 10-25 0-10

Weight %

Top 10 Holdings as of 12-31-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	_	16.76	16.76	_	_
⊕ T. Rowe Price Growth Stock Z	-	14.27	31.03	_	-
⊕ T. Rowe Price Equity Index 500 Z	-	10.11	41.14	_	-
⊕ T. Rowe Price Overseas Stock Z	-	8.49	49.63	_	_
◆ T. Rowe Price International Value Eq Z	-	7.44	57.07	-	-
⊕ T. Rowe Price International Stock Z	-	6.96	64.03	_	_
⊕ T. Rowe Price Real Assets Z	-	4.76	68.79	_	_
⊕ T. Rowe Price US Large-Cap Core Z	_	4.51	73.31	_	-
⊕ T. Rowe Price Mid-Cap Growth Z	_	3.75	77.05	_	-
⊕ T. Rowe Price Mid-Cap Value Z	_	3.64	80.70	_	_

Total Holdings 24



T. Rowe Price Retirement I 2065 I TRFKX

Morningstar Category Target-Date 2065+ Morningstar Index

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Kimberly DeDominicis since 10-2020 Wyatt Lee since 10-2020 Andrew Jacobs van Merlen since 10-2020

Quantitative Screens

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

- × *Management*: The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.46 is 26.98% lower than the Target-Date 2065+ category average.

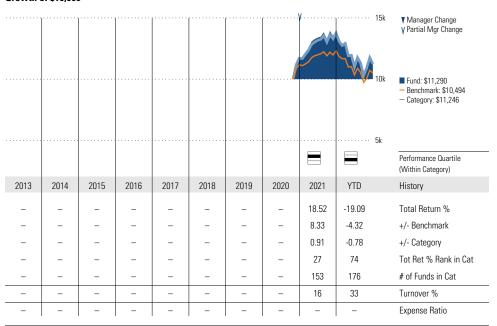
Morningstar Investment Management LLC Analysis

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

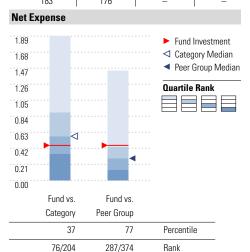
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	_	_	1.46
Beta	_	_	1.43
R-Squared	_	_	97.93
Standard Deviation	_	13.80	19.94
Sharpe Ratio	_	0.15	0.24
Tracking Error	_	_	6.59
Information Ratio	-	-	0.26
Up Capture Ratio	-	-	151.52
Down Capture Ratio	_	_	145.37

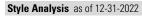
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.17	14.25	15.08
Price/Book Ratio	2.47	2.06	2.30
Avg Eff Duration	7.18	-	-



T. Rowe Price Retirement I 2065 I TRFKX

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

Morningstar Mod Tgt Risk TR USD



Morningstar Style Box™



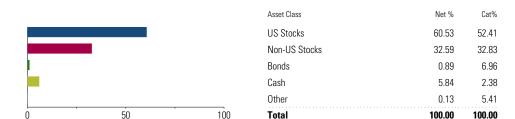
Style Breakdown

Equity			
15	28	30	Large
5	10	6	Mid
2	3	2	Small

Value Blend Growth



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



			ъ .	0 .	-		ъ .		По			
		Fund	Bmark	Cat	Func	1 7	Bench	mark	[] Cate	gory Ave	erage	 ,
b	Cyclical	34.16	40.07	35.54			1		1		:	
ì.	Basic Materials	4.21	5.43	4.93		— []`						
•	Consumer Cyclical	11.74	11.02	10.75								
٥	Financial Services	14.26	16.47	15.79				— [] '				
à	Real Estate	3.95	7.15	4.07								
NF	Sensitive	38.83	35.93	41.05								
	Communication Services	6.33	5.20	6.39								
•	Energy	4.09	5.40	5.38								
þ	Industrials	10.64	11.52	11.12				_				
3	Technology	17.77	13.81	18.16				-	■[]			
÷	Defensive	27.02	24.00	23.40								
Ę	Consumer Defensive	6.73	7.49	7.17			ľ					
ř	Healthcare	16.24	12.82	13.27								
1	Utilities	4.05	3.69	2.96		j						

A.I.	M	0/ 11 . 1	0 1 .: 0/	\(TD D \)	
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	_	16.70	16.70	_	_
→ T. Rowe Price Growth Stock Z	-	14.33	31.03	_	-
⊕ T. Rowe Price Equity Index 500 Z	_	9.91	40.94	_	_
⊕ T. Rowe Price Overseas Stock Z	_	8.49	49.44	_	_
⊕ T. Rowe Price International Value Eq Z	-	7.42	56.86	-	-
⊕ T. Rowe Price International Stock Z	_	7.07	63.93	_	_
🕀 T. Rowe Price Real Assets Z	-	4.80	68.73	_	_
⊕ T. Rowe Price US Large-Cap Core Z	-	4.52	73.25	_	_
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.79	77.05	_	-
⊕ T. Rowe Price Mid-Cap Value Z	_	3.64	80.68	_	_

Asset Allocation as of 12-31-2022

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 6.68 years.
- Net Expense: The fund's expense ratio of 0.04 is 94.81% 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	01-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2022 10 ■ Fund Benchmark 0 Category -5 -10 -15 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 7.55 -18.15 7.62 9.39 12.52 6.85 10.61 7.56 -18.11 7.66 9.42 12.56 Benchmark Return % 8 27 -16 96 6 88 11.31 8 26 Category Average % 59 52 33 25 13 % Rank in Category 1.441 1.379 1.247 1.137 837 # 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	-0.04	_	-0.68
Beta	1.00	_	0.96
R-Squared	100.00	_	95.98
Standard Deviation	21.17	21.16	20.73
Sharpe Ratio	0.41	0.41	0.36
Tracking Error	0.01	_	3.95
Information Ratio	-3.96	_	-0.83
Up Capture Ratio	99.95	_	94.55
Down Capture Ratio	100.07	_	96.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.04	19.03	18.29
Price/Book Ratio	3.59	3.59	4.14
Geom Avg Mkt Cap \$B	161.35	161.22	211.02
ROE	31.18	31.17	36.63





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

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

16	30	38	Large
5	8	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2022



Total	100.00	100.00
Other	0.00	1.10
Cash	0.33	0.45
Bonds	0.00	0.84
Non-US Stocks	1.12	2.81
US Stocks	98.54	94.79
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	28.67	28.72	29.35	
A	Basic Materials	2.46	2.46	2.84	
A	Consumer Cyclical	9.57	9.56	9.83	
ı,	Financial Services	13.84	13.89	14.27	
命	Real Estate	2.80	2.81	2.41	
W	Sensitive	44.61	44.59	44.38	
	Communication Services	7.28	7.28	7.09	
•	Energy	5.24	5.23	4.38	
Ф	Industrials	9.06	9.06	10.44	
	Technology	23.03	23.02	22.47	
-	Defensive	26.71	26.69	26.28	
Ħ	Consumer Defensive	7.61	7.61	7.43	
+	Healthcare	15.91	15.90	16.05	
•	Utilities	3.19	3.18	2.80	
					0% 5 10 15 20 25 20 25 40 41

Top 15 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.03	6.03	-26.32	Technology
	5.55	11.58	-27.94	Technology
⊕ Amazon.com Inc	2.31	13.90	-49.62	Consumer Cyclical
⊕ Berkshire Hathaway Inc Class B	1.73	15.63	3.31	Financial Services
Alphabet Inc Class A	1.64	17.26	-39.09	Communication Svc
⊕ UnitedHealth Group Inc	1.54	18.80	6.86	Healthcare
	1.46	20.26	-38.67	Communication Svc
⊕ Johnson & Johnson	1.43	21.69	5.86	Healthcare
─ Exxon Mobil Corp	1.41	23.10	86.06	Energy
⊕ JPMorgan Chase & Co	1.22	24.32	-12.79	Financial Services
⊕ NVIDIA Corp	1.13	25.45	-50.26	Technology
⊕ Procter & Gamble Co	1.12	26.57	-5.14	Consumer Defensive
⊕ Visa Inc Class A	1.05	27.62	-3.40	Financial Services
⊕ Tesla Inc	1.03	28.64	-65.03	Consumer Cyclical
⊕ The Home Depot Inc	1.00	29.65	-22.06	Consumer Cyclical

Total Holdings 509



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 12.6 years.
- 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

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	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2022 ■ Fund 10 Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % 15.76 -11.66 1.30 1.36 4.31 8.07 17.34 -14.45 0.87 1.54 4.67 8.22 Benchmark Return % 18 02 -9 N9 0.89 0.66 3 61 Category Average % 82 75 40 27 25 % Rank in Category 375 356 326 303 180 # 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	0.66	_	0.43
Beta	1.04	_	1.04
R-Squared	92.63	_	90.02
Standard Deviation	21.95	20.25	22.18
Sharpe Ratio	0.13	0.10	0.12
Tracking Error	6.02	_	7.29
Information Ratio	0.07	-	0.01
Up Capture Ratio	101.35	-	102.04
Down Capture Ratio	99.77	-	101.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.12	12.65	9.31
Price/Book Ratio	1.53	1.56	1.15
Geom Avg Mkt Cap \$B	28.83	43.46	32.72
ROE	16.05	19.18	17.40





Vanguard International Value Inv VTRIX

Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

27	36	17	Large
6	8	4	Mid
1	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100 00	100 00
Other	0.00	0.19
Cash	4.06	1.66
Bonds	0.00	0.14
Non-US Stocks	92.25	95.13
US Stocks	3.70	2.88
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2022												
		Fund	Bmark	Cat	Fund	•	Bench	mark	[] Categ	jory Ave	erage		_	
<u></u>	Cyclical	43.79	39.68	43.07										
Å.	Basic Materials	10.74	7.81	9.19										
A	Consumer Cyclical	16.72	10.37	10.30										
æ	Financial Services	15.12	18.69	22.00					1 0					
fi	Real Estate	1.21	2.81	1.58	[]									
W	Sensitive	39.54	32.96	35.10										
0	Communication Services	6.97	4.93	6.46										
•	Energy	6.92	5.06	8.09		•								
O	Industrials	17.44	14.88	14.13			- :							
	Technology	8.21	8.09	6.42			ľ							
→	Defensive	16.66	27.36	21.83										
Ħ	Consumer Defensive	6.21	10.37	7.98										
+	Healthcare	7.77	13.71	10.35			. ['						
•	Utilities	2.68	3.28	3.50										
					0%	5	10	15	20	25	30	35	40	45

World Regions % Equity 12-31-2022



	Fund %	Cat %
Greater Asia	40.34	31.96
Japan	10.52	17.50
Australasia	0.93	4.09
Asia-4 Tigers	12.63	7.20
Asia-ex 4 Tigers	16.26	3.17
Not Classified	0.00	0.00

Americas	Fund % 9.51	Cat % 8.66	Greater Europe	Fund % 50.14	Cat % 59.39	Market Maturity	Fund %
North America	6.06	7.54	United Kingdom	14.97	17.54	Developed Markets	79.78
Central/Latin	3.45	1.12	W euro-ex UK	34.57	41.25	Emerging Markets	20.22
			Emrgng Europe	0.00	0.13	Not Available	0.00
			Africa	0.60	0.47		

Top 10 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	3.37	3.37	_	_
⊕ Alibaba Group Holding Ltd Ordinary Shares	2.07	5.44	-25.68	Consumer Cyclical
⊕ AIA Group Ltd	1.81	7.25	17.53	Financial Services
⊕ BP PLC	1.61	8.86	40.92	Energy
	1.61	10.47	0.80	Industrials
	1.56	12.03	7.68	Basic Materials
	1.37	13.40	41.32	Energy
→ HSBC Holdings PLC	1.37	14.77	13.95	Financial Services
⇒ Sands China Ltd Shs Unitary 144A/Reg S	1.17	15.94	54.39	Consumer Cyclical
RELX PLC	1.16	17.10	-7.61	Communication Svc

Total Holdings 224



Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Portfolio Manager(s)

Donald Butler since 08-2006 Awais Khan since 07-2021 Aurélie Denis since 02-2023

Quantitative Screens

Performance: The fund has finished in the Mid-Cap 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 16.38 years.

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

Net Expense: The fund's expense ratio of 0.07 is 92.86% lower than the Mid-Cap Value category average.

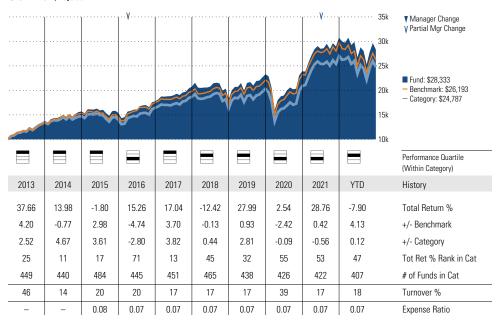
Morningstar Investment Management LLC Analysis

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.

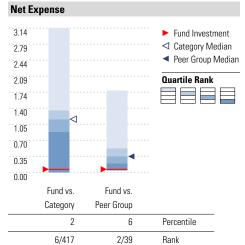
ESG Metrics

Metric Sustainability Rating Control Pick Socre	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % 12.11 -7.90 6.74 6.39 10.98 12.03 10.45 -12.03 5.82 5.72 10.11 11.21 Benchmark Return % 11.81 -8 N2 6.82 5 96 9 58 Category Average % 46 47 50 40 13 % Rank in Category 416 407 395 374 274 # 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	0.98	_	0.86
Beta	0.96	_	0.99
R-Squared	99.20	_	95.83
Standard Deviation	24.01	24.79	25.07
Sharpe Ratio	0.36	0.32	0.35
Tracking Error	2.32	_	5.36
Information Ratio	0.39	_	0.13
Up Capture Ratio	97.60	_	98.80
Down Capture Ratio	94.49	_	96.45

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.43	13.97	12.92
Price/Book Ratio	2.15	2.06	1.88
Geom Avg Mkt Cap \$B	21.77	16.01	12.31
ROE	19.85	15.78	17.41

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Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

Equity

3	5	2	Large
39	47	3	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.40
Cash	0.41	2.42
Bonds	0.00	0.01
Non-US Stocks	1.63	6.46
US Stocks	97.96	90.71
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ Ben	chmar	k [] C	ategory	Avera	ge		
b	Cyclical	43.78	45.64	42.06										
ů.	Basic Materials	5.46	6.13	5.40										
4	Consumer Cyclical	8.42	10.44	11.17										
<u></u>	Financial Services	19.07	17.74	19.04										
b	Real Estate	10.83	11.33	6.45										
NI	Sensitive	27.26	33.31	34.28								0		
	Communication Services	2.53	3.29	3.07										
9	Energy	4.62	5.54	6.21										
\$	Industrials	13.10	14.82	16.35										
3	Technology	7.01	9.66	8.65										
+	Defensive	28.95	21.05	23.65										
Ę	Consumer Defensive	6.87	4.43	6.57										
1	Healthcare	8.50	7.55	10.58										
?	Utilities	13.58	9.07	6.50			٧.							

Top 15 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Centene Corp	1.48	1.48	-0.47	Healthcare
○ Corteva Inc	1.35	2.83	25.55	Basic Materials
	1.27	4.10	12.32	Financial Services
○ Carrier Global Corp Ordinary Shares	1.10	5.20	-22.78	Industrials
⇒ PG&E Corp	1.09	6.29	33.94	Utilities
○ Consolidated Edison Inc	1.08	7.36	15.41	Utilities
⇒ Nucor Corp	1.08	8.44	17.23	Basic Materials
→ Ameriprise Financial Inc	1.06	9.50	4.84	Financial Services
→ VICI Properties Inc Ordinary Shares	1.03	10.53	12.59	Real Estate
→ PACCAR Inc	0.99	11.52	16.88	Industrials
⊖ Keysight Technologies Inc	0.97	12.49	-17.16	Technology
→ Dollar Tree Inc	0.95	13.44	0.65	Consumer Defensive
⊖ Rockwell Automation Inc	0.94	14.39	-24.86	Industrials
→ WEC Energy Group Inc	0.94	15.33	-0.41	Utilities
∃ Baker Hughes Co Class A	0.94	16.27	25.77	Energy

Total Holdings 198



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 6.68 years.
- Style: The fund has landed in its primary style box Small Value — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.07 is 93.86% lower than the Small Value category average.

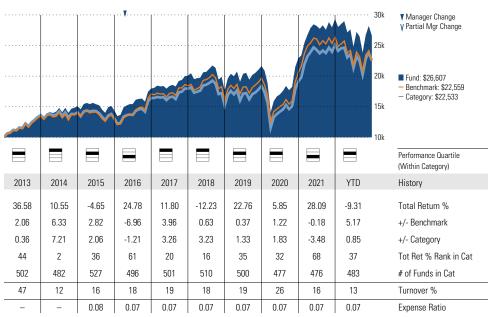
Morningstar Investment Management LLC Analysis

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

ESG Metrics

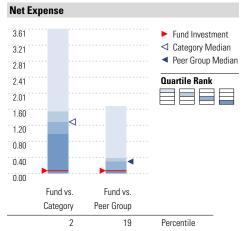
Metric	Rating	Updated
Sustainability Rating	4	01-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Trailing Performance





	8/499	9/48	Rank	
Peer group	is a subset of t	he category and	d includes fun	ds with the
same man	agement style (a	active vs. passiv	ve) and simila	r share class
characteris	etice			

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	2.45	_	2.07
Beta	0.96	_	0.99
R-Squared	97.83	_	95.05
Standard Deviation	26.84	27.66	28.15
Sharpe Ratio	0.36	0.27	0.34
Tracking Error	4.11	_	6.45
Information Ratio	0.59	_	0.30
Up Capture Ratio	99.22	-	101.40
Down Capture Ratio	92.77	_	96.46

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	10.13	9.22	11.62
Price/Book Ratio	1.70	1.27	1.60
Geom Avg Mkt Cap \$B	4.90	1.83	3.75
ROE	18.23	7.83	16.18



Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 12-31-2022

Morningstar Style Box™



Style Breakdown

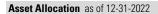
Equity

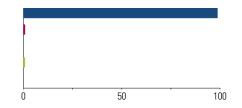
1. /			
0	0	0	Large
17	19	5	MIG
28	27	4	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	-0.09
Cash	0.65	2.15
Bonds	0.00	0.01
Non-US Stocks	0.70	3.16
US Stocks	98.65	94.78
Asset Class	Net %	Cat%

		Fund	Dmark	Cat	Fund	- Dan	ما م م ما د	Пс	oton.	am. A.	erage		
_		Fund	Bmark		Fund	▼ Ben	Jilliark	. [] (Jaceg	DIY AV	rerage		
Դ	Cyclical	50.02	53.37	51.23	•		1	1				1	4
æ.	Basic Materials	6.05	3.54	5.91] [
A	Consumer Cyclical	12.07	10.46	13.69									
	Financial Services	21.17	26.33	24.71									
fi	Real Estate	10.73	13.04	6.92									
W	Sensitive	34.67	27.36	35.63					•				
	Communication Services	1.99	2.76	1.82		_							
•	Energy	5.81	5.77	6.46									
Ф	Industrials	20.00	12.28	18.23				i					
	Technology	6.87	6.55	9.12									
-	Defensive	15.31	19.27	13.13			į						
Ħ	Consumer Defensive	4.57	3.50	4.03									
+	Healthcare	5.76	10.57	6.21									
•	Utilities	4.98	5.20	2.89									

Top 15 Holdings as of 12-31-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ IDEX Corp	0.67	0.67	-2.39	Industrials
Steel Dynamics Inc ■ Steel Dynamics Inc Steel Dynamic	0.63	1.30	59.59	Basic Materials
⊕ Atmos Energy Corp	0.61	1.91	9.62	Utilities
⊕ APA Corp	0.58	2.50	75.92	Energy
→ Bunge Ltd	0.58	3.07	9.33	Consumer Defensive
⊕ Howmet Aerospace Inc	0.57	3.64	24.13	Industrials
⊕ Booz Allen Hamilton Holding Corp Class A	0.54	4.18	25.30	Industrials
	0.52	4.71	_	-
⊕ First Horizon Corp	0.51	5.22	53.70	Financial Services
⊕ Kimco Realty Corp	0.51	5.72	-10.67	Real Estate
⊕ Gaming and Leisure Properties Inc	0.49	6.22	12.81	Real Estate
⊕ United Therapeutics Corp	0.49	6.71	28.70	Healthcare
→ Ovintiv Inc	0.49	7.20	53.29	Energy
⊕ RPM International Inc	0.49	7.69	-1.91	Basic Materials
⊕ Carlisle Companies Inc	0.47	8.16	-3.99	Industrials

Total Holdings 865



Western Asset Core Bond IS WACSX

Morningstar Category Intermediate Core Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

Mark Lindbloom since 12-2006 S. Leech since 08-2013 Julien Scholnick since 05-2016 Frederick Marki since 05-2018 John Bellows since 05-2018

Quantitative Screens

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

Management: The fund's management has been in place for 16.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.43 is 23.21% lower than the Intermediate Core Bond category average.

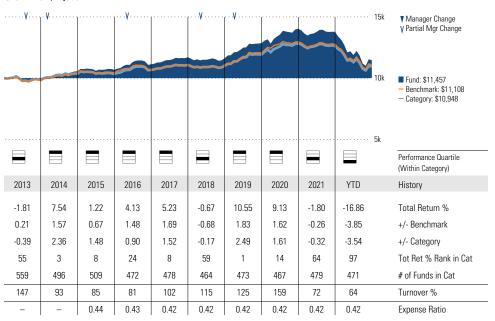
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	01-31-2023

Growth of \$10,000



Trailing Performance



Net Ex	pense		
4.62			► Fund Investment
4.11	• • • • • • • • • • • • • • • • • • • •		Category Median
3.59	• • • • • • • • • • • • • • • • • • • •		◆ Peer Group Median
3.08	• • • • • • • • • • • • • • • • • • • •		Quartile Rank
2.57			
2.05			
1.54			
1.03	□ □ □		
0.51	•	····	
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	42	60	Percentile

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

250/417

Rank

3- Tear hisk wietrics			
	Fund	Bmark	Cat
Alpha	-0.35	_	0.03
Beta	1.24	_	1.00
R-Squared	93.70	_	92.92
Standard Deviation	7.53	5.85	6.12
Sharpe Ratio	-0.58	-0.58	-0.56
Tracking Error	2.37	_	1.54
Information Ratio	-0.45	_	-0.09
Up Capture Ratio	127.90	_	104.58
Down Capture Ratio	131.08	_	103.15

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.11	4.43	6.05
Avg Eff Maturity	15.02	-	8.25

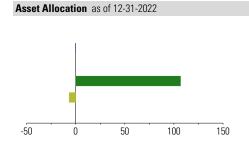


Western Asset Core Bond IS WACSX

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

Style Analysis as of 12-31-2022 Style Breakdown





Total	100.00	100.00
Other	0.00	1.87
Cash	-6.58	2.10
Bonds	106.65	95.92
Non-US Stocks	0.00	0.02
US Stocks	-0.07	0.10
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	63.77	3.53	54.60
AA	7.27	74.59	8.55
A	14.87	10.82	17.15
BBB	19.01	8.32	16.13
BB	1.06	0.28	1.41
В	0.04	0.00	0.45
Below B	0.00	0.00	0.18
Not Rated	-6.02	2.46	1.53

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	Fund	Bmark	Cat	Fund	7 1	Benchma	rk [] C	ategory	Average			
Government	19.96	-	30.92			:						
Treasury	18.93	_	25.72									
Inflation – Protected	0.00	_	1.34									
Agency/Quasi Agency	1.03	_	1.10									
Other Government Related	0.00	_	2.76									
Corporate	38.23	-	25.82									
Corporate Bond	38.23	_	25.72									
Bank Loan	0.00	_	0.06									
Convertible	0.00	_	0.01									
Preferred	0.00	_	0.03									
Securitized	35.02	-	33.07									
Agency MBS Pass-Through	19.94	_	23.32									
Agency MBS ARM	0.43	_	0.33	[]								
Agency MBS CMO	1.91	_	2.14									
Non-Agency Residential MBS	1.11	_	0.28	<u>[</u>]								
Commercial MBS	0.01	_	0.67									
Asset-Backed	11.62	_	6.33									
Covered Bond	0.00	_	0.00									
Municipal	0.02	_	0.80	i [
Cash & Equivalents	6.42	_	6.78									
Other	0.36	-	2.62									
				0%	5	10	15	20	25	30	35	40

Top 10 Holdings as of 12-31-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Trade Date Cash	-	10.22	10.22	_
⊕ Western Asset Prem Instl Govtt Rsrv Pref	_	4.77	14.99	_
─ United States Treasury Bonds 1.875%	_	3.63	18.62	_
⊕ United States Treasury Notes 4.125%	10-2027	2.60	21.22	_
─ Usd Swap Contra Asset	_	2.52	23.74	_
⊕ United States Treasury Bonds 4%	_	1.65	25.39	_
⊕ Federal National Mortgage Association 2.5%	_	1.44	26.83	-
→ Federal National Mortgage Association 3%	_	1.43	28.26	-
⊕ Federal National Mortgage Association 3.5%	_	1.32	29.58	-
⊕ United States Treasury Bonds 4%	_	1.29	30.87	_

Total Holdings 2494

