American Funds American Balanced R6 RLBGX

Morningstar Category Allocation--50% to 70% Morningstar Index

Equity

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Hilda Applbaum since 01-1999 Gregory Johnson since 03-2003 Alan Berro since 03-2006 James Mulally since 03-2006 Jeffrey Lager since 03-2011 Michael Kerr since 03-2014 Paul Benjamin since 07-2014 Alan Wilson since 01-2016 John Queen since 07-2016 Pramod Atluri since 03-2018

Quantitative Screens

Performance: The fund has finished in the Allocation-50% to 70% Equity category's top three quartiles in 10 of the 10 years it's been in existence.

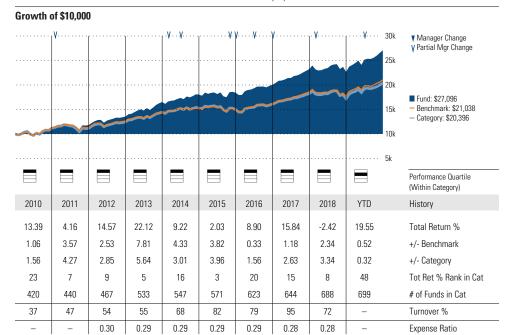
Management: The fund's management has been in place for 21.01 years.

 \times *Style:* The fund has landed in its primary style box — Large Blend — 63.64 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.28 is
 73.58% lower than the Allocation--50% to 70% Equity
 category average.

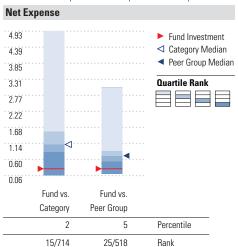
Morningstar Investment Management LLC Analysis

This fund fails our current style screen. However, as an allocation fund it is not expected to adhere to a strict style discipline, so the screen failure does not concern us and we are still comfortable using this fund.





3-Year Risk Metrics



	Fund	Bmark	Cat
Alpha	1.21	-	-1.21
Beta	1.01	-	1.08
R-Squared	95.68	-	92.31
Standard Deviation	7.00	6.76	7.61
Sharpe Ratio	1.23	1.07	0.90
Tracking Error	1.46	-	2.23
Information Ratio	0.98	-	-0.30
Up Capture Ratio	108.30	-	101.02
Down Capture Ratio	97.52	_	113.02

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.53	17.25	17.99
Price/Book Ratio	2.62	2.05	2.31
Avg Eff Duration	6.00	_	4.38





American Funds American Balanced R6 RLBGX

Quality

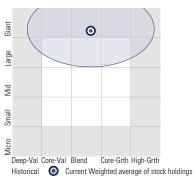
Morningstar Category Allocation--50% to 70% Morningstar Index

Morningstar Mod Tgt Risk TR USD

Equity

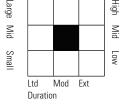
Style Analysis as of 12-31-2019

Morningstar Style Box™



Ownership 75% of fund's current stock holdings

Style Breakdown



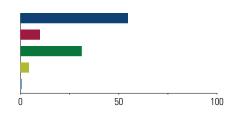
Fixed Income

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

Blend Growth

Value

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.55	19.37
Cash	4.17	5.40
Bonds	31.04	26.40
Non-US Stocks	9.72	8.77
US Stocks	54.52	40.06
Asset Class	Net %	Cat%

		Fund	Dwarle	Cot	Г	ام	• Danah	بالعمميار	I Cotor					
_		Fund	Bmark	Cat	Fun	a	▼ Bench	mark	U Cateo	jory Ave	rage	n ·	,	
_Մ	Cyclical	30.77	40.09	33.92										
A	Basic Materials	4.59	4.63	3.23										
A	Consumer Cyclical	6.85	9.72	9.46			[_ :					
,	Financial Services	14.81	17.68	17.62					ď					
ŵ	Real Estate	4.52	8.06	3.61			1							
W	Sensitive	44.92	36.87	40.49										
	Communication Services	7.97	6.97	8.55			<u> </u>							
•	Energy	6.03	5.25	4.75										
Ф	Industrials	8.72	11.36	10.76										
	Technology	22.20	13.29	16.43										
—	Defensive	24.32	23.04	25.61										
Ħ	Consumer Defensive	7.75	7.96	7.53			(
+	Healthcare	15.48	11.24	14.49			V							
•	Utilities	1.09	3.84	3.59										
					0%	5	10	15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	_	4.79	4.79	57.12	Technology
⊖ Capital Group Central Cash Fund	_	4.69	9.47	_	_
⊕ UnitedHealth Group Inc	_	3.10	12.57	19.67	Healthcare
	_	2.04	14.62	62.84	Technology
⊕ Berkshire Hathaway Inc A	_	2.04	16.66	10.98	Financial Services
⊕ Broadcom Inc	_	1.74	18.40	28.68	Technology
→ Philip Morris International Inc	_	1.55	19.95	34.38	Consumer Defensive
The Home Depot Inc The Home Depo	_	1.55	21.50	30.26	Consumer Cyclical
⊕ Boeing Co	_	1.54	23.04	3.56	Industrials
	_	1.33	24.37	30.22	Technology

Total Holdings 1840

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



American Funds Europacific Growth R6 RERGX

Morningstar Category Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

Carl Kawaja since 06-2001
Nicholas Grace since 06-2002
Sung Lee since 06-2002
Jesper Lyckeus since 06-2004
Jonathan Knowles since 06-2006
Andrew Suzman since 06-2007
Christopher Thomsen since 06-2008
Lawrence Kymisis since 06-2014
Lara Pellini since 10-2014
Gerald Manoir since 01-2020
Noriko Chen since 01-2020

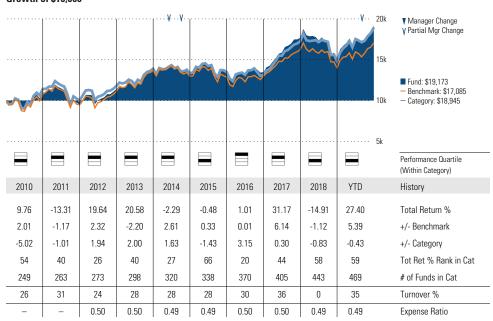
Quantitative Screens

- ❷ Performance: The fund has finished in the Foreign 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 18.59 years.
- Net Expense: The fund's expense ratio of 0.49 is
 55.86% lower than the Foreign Large Growth category average.

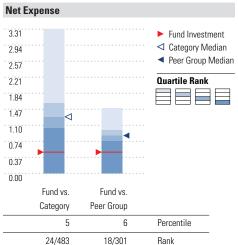
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	2.05	_	2.84
Beta	1.07	_	1.03
R-Squared	92.31	_	-
Standard Deviation	12.25	10.96	12.25
Sharpe Ratio	0.88	0.73	0.89
Tracking Error	3.49	_	4.87
Information Ratio	0.83	_	0.66
Up Capture Ratio	107.42	_	105.20
Down Capture Ratio	90.51	_	83.81

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.75	16.19	17.86
Price/Book Ratio	1.88	1.58	2.37
Geom Avg Mkt Cap \$B	39.57	35.93	31.37
ROE	19.74	15.50	19.30





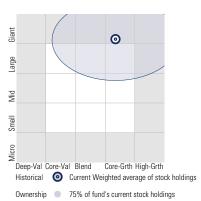
American Funds Europacific Growth R6 RERGX

Morningstar Category Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

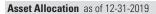
Equity

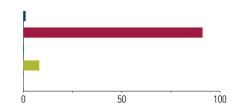
1. /			
14	25	49	Large
2	3	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

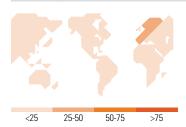




Asset Class	Net %	Cat%
US Stocks	0.93	8.42
Non-US Stocks	90.97	88.07
Bonds	0.13	0.04
Cash	7.87	3.11
Other	0.10	0.35
Total	100.00	100.00

Sec	ctor Weighting as of 12-3	31-2019			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
_Մ	Cyclical	40.93	39.28	33.28	
A	Basic Materials	7.74	7.04	4.88	
A	Consumer Cyclical	14.65	10.25	11.14	
,	Financial Services	17.21	18.52	16.24	<u> </u>
命	Real Estate	1.33	3.47	1.02	
W	Sensitive	38.37	33.39	39.60	
	Communication Services	6.19	6.00	6.61	
ð	Energy	6.24	5.13	2.59	
Ф	Industrials	11.85	14.95	15.08	
	Technology	14.09	7.31	15.32	
→	Defensive	20.70	27.33	27.11	
=	Consumer Defensive	5.13	11.20	12.65	
٠	Healthcare	12.38	12.53	13.24	
•	Utilities	3.19	3.60	1.22	 '
					0% 5 10 15 20 25 30 35 40

World Regions % Equity 12-31-2019



Greater Asia	Fund % 47.62	Cat % 31.55	
Japan	15.83	13.98	
Australasia	1.16	2.07	
Asia-4 Tigers	10.10	6.36	
Asia-ex 4 Tigers	20.53	9.14	
Not Classified	0.00	0.00	

Americas	Fund % 11.55	Cat % 15.11	Greater Europe	Fund % 40.81	Cat % 53.32	Market Maturity	Fund %
North America	4.96	13.03	United Kingdom	9.53	11.74	Developed Markets	71.76
Central/Latin	6.59	2.08	W euro-ex UK	29.57	40.44	Emerging Markets	28.24
			Emrgng Europe	0.81	0.45	Not Available	0.00
			Africa	0.90	0.69		

Top 10 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	8.19	8.19	_	_
Reliance Industries Ltd	2.72	10.91	35.61	Energy
	2.66	13.57	57.37	Industrials
HDFC Bank Ltd	2.20	15.77	20.86	Financial Services
	2.19	17.95	27.81	Financial Services
○ Nintendo Co Ltd	2.16	20.12	53.25	Communication Svc
	2.16	22.27	94.55	Technology
□ Daiichi Sankyo Co Ltd	1.51	23.78	107.86	Healthcare
⊕ Recruit Holdings Co Ltd	1.39	25.17	55.06	Industrials
	1.39	26.56	52.33	Technology

Total Holdings 326

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



American Funds Growth Fund of Amer R6 RGAGX

Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Portfolio Manager(s)

Donald O'Neal since 11-1993 Michael Kerr since 11-1998 J. Frank since 11-2001 Barry Crosthwaite since 11-2007 James Terrile since 11-2008 Lawrence Solomon since 05-2010 Martin Romo since 11-2010 Carl Kawaja since 11-2010 Mark Casey since 11-2012 Alan Wilson since 11-2012 Anne-Marie Peterson since 07-2013 Christopher Buchbinder since 11-2013

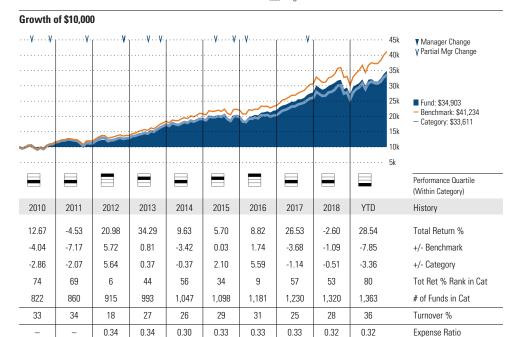
Quantitative Screens

Jody Jonsson since 03-2016

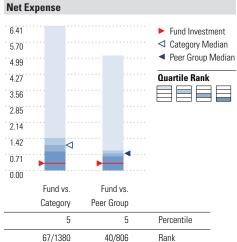
- Performance: The fund has finished in the Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 26.18 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.32 is 68.93% 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.







o rour mon monico			
	Fund	Bmark	Cat
Alpha	-2.49	_	-1.51
Beta	0.96	_	0.99
R-Squared	93.31	_	91.69
Standard Deviation	13.11	13.26	13.71
Sharpe Ratio	1.11	1.35	1.18
Tracking Error	3.44	_	3.96
Information Ratio	-1.14	_	-0.68
Up Capture Ratio	89.44	_	93.29
Down Capture Ratio	102.57	_	99.12

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.34	21.82	23.08
Price/Book Ratio	3.38	5.15	4.39
Geom Avg Mkt Cap \$B	50.19	55.71	72.96
ROE	17.38	27.80	23.94





American Funds Growth Fund of Amer R6 RGAGX

Morningstar Category

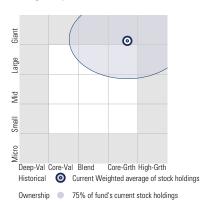
Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

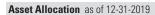
Equity

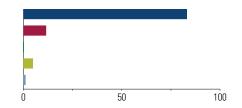
8	26	54	Large
1	4	6	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Asset Class	Net %	Cat%
US Stocks	82.96	92.03
Non-US Stocks	11.39	5.52
Bonds	0.04	0.03
Cash	4.69	1.85
Other	0.93	0.56
Total	100.00	100.00

	ctor Weighting as of 12-3		Б	0 .	-		_		. п	o .						
		Fund	Bmark	Cat	Fun	d	▼ Be	nchma	rk [Categ	ory Av	/erage				
<u></u>	Cyclical	27.01	25.63	29.58												
A	Basic Materials	1.77	1.09	1.72												
A	Consumer Cyclical	11.81	13.81	13.18				0 -								
æ	Financial Services	12.04	8.23	12.52]								
fi	Real Estate	1.39	2.50	2.16												
W	Sensitive	51.63	54.65	50.34												
d	Communication Services	18.84	11.61	15.02			,									
•	Energy	4.01	0.26	0.90			į									
Ф	Industrials	8.25	10.06	8.66			[]									
	Technology	20.53	32.72	25.76								1				
→	Defensive	21.37	19.73	20.06												
Ħ	Consumer Defensive	3.48	5.01	4.63		• []		1								
+	Healthcare	17.85	14.72	14.70			-		H							
•	Utilities	0.04	0.00	0.73	Ĭ											
					0%	5	10	15	20	25	30	35	40	45	50	55

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Facebook Inc A	5.58	5.58	56.57	Communication Svc
	5.28	10.86	57.12	Technology
○ Capital Group Central Cash Fund	5.08	15.94	_	_
Netflix Inc	4.64	20.58	20.89	Communication Svc
⊕ Amazon.com Inc	3.86	24.44	23.03	Consumer Cyclical
⊕ UnitedHealth Group Inc	3.37	27.81	19.67	Healthcare
⇒ Alphabet Inc Class C	2.28	30.09	29.10	Communication Svc
⊕ Broadcom Inc	1.94	32.03	28.68	Technology
	1.57	33.60	58.98	Financial Services
Charter Communications Inc A	1.47	35.07	70.22	Communication Svc
	1.38	36.45	28.18	Communication Svc
⊕ Abbott Laboratories	1.34	37.78	21.86	Healthcare
€ EOG Resources Inc	1.18	38.97	-2.79	Energy
	1.14	40.10	52.33	Technology
Berkshire Hathaway Inc A	1.11	41.21	10.98	Financial Services

Total Holdings 333

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



American Funds New World R6 RNWGX

Morningstar Category Diversified Emerging Mkts

Morningstar Index MSCI EM NR USD

Portfolio Manager(s)

Carl Kawaia since 06-1999 Robert Lovelace since 06-1999 Nicholas Grace since 01-2008 Wahid Butt since 01-2008 Christopher Thomsen since 01-2009 Winnie Kwan since 01-2009 Tomonori Tani since 10-2013 Jonathan Knowles since 01-2016 Bradford Freer since 01-2017 Lisa Thompson since 10-2019 Kirstie Spence since 12-2019

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 20.55 years.

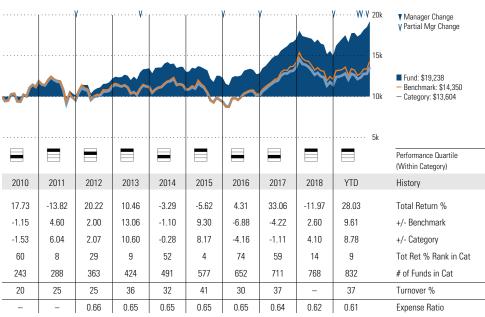
Style: The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.61 is 51.97% lower than the Diversified Emerging Mkts category average.

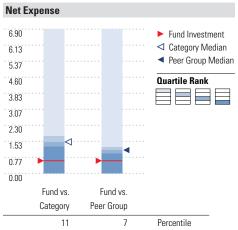
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







	90/843	32/470	Rank					
Peer grou	Peer group is a subset of the category and includes funds with the							
same management style (active vs. passive) and similar share class								
charactor	rietice							

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	5.30	_	0.32
Beta	0.74	_	0.90
R-Squared	89.52	_	88.31
Standard Deviation	11.26	14.37	13.84
Sharpe Ratio	1.11	0.71	0.68
Tracking Error	5.21	_	4.76
Information Ratio	0.56	_	-0.15
Up Capture Ratio	87.69	_	92.92
Down Capture Ratio	61.93	-	92.99

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.36	12.62	13.55
Price/Book Ratio	2.31	1.49	1.87
Geom Avg Mkt Cap \$B	20.17	19.61	20.39
ROE	19.75	17.14	20.22

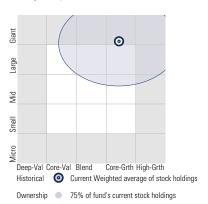


American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

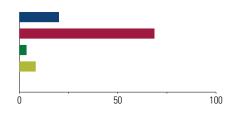
1. /			
11	25	49	Large
3	4	8	Mid
0	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

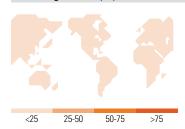
Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.00	0.88
Cash	8.12	1.42
Bonds	3.45	0.31
Non-US Stocks	68.51	95.28
US Stocks	19.92	2.11
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	▼ Ben	chmark	[] Ca	ategory	Averag	ge		
b	Cyclical	39.95	46.97	45.66									'
	Basic Materials	7.52	7.25	5.11									
P	Consumer Cyclical	12.39	12.42	12.85									
٥	Financial Services	17.84	24.19	25.25					[
b	Real Estate	2.20	3.11	2.45									
NF	Sensitive	39.88	40.94	39.34									
	Communication Services	9.39	12.24	11.14									
•	Energy	6.21	7.51	6.24		'							
þ	Industrials	8.29	5.41	5.59									
1	Technology	15.99	15.78	16.37									
+	Defensive	20.19	12.09	14.98									
=	Consumer Defensive	6.22	6.51	9.66									
ř	Healthcare	11.57	3.01	3.47									
?	Utilities	2.40	2.57	1.85									

World Regions % Equity 12-31-2019



	Fund %	Cat %
Greater Asia	39.84	68.98
Japan	5.90	0.12
Australasia	1.03	0.01
Asia-4 Tigers	8.04	23.07
Asia-ex 4 Tigers	24.87	45.78
Not Classified	0.00	0.00

Americas	Fund % 35.13	Cat % 15.26	Greater Europe	Fund % 25.04	Cat % 15.76	Market Maturity	Fund %
North America	23.64	1.60	United Kingdom	3.99	0.83	Developed Markets	59.32
Central/Latin	11.49	13.66	W euro-ex UK	16.54	1.77	Emerging Markets	40.68
			Emrgng Europe	2.47	7.34	Not Available	0.00
			Africa	2.04	5.82		

Top 10 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	7.87	7.87	-	_
Reliance Industries Ltd	2.11	9.98	35.61	Energy
Microsoft Corp	2.02	12.00	57.12	Technology
	1.85	13.85	52.33	Technology
Kotak Mahindra Bank Ltd	1.79	15.64	34.11	Financial Services
Mastercard Inc A	1.44	17.08	58.98	Financial Services
① Tencent Holdings Ltd	1.40	18.48	19.94	Communication Svc
⊕ HDFC Bank Ltd	1.39	19.87	20.86	Financial Services
	1.26	21.14	27.81	Financial Services
⊕ Facebook Inc A	1.24	22.37	56.57	Communication Svc

Total Holdings 535

⊕ 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 Jin Lee since 07-2014 Eric Stern since 11-2014 Brady Enright since 07-2016 Mark Casey since 07-2016

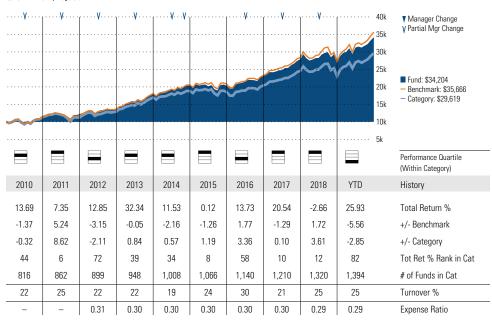
Quantitative Screens

- Performance: The fund has finished in the Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 22.52 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 0.29 is 67.42% lower than the Large Blend category average.

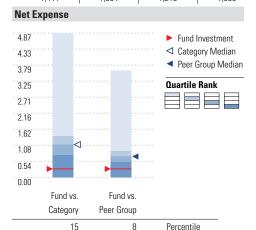
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







	205/1415	54/687	Rank	
Peer gr	oup is a subset of the	e category a	and includes fund	ds with the
same r	nanagement style (ac	tive vs. pas	sive) and similar	share class
charac	toristics			

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.08	-	-1.42
Beta	0.83	-	0.95
R-Squared	96.33	-	94.36
Standard Deviation	10.28	12.10	11.87
Sharpe Ratio	1.15	1.10	0.96
Tracking Error	2.82	-	2.89
Information Ratio	-0.49	-	-1.41
Up Capture Ratio	87.58	-	90.48
Down Capture Ratio	82.82	-	97.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.30	18.71	17.87
Price/Book Ratio	2.86	2.74	2.65
Geom Avg Mkt Cap \$B	92.42	73.09	97.84
ROE	22.96	21.80	22.01



M RNINGSTAR

205/1415

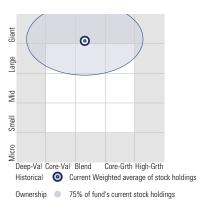
American Funds Washington Mutual R6 RWMGX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

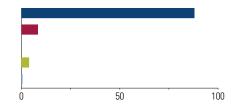
31	48	17	Laige
2	2	1	IVIIG
0	0	0	ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.32	1.50
Cash	3.72	0.74
Bonds	0.00	0.33
Non-US Stocks	8.16	3.02
US Stocks	87.81	94.41
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2019			
		Fund	Bmark	Cat	Fund • Benchmark [Category Average
Դ	Cyclical	28.19	30.72	31.94	
ė.	Basic Materials	3.05	2.30	2.67	
4	Consumer Cyclical	5.58	9.57	9.75	
	Financial Services	18.28	15.92	16.56	
ŧ	Real Estate	1.28	2.93	2.96	
NI	Sensitive	46.59	44.06	43.04	
	Communication Services	7.83	10.39	5.00	
	Energy	7.92	4.35	4.12	
þ	Industrials	14.07	9.54	11.72	
3	Technology	16.77	19.78	22.20	
→	Defensive	25.23	25.23	25.02	
Ę	Consumer Defensive	6.49	7.54	8.04	
1	Healthcare	15.88	14.37	14.11	
?	Utilities	2.86	3.32	2.87	
					0% 5 10 15 20 25 30 35 40 45 5

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.14	6.14	57.12	Technology
○ Capital Group Central Cash Fund	3.66	9.80	_	-
⊕ Broadcom Inc	3.26	13.07	28.68	Technology
⊕ Comcast Corp Class A	3.07	16.14	33.92	Communication Svc
⊕ UnitedHealth Group Inc	2.98	19.13	19.67	Healthcare
	2.81	21.93	30.22	Technology
⇒ Boeing Co	2.47	24.40	3.56	Industrials
	2.22	26.62	9.62	Financial Services
⊕ Northrop Grumman Corp	2.20	28.83	42.56	Industrials
	2.14	30.96	21.99	Healthcare
⊕ JPMorgan Chase & Co	2.11	33.08	46.18	Financial Services
	1.96	35.04	41.88	Financial Services
	1.87	36.91	28.71	Healthcare
The Home Depot Inc	1.81	38.72	30.26	Consumer Cyclical
→ PNC Financial Services Group Inc	1.75	40.48	40.13	Financial Services

Total Holdings 160

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



Delaware Small Cap Value R6 DVZRX

Morningstar Category

Small Value

Morningstar Index Russell 2000 Value TR USD

Portfolio Manager(s)

Christopher Beck since 05-1997 Steven Catricks since 07-2012 Kelley Carabasi since 07-2012 Kent Madden since 07-2012 Michael Foley since 07-2019

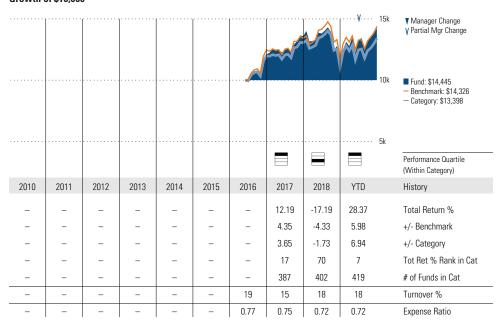
Quantitative Screens

- Performance: The fund has finished in the Small Value category's top three quartiles in 3 of the 3 years it's been in existence
- Management: The fund's management has been in place for 22.68 years.
- \times Style: The fund has landed in its primary style box Small Value 44.12 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.72 is 39.5% lower than the Small Value category average.

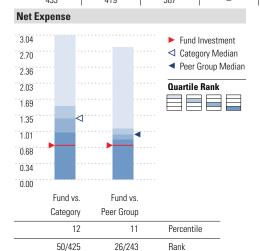
Morningstar Investment Management LLC Analysis

This fund fails our style screen but its portfolio positioning is consistent with the overall investment strategy.

Growth of \$10,000







3-Year KISK Welfics			
	Fund	Bmark	Cat
Alpha	1.21	_	-0.65
Beta	1.03	_	1.01
R-Squared	95.16	_	93.78
Standard Deviation	16.71	15.90	16.50
Sharpe Ratio	0.33	0.27	0.22
Tracking Error	3.70	_	4.17
Information Ratio	0.35	_	-0.20
Up Capture Ratio	106.31	_	96.86
Down Capture Ratio	101.19	-	100.05

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	18.52	18.01
Price/Book Ratio	_	1.45	1.65
Geom Avg Mkt Cap \$B	_	1.34	2.55
ROE	_	6.22	9.71





Delaware Small Cap Value R6 DVZRX

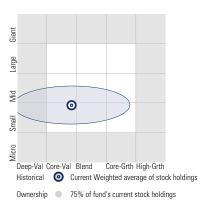
Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

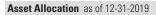
Equity

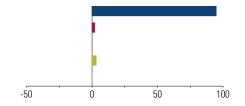
0	1	0	Large
17	17	7	MIG
32	20	6	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Asset Class	Net %	Cat%
US Stocks	94.79	95.56
Non-US Stocks	2.12	1.99
Bonds	0.00	-0.02
Cash	3.20	2.40
Other	-0.11	0.07
Total	100.00	100.00

Sec	ctor Weighting as of 12-	31-2019														
		Fund	Bmark	Cat	Fun	d	▼ Be	nchm	ark [Cate	gory Av	/erage				
Դ	Cyclical	52.51	54.20	54.18												1
A	Basic Materials	3.43	3.80	5.51		ľ [
A	Consumer Cyclical	10.18	9.43	12.07			<u> </u>									
F	Financial Services	29.80	27.32	26.72		- :										
fi	Real Estate	9.10	13.65	9.88				7								
W	Sensitive	37.69	31.12	33.57							- 1					
	Communication Services	2.27	2.40	1.45												
•	Energy	5.47	5.78	5.00		= ()										
Ф	Industrials	16.92	14.01	18.47				· ':	I [
	Technology	13.03	8.93	8.65												
→	Defensive	9.80	14.67	12.25												
Ħ	Consumer Defensive	2.83	3.27	4.05												
٠	Healthcare	1.75	5.48	4.44												
•	Utilities	5.22	5.92	3.76												
					0%	5	10	15	20	25	30	35	40	45	50	55

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
MasTec Inc	2.70	2.70	58.19	Industrials
East West Bancorp Inc	2.57	5.27	14.30	Financial Services
ITT Inc	2.22	7.49	54.34	Industrials
Hancock Whitney Corp	1.98	9.47	29.75	Financial Services
Webster Financial Corp	1.81	11.28	11.36	Financial Services
Teradyne Inc	1.70	12.97	118.45	Technology
Stifel Financial Corp	1.63	14.60	47.88	Financial Services
⊕ FNB Corp	1.61	16.21	33.94	Financial Services
The Hanover Insurance Group Inc	1.47	17.69	25.35	Financial Services
Western Alliance Bancorp	1.47	19.16	45.61	Financial Services
Outfront Media Inc	1.46	20.62	55.96	Real Estate
⊕ Umpqua Holdings Corp	1.38	22.00	16.60	Financial Services
Berry Global Group Inc	1.36	23.36	-0.08	Consumer Cyclical
Selective Insurance Group Inc	1.33	24.69	8.34	Financial Services
Black Hills Corp	1.33	26.02	28.37	Utilities

Total Holdings 112

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



DFA International Value I DFIVX

Morningstar Category Foreign Large Value

Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

Jed Fogdall since 02-2010 Bhanu Singh since 07-2015 Mary Phillips since 07-2015

Quantitative Screens

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

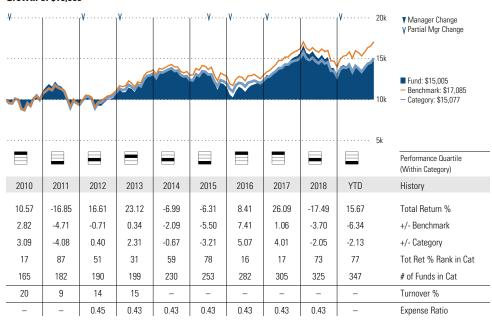
Management: The fund's management has been in place for 9.84 years.

Net Expense: The fund's expense ratio of 0.43 is 59.43% lower than the Foreign Large Value category average.

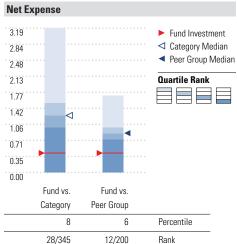
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-4.56	_	-3.36
Beta	1.19	_	1.05
R-Squared	92.65	_	90.79
Standard Deviation	13.59	10.96	12.06
Sharpe Ratio	0.40	0.73	0.43
Tracking Error	4.25	_	3.70
Information Ratio	-0.75	_	-0.91
Up Capture Ratio	105.93	_	94.15
Down Capture Ratio	135.77	_	115.74

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	13.50	16.19	14.35
Price/Book Ratio	0.98	1.58	1.42
Geom Avg Mkt Cap \$B	28.46	35.93	39.24
ROE	7.92	15.50	14.08

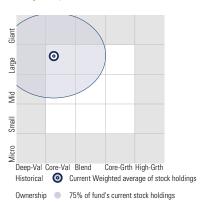


DFA International Value I DFIVX

Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

	22	3	Large
14	7	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

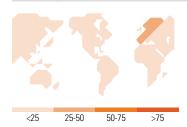
Asset Allocation as of 12-31-2019



		Fund	Bmark	Cat	Fund ▼ Benchmark
Ն Մ	Cyclical	61.00	39.28	44.01	
ů.	Basic Materials	12.06	7.04	8.65	
A	Consumer Cyclical	16.26	10.25	9.65	
÷	Financial Services	29.95	18.52	23.73	
ŧ	Real Estate	2.73	3.47	1.98	
M	Sensitive	29.29	33.39	36.34	
	Communication Services	4.56	6.00	8.43	Y
ð	Energy	13.12	5.13	8.56	
¢	Industrials	10.70	14.95	13.58	
	Technology	0.91	7.31	5.77	
→	Defensive	9.70	27.33	19.65	
	Consumer Defensive	4.10	11.20	7.05	
۲	Healthcare	4.56	12.53	9.36	
•	Utilities	1.04	3.60	3.24	

100

World Regions % Equity 12-31-2019



	Fund %	Cat %
Greater Asia	32.49	32.44
Japan	22.14	18.30
Australasia	6.43	3.35
Asia-4 Tigers	3.54	7.08
Asia-ex 4 Tigers	0.38	3.71
Not Classified	0.00	0.00

Americas	Fund % 9.19	Cat % 6.65	Greater Europe	Fund % 58.33	Cat % 60.91	Market Maturity	Fund %
North America	9.14	5.91	United Kingdom	15.20	20.33	Developed Markets	99.57
Central/Latin	0.05	0.74	W euro-ex UK	42.72	39.59	Emerging Markets	0.43
			Emrgng Europe	0.00	0.57	Not Available	0.00
			Africa	0.41	0.42		

Top 10 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Total SA	2.98	2.98	10.74	Energy
○ Toyota Motor Corp	2.01	4.99	23.85	Consumer Cyclical
→ Banco Santander SA	1.70	6.69	-0.33	Financial Services
	1.67	8.35	6.32	Energy
□ Daimler AG	1.52	9.88	14.62	Consumer Cyclical
⊕ Royal Dutch Shell PLC ADR Class A	1.52	11.39	7.67	Energy
○ Novartis AG	1.44	12.83	24.65	Healthcare
	1.43	14.25	41.97	Financial Services
	1.28	15.54	7.24	Financial Services
⊖ Bayer AG	1.21	16.75	21.40	Healthcare

Total Holdings 556

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



Federated Government Ultrashrt Dur R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index BBgBarc US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

❷ Performance: The fund has finished in the Ultrashort
Bond category's top three quartiles in 2 of the 3 years it's
been in existence.

Management: The fund's management has been in place for 22.49 years.

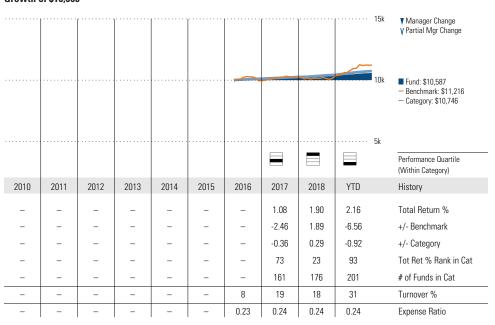
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.24 is 47.83% lower than the Ultrashort Bond category average.

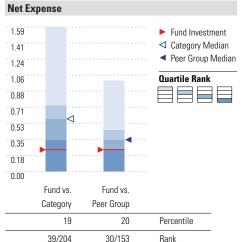
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







2-1 cai mon memos			
	Fund	Bmark	Cat
Alpha	1.57	_	1.88
Beta	0.03	-	0.04
R-Squared	16.08	_	16.38
Standard Deviation	0.24	2.91	0.40
Sharpe Ratio	0.00	0.80	0.86
Tracking Error	2.82	_	2.83
Information Ratio	-0.82	_	-0.70
Up Capture Ratio	18.37	_	23.27
Down Capture Ratio	-31.09	_	-33.04

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.38	4.43	0.89
Avg Eff Maturity	2.62	-	1.73



Federated Government Ultrashrt Dur R6 FGULX

Morningstar CategoryMorningsUltrashort BondBBgBarc U

Morningstar Index BBgBarc US Agg Bond TR USD

Style Analysis as of 12-31-2019 Style Breakdown

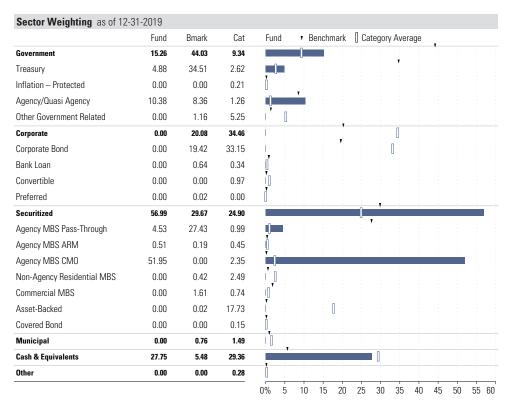




50



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	46.67
AA	0.00	74.59	12.35
A	0.00	10.82	22.65
BBB	0.00	8.32	14.09
BB	0.00	0.28	0.85
В	0.00	0.00	0.30
Below B	0.00	0.00	0.21
Not Rated	0.00	2.46	2.89



100

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bmocap Repo 5 Repo	01-2020	22.34	22.34	_
	01-2049	4.01	26.35	_
	01-2049	3.43	29.78	_
Government National Mortgage Association 0.82%	02-2065	3.33	33.11	_
	01-2065	3.21	36.32	-
	09-2046	2.72	39.04	_
Government National Mortgage Association 0.59%	09-2062	2.43	41.47	_
Government National Mortgage Association 0.74%	06-2062	2.32	43.78	_
	10-2046	2.23	46.02	_
	01-2047	2.14	48.16	_

Total Holdings 223

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



Invesco Oppenheimer Global R6 OGLIX

Morningstar Category World Large Stock Morningstar Index MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

John Delano since 03-2017

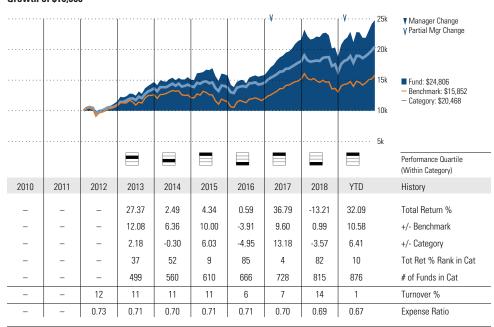
Quantitative Screens

- ❷ Performance: The fund has finished in the World Large
 Stock category's top three quartiles in 5 of the 7 years it's
 been in existence.
- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.67 is 39.64% lower than the World Large Stock category average.

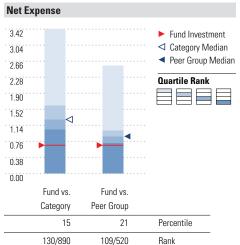
Morningstar Investment Management LLC Analysis

This fund is on watch due to a manager change. At the end of March 2019, longtime lead manager Rajeev Bhaman retired. Although his successor is experienced, Bhaman was key to the fund's long-term success. We are placing the fund on watch while we monitor how it fares under new management.

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	4.47	_	3.04
Beta	1.15	_	0.92
R-Squared	83.40	_	80.51
Standard Deviation	14.55	11.50	11.80
Sharpe Ratio	0.99	0.73	0.90
Tracking Error	6.19	_	5.47
Information Ratio	1.02	_	0.43
Up Capture Ratio	125.84	_	98.21
Down Capture Ratio	98.82	-	79.09

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.96	15.22	17.26
Price/Book Ratio	1.99	1.58	2.15
Geom Avg Mkt Cap \$B	34.93	30.69	39.85
ROE	15.97	15.65	18.92



On Watch

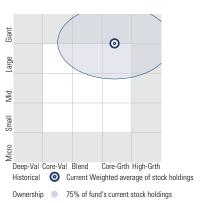
Invesco Oppenheimer Global R6 OGLIX

Morningstar Category World Large Stock

Morningstar Index MSCI ACWI Ex USA NR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

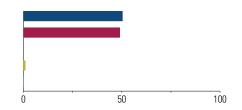
16	20	53	Large
0	4	4	Mid
0	0	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019





			Б	0 .	5 t
		Fund	Bmark	Cat	Fund Benchmark Category Average
<u></u>	Cyclical	32.80	42.26	34.69	
ė.	Basic Materials	0.61	7.28	3.90	
A	Consumer Cyclical	13.05	10.42	11.15	
,	Financial Services	16.49	21.37	17.52	
fi	Real Estate	2.65	3.19	2.12	
W	Sensitive	50.98	35.81	40.47	
	Communication Services	15.39	7.53	8.69	
•	Energy	0.00	6.74	3.64	
Ф	Industrials	12.92	11.96	12.40	
	Technology	22.67	9.58	15.74	, , , , , , , , , , , , , , , , , , ,
—	Defensive	16.21	21.94	24.84	
Ħ	Consumer Defensive	3.10	9.50	8.59	
+	Healthcare	13.11	9.15	13.34	
0	Utilities	0.00	3.29	2.91	

World Regions % Equity 12-31-2019



Greater Asia	Fund % 21.16	Cat % 15.75
Japan	14.55	6.05
Australasia	0.00	1.06
Asia-4 Tigers	0.00	3.63
Asia-ex 4 Tigers	6.61	5.01
Not Classified	0.00	0.00

Americas	Fund % 51.29	Cat % 59.05	Greater Europe	Fund % 27.55	Cat % 25.20	Market Maturity	Fund %
North America	50.71	58.07	United Kingdom	3.39	6.63	Developed Markets	92.81
Central/Latin	0.58	0.98	W euro-ex UK Emrgng Europe	24.16 0.00	17.91 0.28	Emerging Markets Not Available	7.19 0.00
			Africa	0.00	0.38		

op 10 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alphabet Inc A	7.37	7.37	28.18	Communication Svc
LVMH Moet Hennessy Louis Vuitton SE	4.34	11.71	62.82	Consumer Cyclical
Airbus SE	4.11	15.82	57.37	Industrials
S&P Global Inc	3.71	19.53	62.02	Financial Services
Adobe Inc	3.62	23.15	45.78	Technology
Facebook Inc A	3.52	26.67	56.57	Communication Svc
Intuit Inc	3.25	29.91	34.05	Technology
SAP SE	2.90	32.81	40.14	Technology
Anthem Inc	2.81	35.63	16.22	Healthcare
Kering SA	2.70	38.33	44.73	Consumer Cyclical

Total Holdings 70

⊕ Increase ⊕ Decrease
★ New to Portfolio

JPMorgan US Equity R6 JUEMX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

Susan Bao since 01-2001 Scott Davis since 08-2014 David Small since 07-2016

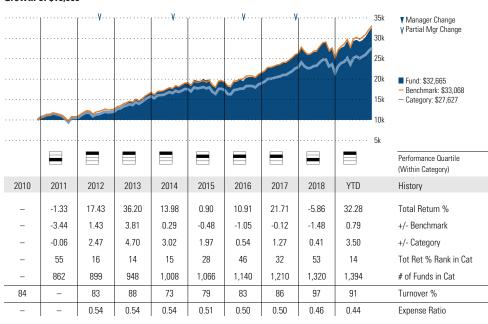
Quantitative Screens

- Q Performance: The fund has finished in the Large Blend category's top three quartiles in 9 of the 9 years it's been in existence.
- Management: The fund's management has been in place for 19.01 years.
- \times Style: The fund has landed in its primary style box Large Blend 22.86 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.44 is 50.56% lower than the Large Blend category average.

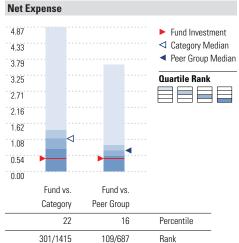
Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen owing to frequent drift into the growth column of our style box. We're not concerned about this matter, as the drift has been slight, and the portfolio still represents a core strategy.

Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-1.46	_	-1.42
Beta	1.08	_	0.95
R-Squared	98.62	_	94.36
Standard Deviation	13.20	12.10	11.87
Sharpe Ratio	0.99	1.10	0.96
Tracking Error	1.85	-	2.89
Information Ratio	-0.22	-	-1.41
Up Capture Ratio	102.91	-	90.48
Down Capture Ratio	109.94	-	97.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.53	18.71	17.87
Price/Book Ratio	2.62	2.74	2.65
Geom Avg Mkt Cap \$B	66.96	73.09	97.84
ROE	18.65	21.80	22.01



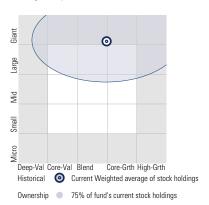
JPMorgan US Equity R6 JUEMX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

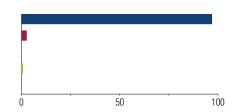
Equity

1. /			
18	37	35	Large
6	4	1	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2019

Total	100.00	100.00
Other	0.00	1.50
Cash	0.63	0.74
Bonds	0.00	0.33
Non-US Stocks	2.53	3.02
US Stocks	96.84	94.41
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2019			
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Դ	Cyclical	29.75	30.72	31.94	
æ.	Basic Materials	1.47	2.30	2.67	
A	Consumer Cyclical	11.34	9.57	9.75	
,	Financial Services	14.41	15.92	16.56	
侖	Real Estate	2.53	2.93	2.96	
W	Sensitive	45.05	44.06	43.04	
	Communication Services	12.03	10.39	5.00	
•	Energy	3.98	4.35	4.12	
Ф	Industrials	8.29	9.54	11.72	
	Technology	20.75	19.78	22.20	
→	Defensive	25.19	25.23	25.02	
Ħ	Consumer Defensive	5.07	7.54	8.04	
+	Healthcare	15.83	14.37	14.11	
•	Utilities	4.29	3.32	2.87	
					0% 5 10 15 20 25 30 35 40 45 50

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	5.99	5.99	57.12	Technology
⊕ Amazon.com Inc	4.50	10.49	23.03	Consumer Cyclical
⊕ Alphabet Inc A	3.85	14.35	28.18	Communication Svc
	3.33	17.68	88.09	Technology
Mastercard Inc A	3.11	20.79	58.98	Financial Services
⊕ Coca-Cola Co	2.74	23.53	20.27	Consumer Defensive
① UnitedHealth Group Inc	2.55	26.07	19.67	Healthcare
	2.22	28.29	55.42	Real Estate
Verizon Communications Inc	2.21	30.50	13.52	Communication Svc
Norfolk Southern Corp	2.14	32.65	32.23	Industrials
Northrop Grumman Corp	2.13	34.77	42.56	Industrials
⊕ Salesforce.com Inc	2.12	36.89	18.74	Technology
⊕ Texas Instruments Inc	1.91	38.80	39.15	Technology
	1.84	40.64	62.84	Technology
NextEra Energy Inc	1.81	42.45	42.19	Utilities

Total Holdings 134

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



MFS Instl International Equity MIEIX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

Daniel Ling since 10-2009 Filipe Benzinho since 05-2016

Quantitative Screens

✓ Performance: The fund has finished in the Foreign Large
Growth category's top three quartiles in 9 of the 10 years
it's been in existence.

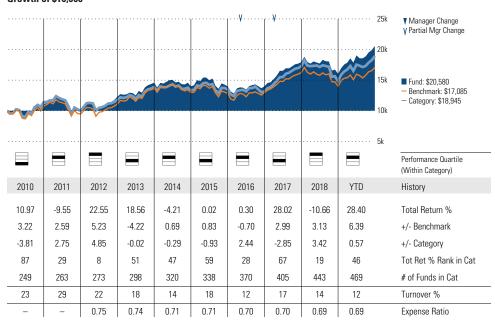
Management: The fund's management has been in place for 10.25 years.

✓ Net Expense: The fund's expense ratio of 0.69 is 37.84% lower than the Foreign Large Growth category average.

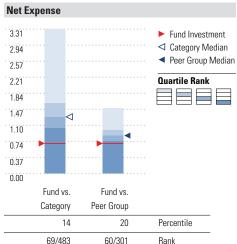
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	4.04	_	2.84
Beta	0.97	_	1.03
R-Squared	93.44	_	-
Standard Deviation	10.95	10.96	12.25
Sharpe Ratio	1.07	0.73	0.89
Tracking Error	2.83	_	4.87
Information Ratio	1.45	_	0.66
Up Capture Ratio	107.60	_	105.20
Down Capture Ratio	81.55	_	83.81

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.71	16.19	17.86
Price/Book Ratio	2.08	1.58	2.37
Geom Avg Mkt Cap \$B	36.95	35.93	31.37
ROE	20.23	15.50	19.30



MFS Instl International Equity MIEIX

Morningstar Category Foreign Large Growth MSCI EAFE NR USD

Morningstar Index

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

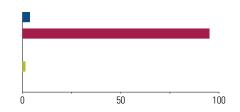
Equity

1. /			
16	43	35	Laige
1	4	1	MIN
0	0	0	JIIaii
/alue	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

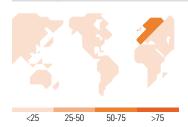
Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.00	0.35
Cash	1.36	3.11
Bonds	0.00	0.04
Non-US Stocks	95.03	88.07
US Stocks	3.61	8.42
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2019											
		Fund	Bmark	Cat	Fund	•	Benchma	rk [] C	ategory	Average			,
<u></u>	Cyclical	29.08	39.28	33.28									
A.	Basic Materials	7.77	7.04	4.88									
A	Consumer Cyclical	6.68	10.25	11.14									
,	Financial Services	14.63	18.52	16.24					*				
æ	Real Estate	0.00	3.47	1.02		*							
W	Sensitive	33.81	33.39	39.60									[
d	Communication Services	3.46	6.00	6.61									
ð	Energy	2.75	5.13	2.59									
¢	Industrials	16.58	14.95	15.08									
	Technology	11.02	7.31	15.32			7						
→	Defensive	37.11	27.33	27.11									
=	Consumer Defensive	17.27	11.20	12.65									
٠	Healthcare	18.78	12.53	13.24									
•	Utilities	1.06	3.60	1.22		1							
					0%	5	10	15	20	25	30	35	40

World Regions % Equity 12-31-2019



Greater Asia	Fund % 24.47	Cat % 31.55
Japan	14.75	13.98
Australasia	0.00	2.07
Asia-4 Tigers	5.75	6.36
Asia-ex 4 Tigers	3.97	9.14
Not Classified	0.00	0.00

Americas	Fund % 7.53	Cat % 15.11	Greater Europe	Fund % 67.99	Cat % 53.32	Market Maturity	Fund %
North America	6.96	13.03	United Kingdom	12.70	11.74	Developed Markets	95.46
Central/Latin	0.57	2.08	W euro-ex UK	55.29	40.44	Emerging Markets	4.54
			Emrgng Europe	0.00	0.45	Not Available	0.00
			Africa	0.00	0.69		

Top 10 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Nestle SA	3.88	3.88	34.37	Consumer Defensive
	3.17	7.04	32.58	Healthcare
	2.88	9.93	57.15	Industrials
	2.79	12.72	27.81	Financial Services
	2.72	15.43	30.45	Basic Materials
⊖ Hoya Corp	2.67	18.11	59.33	Healthcare
SAP SE	2.57	20.68	40.14	Technology
	2.19	22.87	21.59	Technology
○ LVMH Moet Hennessy Louis Vuitton SE	2.09	24.96	62.82	Consumer Cyclical
⊕ Bayer AG	2.04	27.00	24.85	Healthcare

Total Holdings 80

⊕ 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)

Kenneth Turek since 01-2003 Trevor Moreno since 01-2020 Chad Bruso since 01-2020

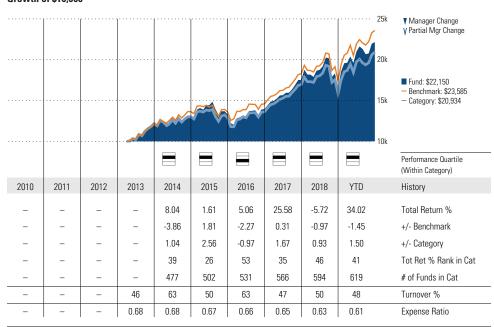
Quantitative Screens

- Q Performance: The fund has finished in the Mid-Cap
 Growth category's top three quartiles in 6 of the 6 years it's
 been in existence.
- Management: The fund's management has been in place for 16.93 years.
- ✓ Net Expense: The fund's expense ratio of 0.61 is
 46.49% lower than the Mid-Cap Growth category average.

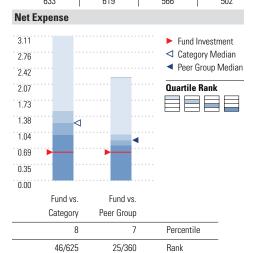
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-1.40	_	-0.72
Beta	1.05	_	1.00
R-Squared	97.34	_	90.58
Standard Deviation	15.02	14.07	14.79
Sharpe Ratio	0.99	1.09	1.00
Tracking Error	2.56	_	4.59
Information Ratio	-0.28	_	-0.37
Up Capture Ratio	100.66	_	97.18
Down Capture Ratio	106.95	_	101.27

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	28.68	24.43	24.72
Price/Book Ratio	4.88	4.75	4.01
Geom Avg Mkt Cap \$B	8.18	11.70	9.33
ROE	14.93	21.26	18.42



Neuberger Berman Mid Cap Growth R6 NRMGX

Morningstar Category

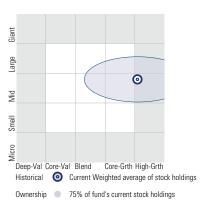
Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

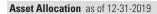
Equity

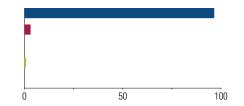
0	9	22	Large
3	14	50	MIG
0	0	2	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.29
Cash	0.63	2.72
Bonds	0.00	0.04
Non-US Stocks	2.95	4.34
US Stocks	96.42	92.62
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2019			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	23.11	26.18	32.14	
A	Basic Materials	0.27	1.55	2.57	
A	Consumer Cyclical	13.27	14.62	14.61	
æ	Financial Services	7.09	6.59	10.14	
命	Real Estate	2.48	3.42	4.82	_ '0
W	Sensitive	55.14	53.74	43.99	
	Communication Services	6.01	5.14	3.26	
•	Energy	0.71	1.23	1.38	
Ф	Industrials	18.83	18.51	16.02	
	Technology	29.59	28.86	23.33	
-	Defensive	21.75	20.08	23.88	
Ħ	Consumer Defensive	2.96	4.87	2.88	
٠	Healthcare	18.28	15.21	20.38	
•	Utilities	0.51	0.00	0.62	i i i i i i i i i i i i i i i i i i i
					0% 5 10 15 20 25 30 35 40 45 50 55 6

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Advanced Micro Devices Inc	2.67	2.67	148.43	Technology
Global Payments Inc	2.50	5.16	77.24	Industrials
○ CDW Corp	2.05	7.22	77.80	Technology
CoStar Group Inc	2.05	9.26	77.36	Real Estate
Fiserv Inc	1.90	11.16	57.34	Financial Services
Cintas Corp	1.84	13.00	61.69	Industrials
Burlington Stores Inc	1.72	14.72	40.18	Consumer Cyclical
Bright Horizons Family Solutions Inc	1.67	16.38	34.85	Consumer Cyclical
Motorola Solutions Inc	1.65	18.03	42.12	Technology
Roper Technologies Inc	1.65	19.68	33.60	Industrials
⇒ Bio-Rad Laboratories Inc	1.58	21.26	59.34	Healthcare
Veeva Systems Inc Class A	1.56	22.83	57.48	Healthcare
Amphenol Corp Class A	1.55	24.38	34.77	Technology
Keysight Technologies Inc	1.54	25.92	65.32	Technology
AMETEK Inc	1.53	27.46	48.15	Industrials

Total Holdings 104

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



Neuberger Berman Real Estate R6 NRREX

Morningstar Category Real Estate

Morningstar Index

S&P United States REIT TR USD

Portfolio Manager(s)

Steve Shigekawa since 12-2005 Brian Jones since 10-2008

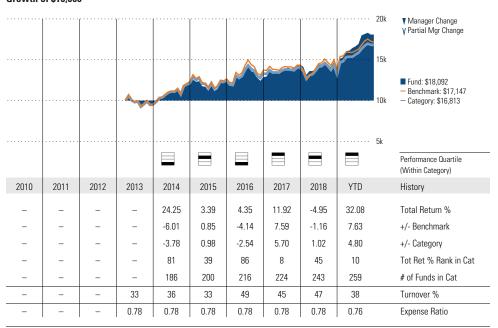
Quantitative Screens

- Performance: The fund has finished in the Real Estate category's top three quartiles in 4 of the 6 years it's been in existence.
- Management: The fund's management has been in place for 14.01 years.
- × Style: The fund has landed in its primary style box Mid-Cap Growth — 62.86 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.76 is 33.33% lower than the Real Estate category average.

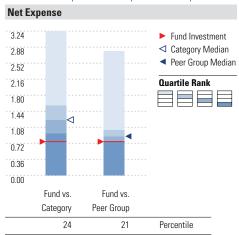
Morningstar Investment Management LLC Analysis

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

Growth of \$10,000







27/133 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	5.08	_	1.34
Beta	0.85	_	0.90
R-Squared	87.79	_	91.49
Standard Deviation	11.05	12.25	11.65
Sharpe Ratio	0.93	0.53	0.62
Tracking Error	4.30	_	3.36
Information Ratio	1.00	_	0.12
Up Capture Ratio	95.31	_	91.59
Down Capture Ratio	58.25	-	81.03

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	32.99	38.46	36.08
Price/Book Ratio	2.60	2.42	2.60
Geom Avg Mkt Cap \$B	13.06	9.35	11.72
ROE	9.48	9.56	11.65



61/259

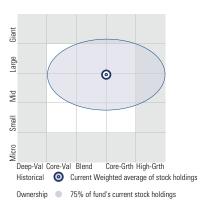
Neuberger Berman Real Estate R6 NRREX

Morningstar Category Morningstar Index Real Estate

S&P United States REIT TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

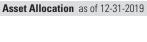
Equity

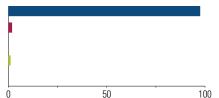
1. /			
2	20	25	Large
7	30	14	Mid
1	0	1	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	3.47
Cash	0.91	2.25
Bonds	0.00	3.30
Non-US Stocks	1.68	0.72
US Stocks	97.41	90.28
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Ве	enchma	rk	[] C	ateg	ory A	4ver	rage			
ŀ	Cyclical	98.82	99.13	99.27													
	Basic Materials	0.00	0.00	0.02													
	Consumer Cyclical	1.64	0.13	0.63	Ò												
ì	Financial Services	1.70	0.00	0.12													
1	Real Estate	95.48	99.00	98.50								•			•		
1	Sensitive	1.18	0.87	0.64	ď												
	Communication Services	0.00	0.00	0.02													
	Energy	0.00	0.00	0.02													
	Industrials	0.00	0.87	0.08	[
	Technology	1.18	0.00	0.52	j												
	Defensive	0.00	0.00	0.08													
	Consumer Defensive	0.00	0.00	0.00													
	Healthcare	0.00	0.00	0.04													
i	Utilities	0.00	0.00	0.04	í												

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
American Tower Corp	8.91	8.91	47.67	Real Estate
⊕ Equinix Inc	5.51	14.43	68.35	Real Estate
⊕ Crown Castle International Corp	4.98	19.40	35.07	Real Estate
⊕ Equity Residential	4.67	24.07	26.03	Real Estate
○ Prologis Inc	3.89	27.97	55.42	Real Estate
⊕ SBA Communications Corp	3.78	31.75	49.32	Real Estate
Essex Property Trust Inc	3.70	35.44	25.88	Real Estate
⊕ American Homes 4 Rent Class A	3.59	39.04	33.05	Real Estate
⊕ Public Storage	3.55	42.58	9.16	Real Estate
→ Weyerhaeuser Co	3.43	46.01	44.37	Real Estate
Douglas Emmett Inc	3.09	49.10	31.73	Real Estate
Welltower Inc ■ Welltower Inc Wel	3.08	52.18	22.84	Real Estate
⊕ Healthpeak Properties Inc	2.96	55.15	28.71	Real Estate
⊖ Equity Lifestyle Properties Inc	2.90	58.05	47.46	Real Estate
⊕ National Retail Properties Inc	2.65	60.70	14.72	Real Estate

Total Holdings 38

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



PGIM Jennison Small Company R6 PJSQX

Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Portfolio Manager(s)

John Mullman since 05-2000 Jason Swiatek since 11-2013 Jonathan Shapiro since 07-2018

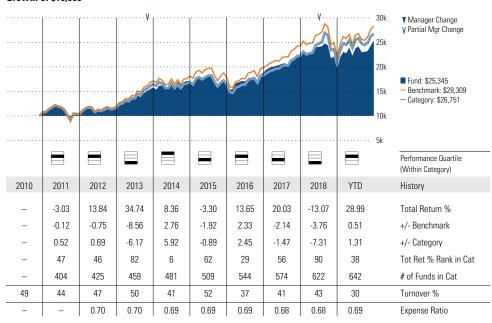
Quantitative Screens

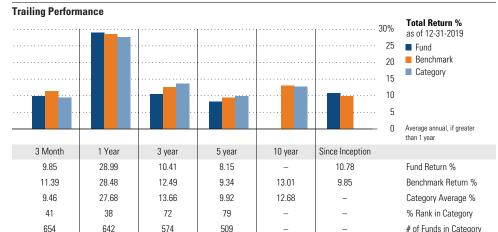
- Performance: The fund has finished in the Small Growth category's top three quartiles in 7 of the 9 years it's been in
- Management: The fund's management has been in place for 19.67 years.
- × Style: The fund has landed in its primary style box Small Growth — 37.14 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.69 is 43.44% lower than the Small Growth category average.

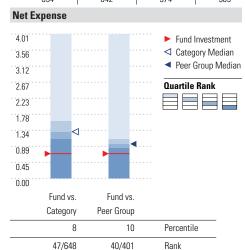
Morningstar Investment Management LLC Analysis

This fund fails our style screen due to edging up into midcap territory but its portfolio positioning is consistent with the overall investment strategy.

Growth of \$10,000







3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.60	_	2.04
Beta	0.89	_	0.95
R-Squared	93.65	_	90.99
Standard Deviation	15.19	16.60	16.64
Sharpe Ratio	0.62	0.69	0.78
Tracking Error	4.28	-	4.99
Information Ratio	-0.49	-	0.28
Up Capture Ratio	87.39	-	99.40
Down Capture Ratio	90.36	-	90.07

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.87	24.72	25.39
Price/Book Ratio	2.12	3.88	3.65
Geom Avg Mkt Cap \$B	2.55	1.66	2.80
ROE	10.83	10.22	9.63



PGIM Jennison Small Company R6 PJSQX

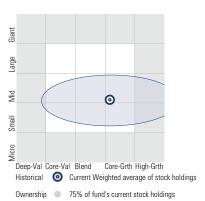
Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

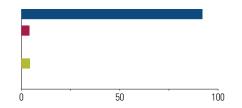
Equity

. ,			
0	1	1	Large
12	20	25	Mid
9	21	10	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.00	0.46
Cash	4.17	2.78
Bonds	0.00	0.00
Non-US Stocks	3.90	3.17
US Stocks	91.93	93.58
Asset Class	Net %	Cat%

Sector Weighting as of 1	2-31-2019			
	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
b Cyclical	46.04	23.92	27.52	
Basic Materials	6.43	3.46	2.94	
Consumer Cyclical	10.71	10.05	11.52	
Financial Services	15.51	5.81	9.38	
Real Estate	13.39	4.60	3.68	
✓ Sensitive	33.50	39.68	44.67	
Communication Services	0.99	2.66	2.17	
Energy	4.16	0.65	1.39	
Industrials	14.72	19.13	18.12	
Technology	13.63	17.24	22.99	
→ Defensive	20.46	36.39	27.81	
Consumer Defensive	4.69	4.36	4.91	
Healthcare	12.08	30.52	21.76	
Utilities	3.69	1.51	1.14	
				0% 5 10 15 20 25 30 35 40 45

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Pgim Core Ultra Short Bond Fund	4.29	4.29	_	_
→ Pinnacle Financial Partners Inc	3.20	7.49	40.22	Financial Services
→ WPX Energy Inc Class A	2.69	10.18	21.06	Energy
○ CDW Corp	2.38	12.56	77.80	Technology
Gaming and Leisure Properties Inc	2.36	14.92	41.72	Real Estate
East West Bancorp Inc	2.33	17.25	14.30	Financial Services
BankUnited Inc	2.33	19.58	24.92	Financial Services
Summit Materials Inc A	2.24	21.82	92.74	Basic Materials
→ Performance Food Group Co	2.23	24.05	59.53	Consumer Defensive
HubSpot Inc	2.07	26.12	26.06	Technology
Mobile Mini Inc	2.06	28.18	22.87	Industrials
⊕ Rexnord Corp	2.02	30.20	42.14	Industrials
⊕ Saia Inc	1.86	32.06	66.82	Industrials
Steven Madden Ltd	1.82	33.88	44.02	Consumer Cyclical
→ MFA Financial Inc	1.68	35.56	26.50	Real Estate

Total Holdings 117

⊕ 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)

Nicholas Johnson since 01-2015 Greg Sharenow since 11-2018 Stephen Rodosky since 01-2019

Quantitative Screens

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

Management: The fund's management has been in place for 5 years.

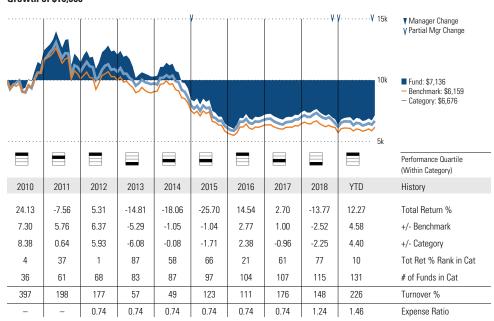
Style Consistency is not calculated for Fixed Income funds.

× Net Expense: The fund's expense ratio of 1.46 is 25.86% higher than the Commodities Broad Basket category average.

Morningstar Investment Management LLC Analysis

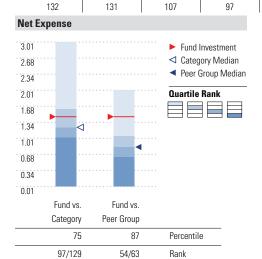
This fund fails the expense screen. However, that failure is due to a new fee calculation methodology that incorporates costs that are not an additional charge to shareholders. As a result, we do not regard the failure as significant.

Growth of \$10,000



Trailing Performance Total Return % as of 12-31-2019 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 6.20 12.27 -0.20 -3.29 -3.322.48 4.42 7.69 -0.94 -3.92 -4.73 1.89 Benchmark Return % 4 93 7 87 -0.15 -3.30 -5 04 Category Average % 21 10 47 47 19 % Rank in Category

36



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	0.91	_	1.04
Beta	1.11	_	1.02
R-Squared	96.18	_	76.84
Standard Deviation	9.75	8.58	10.31
Sharpe Ratio	-0.15	-0.27	-0.16
Tracking Error	2.14	_	5.01
Information Ratio	0.35	_	-0.02
Up Capture Ratio	116.93	_	114.72
Down Capture Ratio	109.04	_	106.23

Fund	Bmark	Cat
12.32	_	17.61
1.51	_	2.09
20.09	_	34.02
16.78	_	11.39
	12.32 1.51 20.09	12.32 – 1.51 – 20.09 –



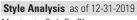
of Funds in Category

PIMCO Commodity Real Ret Strat Instl PCRIX

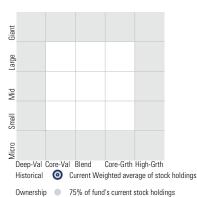
Morningstar CategoryCommodities Broad Basket Bloomb

Morningstar Index

Bloomberg Commodity TR USD







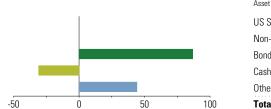
Style Breakdown



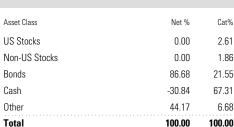


Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2019



Sec	ctor Weighting as of 12-	31-2019							
		Fund	Bmark	Cat	Fund	▼ Benchmark	Catego	ory Average	
<u></u>	Cyclical	64.28	_	28.58					
æ.	Basic Materials	7.14	_	3.32					
A	Consumer Cyclical	7.14	-	11.36					
,	Financial Services	14.29	-	13.90					
fi	Real Estate	35.71	_	0.00					
W	Sensitive	28.57	_	43.42					
d	Communication Services	7.14	_	8.71					
•	Energy	0.00	_	4.66	į [
Ф	Industrials	7.14	_	14.64					
	Technology	14.29	_	15.41					
-	Defensive	7.14	-	28.00					
Ħ	Consumer Defensive	7.14	_	7.30					
+	Healthcare	0.00	_	13.54					
0	Utilities	0.00	_	7.16	i I				

A.I.	0/ 11 .	0 1 2 6	VED D	
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Euro Schatz Dec19	29.72	29.72	_	_
Pimco Cayman Cmdty Fd Ltd Instl	26.94	56.66	_	-
─ United States Treasury Notes 0.12%	20.99	77.64	_	_
→ Offset: Unsettled Trades	20.89	98.53	_	_
→ Federal National Mortgage Association 4%	10.29	108.82	-	-
☆ CashOffSet	10.18	119.00	_	_
⊕ Euro BUND Future Dec19	10.13	129.13	_	_
⊕ Trs R 2.17/912828k33 Myc	9.92	139.04	_	-
⊕ United States Treasury Bonds 2.38%	8.18	147.22	_	_
→ Federal National Mortgage Association 3.5%	7.94	155.16	-	-
⊕ Euro OAT Dec19	7.68	162.84	_	_
⊕ Irs Usd 1.75000 09/12/24-5y Cme	7.61	170.45	_	_
Irs Usd 2.40000 03/16/21-5y Cme	7.59	178.04	_	-
⊕ Irs Usd 1.75000 09/12/24-5y Cme	7.58	185.62	_	-
Irs Usd 2.25000 12/20/17-5y Cme	7.56	193.18	_	_

Total Holdings 890

⊕ 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 12.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 1.05 is 1.87% lower than the Multisector Bond category average.

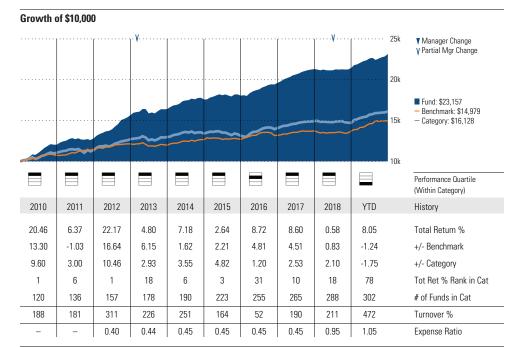
Morningstar Investment Management LLC Analysis

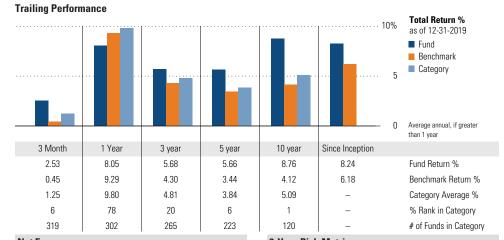
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

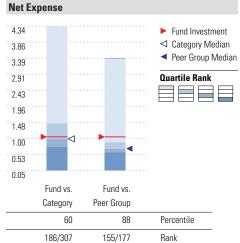
Morningstar Category Multisector Bond

Morningstar Index

BBgBarc US Universal TR USD







3-Year KISK Welfics			
	Fund	Bmark	Cat
Alpha	4.70	_	2.79
Beta	0.20	_	0.45
R-Squared	7.80	_	24.51
Standard Deviation	1.92	2.66	2.78
Sharpe Ratio	1.97	0.97	1.17
Tracking Error	2.81	_	2.89
Information Ratio	0.49	_	0.16
Up Capture Ratio	80.94	_	83.38
Down Capture Ratio	-43.81	_	16.57

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.41	4.55	4.06
Avg Eff Maturity	2.12	7.69	6.86



PIMCO Income Insti PIMIX

Style Analysis as of 12-31-2019
Style Breakdown
Fixed Income

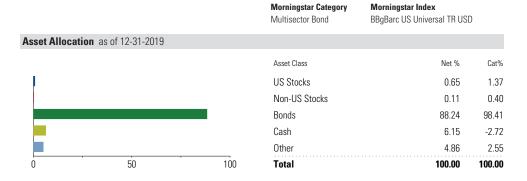
Quality

G

C

Ltd Mod Ext
Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	56.00	67.64	24.83
AA	7.00	3.23	4.63
A	4.00	10.03	10.28
BBB	14.00	10.89	20.84
BB	6.00	3.19	16.67
В	7.00	3.64	12.28
Below B	6.00	1.38	4.98
Not Rated	0.00	0.00	5.50



		ъ .	0 .				По				
	Fund	Bmark	Cat	Fund	, T	Benchmark	[] Categ	ory Average	9		
Government	23.47	-	23.70			:	:	:	U		
Treasury	3.51	-	10.13			į.					
Inflation - Protected	1.30	_	1.46								
Agency/Quasi Agency	0.20	_	0.85	1							
Other Government Related	18.46	_	11.26								
Corporate	8.54	-	30.65							[
Corporate Bond	5.63	_	26.06								
Bank Loan	1.31	_	2.60								
Convertible	1.59	_	1.57								
Preferred	0.01	_	0.42								
Securitized	28.58	-	32.24					:			
Agency MBS Pass-Through	13.12	_	10.84								
Agency MBS ARM	0.00	_	0.03	ĺ							
Agency MBS CMO	0.63	_	3.78								
Non-Agency Residential MBS	3.09	_	3.14		(
Commercial MBS	0.35	_	0.94								
Asset-Backed	11.38	_	13.49			;					
Covered Bond	0.01	_	0.02								
Municipal	0.06	-	0.86	[]							
Cash & Equivalents	26.46	_	11.89								
Other	11.03	-	0.24								
				0%	5	10	15	20	25	30	3!

Top 10 Holdings as of 12-31-2019				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Irs Usd 3.00000 06/19/19-5y Cme	06-2024	14.19	14.19	_
lrs Jpy 0.45000 03/20/19-10y Lch	03-2029	14.02	28.21	-
⊕ Irs Jpy 0.45000 03/20/19-10y Lch	03-2029	13.38	41.59	_
⊕ Irs Usd 3.00000 06/19/19-5y Cme	06-2024	13.29	54.88	-
Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.32	67.20	_
⊕ Irs Eur 0.00000 08/19/19-2y Lch	08-2021	12.22	79.42	_
⊕ Fin Fut Us 5yr Cbt 12/31/19	01-2020	9.67	89.08	_
Cirs Usd 4y Mat 3.85/2.00% M 7/2020 Dub	07-2022	7.75	96.84	_
Cirs Usd 4y Mat 3.82/2.00% M 7/2020 Glm	07-2022	7.75	104.59	_
Cirs Usd 4y Mat 3.82/2.00% M 6/2020 Myc	06-2022	7.75	112.34	_

⊕ Increase ⊖ Decrease ※ New to Portfolio

Total Holdings 7556



PIMCO Real Return Instl PRRIX

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

Portfolio Manager(s)

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

Quantitative Screens

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

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

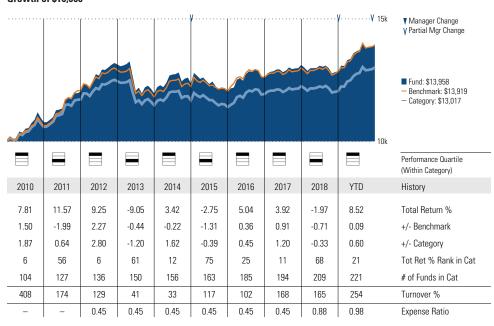
Style Consistency is not calculated for Fixed Income funds.

× Net Expense: The fund's expense ratio of 0.98 is 40% higher than the Inflation-Protected Bond category average.

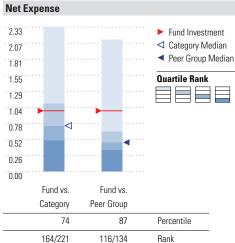
Morningstar Investment Management LLC Analysis

In mid-December 2019, PIMCO announced that longtime lead manager Mihir Worah would be retiring in March of 2020. Although the fund benefits from PIMCO's extensive resources and the current managers are experienced (but new to the team) we believe the fund merits watch status while we closely monitor its results after Worah's departure. This fund fails our expense screen. However, that is due to reporting requirements concerning costs that are incurred by executing the strategy and are already reflected in the fund's pre-expense returns. Based on previous calculation rules, the fund's expenses are comparable with other offerings in its share class.

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.32	_	0.11
Beta	0.93	_	0.77
R-Squared	94.16	_	80.07
Standard Deviation	2.87	3.00	2.67
Sharpe Ratio	0.59	0.54	0.34
Tracking Error	0.73	_	1.39
Information Ratio	0.12	_	-0.70
Up Capture Ratio	96.35	_	78.88
Down Capture Ratio	88.85	_	77.28

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.63	4.52	8.03
Avg Eff Maturity	8.31	-	8.71



On Watch

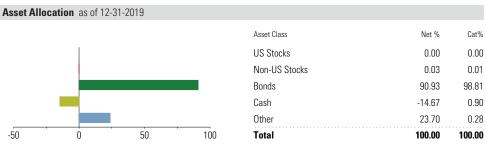
PIMCO Real Return Instl PRRIX

Morningstar Category Inflation-Protected Bond

Morningstar Index BBgBarc US Treasury US TIPS TR USD



	Breako	lown						
Fixed I	ncome		Quality					
			High					
			Mid					
			Low					
Ltd Durati	Mod on	Ext			-50	 0	50	100



One did Dediese Described	Freed	Describ	0-4
Credit Rating Breakdown	Fund	Bmark	Cat
AAA	49.00	0.00	88.04
AA	32.00	99.60	3.84
A	9.00	0.00	2.34
BBB	7.00	0.00	3.51
BB	1.00	0.00	0.61
В	1.00	0.00	0.19
Below B	1.00	0.00	0.15
Not Rated	0.00	0.40	1.32

						П	
	Fund	Bmark	Cat	Fund	 Benchmark 	Category Average	
Government	64.93	99.20	85.64				
Treasury	0.31	0.00	0.31	Ó			
Inflation – Protected	41.34	99.20	80.65				
Agency/Quasi Agency	0.08	0.00	0.11	Ď			
Other Government Related	23.20	0.00	4.57				
Corporate	2.04	0.00	2.43				
Corporate Bond	1.79	0.00	2.33				
Bank Loan	0.00	0.00	0.05	<u> </u>			
Convertible	0.25	0.00	0.05	į			
Preferred	0.00	0.00	0.00	į i			
Securitized	16.49	0.00	6.06				
Agency MBS Pass-Through	10.19	0.00	2.27				
Agency MBS ARM	0.01	0.00	0.00	i i			
Agency MBS CMO	0.47	0.00	0.57				
Non-Agency Residential MBS	1.10	0.00	0.58	Ō			
Commercial MBS	0.23	0.00	0.28	ĺ			
Asset-Backed	3.20	0.00	2.14	•0			
Covered Bond	1.29	0.00	0.22	Ŏ			
Municipal	0.00	0.00	0.00	Ĭ.			
Cash & Equivalents	7.50	0.80	4.63				
Other	8.42	0.00	1.13				

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

Top 10 Holdings as of 12-31-2019				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Euro Schatz Dec19	12-2019	28.64	28.64	_
① Offset: Unsettled Trades	_	21.19	49.82	-
⊕ US 10 Year Note (CBT) Dec19	12-2019	9.42	59.25	-
⊕ Federal National Mortgage Association 3.5%	11-2049	8.18	67.42	-
① United States Treasury Bonds 3.62%	04-2028	7.89	75.31	-
○ United States Treasury Bonds 2.38%	01-2025	6.54	81.85	-
⊕ Euro OAT Dec19	12-2019	6.19	88.04	-
⊕ Iro Usd 1y C 1.50000 M 03/10/20 Dub	03-2020	5.97	94.01	-
⊕ Iro Usd 1y C 1.50000 M 03/10/20 Boa	03-2020	5.78	99.78	-
① United States Treasury Bonds 1.38%	02-2044	5.71	105.49	_

Total Holdings 1020

⊕ 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)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

Quantitative Screens

Performance: The fund has finished in the Target-Date 2000-2010 category's top three quartiles in 4 of the 4 years it's been in existence.

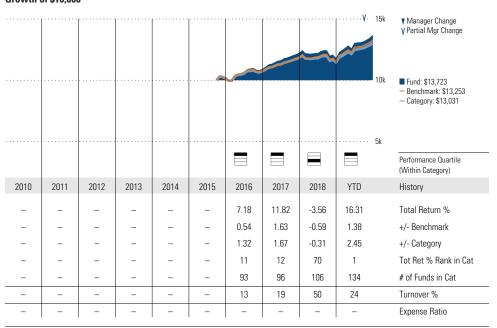
Management: The fund's management has been in place for 4.26 years.

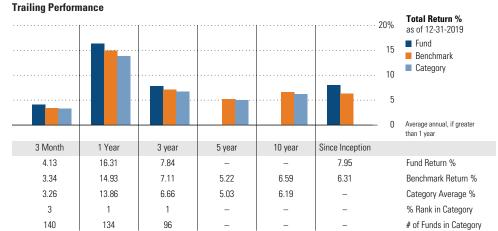
Net Expense: The fund's expense ratio of 0.4 is 35.48% lower than the Target-Date 2000-2010 category average.

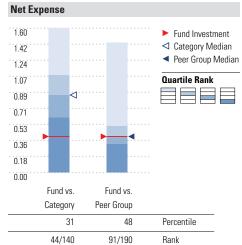
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.19	_	0.02
Beta	1.07	_	0.93
R-Squared	97.66	_	95.41
Standard Deviation	4.99	4.59	4.37
Sharpe Ratio	1.19	1.15	1.10
Tracking Error	0.83	_	1.03
Information Ratio	0.88	_	-0.39
Up Capture Ratio	108.23	_	93.13
Down Capture Ratio	104.50	-	92.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	17.89	18.08
Price/Book Ratio	_	2.19	2.26
Avg Eff Duration	4.34	-	5.85

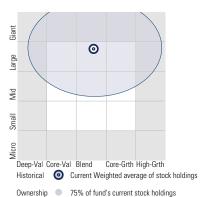


T. Rowe Price Retirement I 2010 I TRPAX

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

Style Analysis as of 12-31-2019

Morningstar Style Box™



Large



22 28 25 6 6

Μid 2 1 2

Value Blend Growth

High MidLow Mod I td Duration

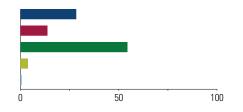
Equity



Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.40	10.04
Cash	3.64	8.19
Bonds	54.20	51.26
Non-US Stocks	13.52	10.84
US Stocks	28.24	19.69
Asset Class	Net %	Cat%

	ctor Weighting as of 12-3		Б	0 .	-				По					
		Fund	Bmark	Cat	Fun	d '	Bench	mark	Categ	jory Ave	rage		,	
Դ	Cyclical	35.70	40.57	34.95										
A	Basic Materials	4.06	4.05	4.01			_							
A	Consumer Cyclical	10.04	9.21	9.41										
æ	Financial Services	17.73	16.57	17.89			,		0					
ŵ	Real Estate	3.87	10.74	3.64										
W	Sensitive	39.51	36.25	39.92										
	Communication Services	8.41	6.63	8.28										
•	Energy	4.56	4.83	5.60										
Ф	Industrials	11.00	11.28	10.57										
	Technology	15.54	13.51	15.47										
—	Defensive	24.79	23.17	25.12										
Ħ	Consumer Defensive	8.29	7.73	8.18										
+	Healthcare	13.28	11.73	13.39										
•	Utilities	3.22	3.71	3.55		•[
					0%	5	10	15	20	25	30	35	40	4

Top 10 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	_	21.55	21.55	_	_
⊕ T. Rowe Price New Income I	_	18.22	39.77	_	_
⊕ T. Rowe Price Ltd Dur Infl Focus Bd I	_	16.28	56.04	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	_	6.13	62.17	_	_
⊕ T. Rowe Price Emerging Markets Bond I	-	4.81	66.98	-	_
⊕ T. Rowe Price Dynamic Global Bond I	_	4.10	71.08	_	_
⊕ T. Rowe Price Overseas Stock I	_	3.74	74.82	_	_
⊕ T. Rowe Price High Yield I	_	3.70	78.52	_	_
⊕ T. Rowe Price International Stock I	_	3.57	82.09	_	_
⊕ T. Rowe Price International Value Eq I	_	3.38	85.47	_	_

Total Holdings 20

⊕ 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)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

Quantitative Screens

Performance: The fund has finished in the Target-Date
2015 category's top three quartiles in 4 of the 4 years it's
been in existence.

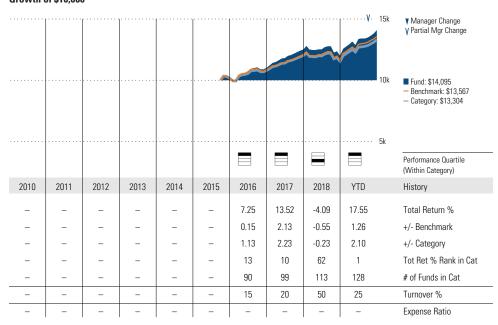
Management: The fund's management has been in place for 4.26 years.

Net Expense: The fund's expense ratio of 0.43 is 34.85% lower than the Target-Date 2015 category average.

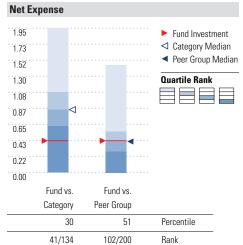
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-0.02	_	-0.34
Beta	1.11	_	0.98
R-Squared	97.00	-	96.15
Standard Deviation	5.74	5.08	5.10
Sharpe Ratio	1.16	1.15	1.06
Tracking Error	1.15	-	1.09
Information Ratio	0.75	-	-0.44
Up Capture Ratio	110.22	-	96.00
Down Capture Ratio	108.77	-	100.51

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	17.82	18.03
Price/Book Ratio	_	2.17	2.27
Avg Eff Duration	4.49	_	5.36

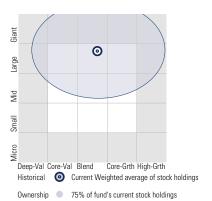


T. Rowe Price Retirement I 2015 I TRFGX

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

Style Analysis as of 12-31-2019

Morningstar Style Box™





Equity

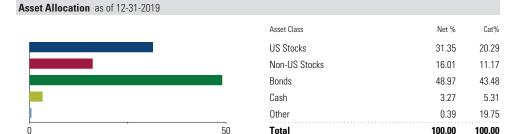
24	28	24	Large		
6	7	7	Mid		
1	2	2	Small		
Value	Pland	Crowth		I td	NΛ

Value Blend Growth

Fixed Income Quality High MidLow Mod Duration

Weight %

>50 25-50 10-25 0-10



		Fund	Bmark	Cat	Fund		Bench	mark	Cate	gory Ave	erane		
,	Cyclical	35.88	40.60	34.95	Tuna		Bonon		g outo	90.77.00	, ago		
	Basic Materials	4.03	4.12	4.01		1						Ĭ	
6	Consumer Cyclical	10.21	9.28	9.62									
ì	Financial Services	17.74	16.69	17.79		- :		· '	0				
ì	Real Estate	3.90	10.51	3.53			۲						
Ħ	Sensitive	39.33	36.28	40.13								- 1	
	Communication Services	8.41	6.61	8.40									
	Energy	4.30	4.87	5.58			1						
ŀ	Industrials	11.17	11.36	10.67									
1	Technology	15.45	13.44	15.48									
+	Defensive	24.80	23.12	24.94									
	Consumer Defensive	7.99	7.73	8.11			i .						
	Healthcare	13.14	11.68	13.27									
2	Utilities	3.67	3.71	3.56		[

Top 10 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	_	18.19	18.19	_	_
⊕ T. Rowe Price New Income I	_	17.07	35.26	_	_
⊕ T. Rowe Price Ltd Dur Infl Focus Bd I	_	13.45	48.70	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	-	5.76	54.46	_	_
⊕ T. Rowe Price Emerging Markets Bond I	-	4.32	58.79	-	_
① T. Rowe Price Overseas Stock I	_	4.23	63.02	_	_
	_	3.99	67.01	_	_
⊕ T. Rowe Price International Value Eq I	_	3.90	70.91	_	_
⊕ T. Rowe Price Dynamic Global Bond I	_	3.84	74.75	_	_
⊕ T. Rowe Price High Yield I	_	3.34	78.09	_	_

Total Holdings 22



T. Rowe Price Retirement | 2020 | TRBRX

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

Portfolio Manager(s)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

Quantitative Screens

Performance: The fund has finished in the Target-Date
 2020 category's top three quartiles in 4 of the 4 years it's
 been in existence.

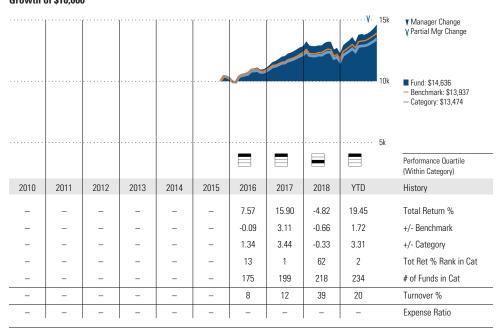
Management: The fund's management has been in place for 4.26 years.

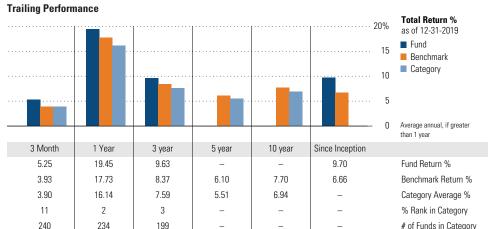
Net Expense: The fund's expense ratio of 0.46 is 38.67% lower than the Target-Date 2020 category average.

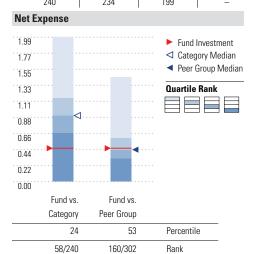
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-1 car hisk menics			
	Fund	Bmark	Cat
Alpha	-0.15	_	-0.43
Beta	1.17	_	0.93
R-Squared	96.94	_	93.75
Standard Deviation	6.76	5.70	5.43
Sharpe Ratio	1.14	1.14	1.00
Tracking Error	1.52	-	1.47
Information Ratio	0.83	-	-0.68
Up Capture Ratio	116.25	-	90.28
Down Capture Ratio	119.27	-	96.24

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	17.75	17.87
Price/Book Ratio	_	2.15	2.22
Avg Eff Duration	4.80	-	5.77



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 12-31-2019

Morningstar Style Box™



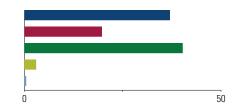
Style Breakdown

Equity	• •						
23	28	24	Large				High
6	7	7	Mid				Mid
1	2	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.37	35.13
Cash	2.90	3.66
Bonds	40.19	37.92
Non-US Stocks	19.62	5.83
US Stocks	36.90	17.45
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	,	Bench	mark	Cate	gory Ave	erage		
ŀ	Cyclical	35.95	40.55	35.33									- '
ů.	Basic Materials	4.01	4.20	3.40)							
Д	Consumer Cyclical	10.32	9.37	10.34									
,	Financial Services	17.73	16.81	17.23			- :						
à	Real Estate	3.89	10.17	4.36									
M	Sensitive	39.22	36.37	40.75								- 1	
₫	Communication Services	8.39	6.63	8.07			= ()						
ð	Energy	4.17	4.91	4.67									
Ф	Industrials	11.26	11.43	10.86)'						
	Technology	15.40	13.40	17.15						_ :			
→	Defensive	24.81	23.07	23.91									
=	Consumer Defensive	7.85	7.74	7.37			0						
٠	Healthcare	13.09	11.62	13.31									
•	Utilities	3.87	3.71	3.23)							

Top 10 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
T. Rowe Price Equity Index 500 I	_	17.83	17.83	_	_
⊕ T. Rowe Price New Income I	_	15.05	32.88	_	_
⊕ T. Rowe Price Ltd Dur Infl Focus Bd I	-	8.60	41.48	_	_
⊕ T. Rowe Price Growth Stock I	-	5.52	47.00	_	_
⊕ T. Rowe Price Value I	-	5.21	52.21	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	_	5.08	57.29	_	_
⊕ T. Rowe Price Overseas Stock I	-	5.06	62.35	_	-
	-	4.83	67.17	_	_
⊕ T. Rowe Price International Value Eq I	-	4.71	71.88	_	_
⊕ T. Rowe Price Emerging Markets Bond I	_	3.74	75.62	_	_

Total Holdings 22



T. Rowe Price Retirement | 2025 | TRPHX

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

Portfolio Manager(s)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

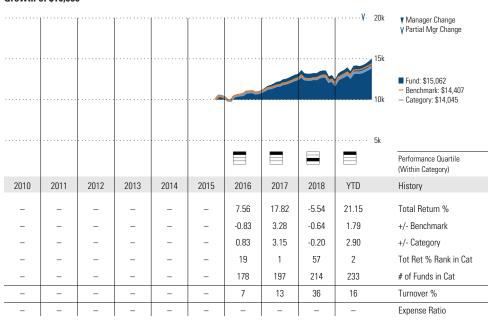
Quantitative Screens

- Performance: The fund has finished in the Target-Date 2025 category's top three quartiles in 4 of the 4 years it's been in existence
- Management: The fund's management has been in place for 4.26 years.
- × Style: The fund has landed in its primary style box Large Blend 63.64 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.5 is 31.51% lower than the Target-Date 2025 category average.

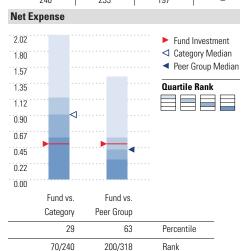
Morningstar Investment Management LLC Analysis

This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	-0.16	_	-0.57
Beta	1.16	_	0.99
R-Squared	97.23	_	96.98
Standard Deviation	7.70	6.53	6.60
Sharpe Ratio	1.11	1.11	1.01
Tracking Error	1.66	_	1.30
Information Ratio	0.80	_	-0.51
Up Capture Ratio	116.73	_	97.10
Down Capture Ratio	121.28	_	104.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	17.67	17.99
Price/Book Ratio	_	2.12	2.26
Avg Eff Duration	5.21	_	5.86



T. Rowe Price Retirement I 2025 I TRPHX

Quality High

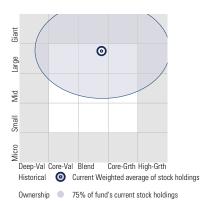
Mid Low

Morningstar Category Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

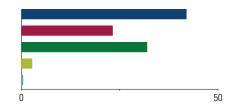
Weight %

Equity				Fixed Ir	ncome	
22	28	26	Large			
6	7	7	Mid			
1	2	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.35	53.20
Cash	2.66	1.95
Bonds	31.91	20.14
Non-US Stocks	23.15	7.34
US Stocks	41.92	17.36
Asset Class	Net %	Cat%

Sect	tor Weighting as of 12-	31-2019			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Ն	Cyclical	35.99	40.48	35.27	
ā.	Basic Materials	3.95	4.31	3.75	
A	Consumer Cyclical	10.48	9.47	10.20	
,	Financial Services	17.72	16.95	17.49	
tt.	Real Estate	3.84	9.75	3.83	
M	Sensitive	39.16	36.49	40.96	
	Communication Services	8.44	6.67	8.91	
•	Energy	3.98	4.94	4.79	
Ģ	Industrials	11.35	11.51	10.82	0
	Technology	15.39	13.37	16.44	
→	Defensive	24.84	23.04	23.77	
=	Consumer Defensive	7.67	7.74	7.74	
٠	Healthcare	13.00	11.59	12.78	
?	Utilities	4.17	3.71	3.25	
					0% 5 10 15 20 25 30 35 40

Top 10 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
T. Rowe Price Equity Index 500 I	_	15.17	15.17	_	_
⊕ T. Rowe Price New Income I	-	12.92	28.08	_	_
⊕ T. Rowe Price Growth Stock I	-	9.32	37.40	_	_
⊕ T. Rowe Price Value I	-	8.76	46.16	_	_
⊕ T. Rowe Price Overseas Stock I	-	5.81	51.97	_	_
⊕ T. Rowe Price International Stock I	_	5.53	57.51	_	_
⊕ T. Rowe Price International Value Eq I	-	5.49	63.00	_	_
⊕ T. Rowe Price Ltd Dur Infl Focus Bd I	_	4.64	67.64	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	_	4.36	72.00	_	_
⊕ T. Rowe Price Emerging Markets Stock I	_	3.70	75.70	_	_

Total Holdings 22



T. Rowe Price Retirement | 2030 | TRPCX

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

Portfolio Manager(s)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

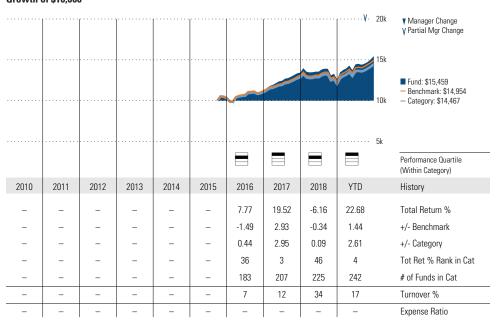
Quantitative Screens

- Q Performance: The fund has finished in the Target-Date
 2030 category's top three quartiles in 4 of the 4 years it's
 been in existence.
- Management: The fund's management has been in place for 4.26 years.
- \times *Style:* The fund has landed in its primary style box Large Growth 54.55 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.53 is 31.17% lower than the Target-Date 2030 category average.

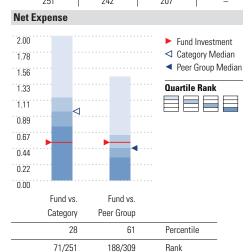
Morningstar Investment Management LLC Analysis

This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.14	_	-0.60
Beta	1.11	_	0.99
R-Squared	97.84	_	96.39
Standard Deviation	8.56	7.66	7.72
Sharpe Ratio	1.09	1.06	0.96
Tracking Error	1.49	_	1.42
Information Ratio	0.81	_	-0.46
Up Capture Ratio	111.55	_	97.19
Down Capture Ratio	111.15	_	104.17

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	17.60	17.87
Price/Book Ratio	_	2.10	2.20
Avg Eff Duration	5.59	_	5.88

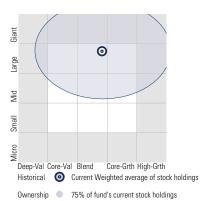


T. Rowe Price Retirement I 2030 I TRPCX

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

Style Analysis as of 12-31-2019

Morningstar Style Box™



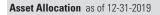
Style Breakdown

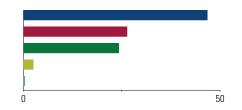
Equity				Fixed Ir	ncome		Qual
21	28	26	Large				High
6	6	7	Mid				Mid
1	2	2	Small				Low
Value	Blend	Growth		Ltd	Mod	Ext	

Duration

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.33	42.84
Cash	2.42	2.07
Bonds	24.19	16.47
Non-US Stocks	26.32	11.57
US Stocks	46.75	27.05
Asset Class	Net %	Cat%

	rano	ory Aver	Caton	ark [enchma	v F	М	Fui	Cat	Bmark	Fund		
	raye	DI Y AVEI	Categ	, I		•	iu	i ui	35.23	40.33	36.00	Cyclical	
Ť							7		3.64	4.40	3.91	Basic Materials	
					1		_' :		10.37	9.58	10.58	Consumer Cyclical	
				•					17.68	17.12	17.69	Financial Services	
									3.54	9.23	3.82	Real Estate	
				-					40.73	36.64	39.11	Sensitive	,
						•			8.93	6.69	8.43	Communication Services	
							- [4.52	4.98	3.84	Energy	
							- 1		10.95	11.62	11.46	Industrials	
									16.33	13.35	15.38	Technology	
									24.04	23.03	24.89	Defensive	
									7.79	7.77	7.53	Consumer Defensive	
									12.90	11.54	12.97	Healthcare	
									3.35	3.72	4.39	Utilities	
35	30	25	20	15	0		5	0%		0., 2			_

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	_	12.79	12.79	_	_
⊕ T. Rowe Price Equity Index 500 I	_	12.49	25.28	_	_
⊕ T. Rowe Price Value I	_	12.00	37.28	_	_
⊕ T. Rowe Price New Income I	_	10.45	47.72	_	_
⊕ T. Rowe Price Overseas Stock I	_	6.52	54.24	-	-
⊕ T. Rowe Price International Stock I	_	6.22	60.46	_	_
⊕ T. Rowe Price International Value Eq I	_	6.12	66.58	_	_
⊕ T. Rowe Price Emerging Markets Stock I	_	4.09	70.67	_	_
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	_	3.44	74.11	_	_
⊕ T. Rowe Price Mid-Cap Growth I	_	3.36	77.47	_	_

Total Holdings 22



T. Rowe Price Retirement | 2035 | TRPJX

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

Portfolio Manager(s)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

Quantitative Screens

Performance: The fund has finished in the Target-Date 2035 category's top three quartiles in 4 of the 4 years it's been in existence

Management: The fund's management has been in place for 4.26 years.

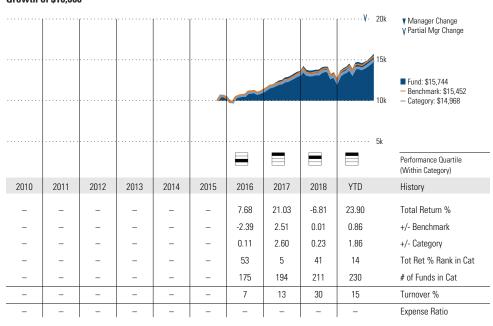
Style: The fund has landed in its primary style box —
 Large Growth — 72.73 % of the time over the past three years.

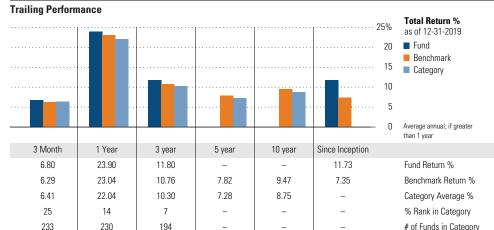
Net Expense: The fund's expense ratio of 0.56 is 26.32% lower than the Target-Date 2035 category average.

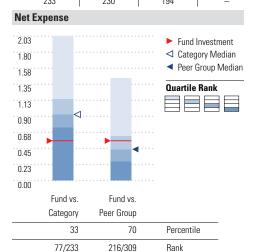
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year hisk ivietrics			
	Fund	Bmark	Cat
Alpha	0.56	-	-0.39
Beta	1.04	-	0.99
R-Squared	98.07	-	98.32
Standard Deviation	9.30	8.86	8.86
Sharpe Ratio	1.06	1.01	0.95
Tracking Error	1.34	-	1.27
Information Ratio	0.78	-	-0.41
Up Capture Ratio	106.04	-	97.98
Down Capture Ratio	101.53	-	101.65

Fund	Bmark	Cat
_	17.52	18.00
_	2.08	2.24
6.16	-	5.90
	- -	- 17.52 - 2.08

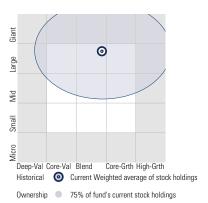


T. Rowe Price Retirement I 2035 I TRPJX

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

Style Analysis as of 12-31-2019

Morningstar Style Box™



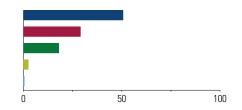
Style Breakdown

	uity				Fixed	Income		Qua
	21	28	27	Large				Qua High
	6	6	7	Mid				<u>≤</u>
	1	2	2	Small				Low
Va	lue	Blend	Growth		Ltd Durat	Mod ion	Ext	

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.30	8.97
Cash	2.33	2.74
Bonds	17.83	18.38
Non-US Stocks	28.94	24.50
US Stocks	50.60	45.41
Asset Class	Net %	Cat%

	ctor Weighting as of 12-3							п				
		Fund	Bmark	Cat	Fund	▼ Be	nchmark	Cateo	gory Ave	rage	,	
Ն	Cyclical	36.04	40.25	37.27								
•	Basic Materials	3.89	4.49	3.98								
4	Consumer Cyclical	10.65	9.67	10.22				_				
_	Financial Services	17.68	17.27	17.46								
ŧ	Real Estate	3.82	8.82	5.61		0 '						
M	Sensitive	39.08	36.75	39.79								
	Communication Services	8.45	6.72	8.36								
ð	Energy	3.76	5.01	4.53								
Ф	Industrials	11.51	11.70	11.20			0					
	Technology	15.36	13.32	15.70								
→	Defensive	24.89	23.00	22.93								
=	Consumer Defensive	7.43	7.78	7.34								
٠	Healthcare	12.93	11.50	12.32								
?	Utilities	4.53	3.72	3.27								

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	15.66	15.66	_	_
⊕ T. Rowe Price Value I	_	14.60	30.26	_	_
⊕ T. Rowe Price Equity Index 500 I	_	10.32	40.58	_	_
⊕ T. Rowe Price New Income I	_	8.39	48.97	_	_
⊕ T. Rowe Price Overseas Stock I	-	7.09	56.06	_	-
⊕ T. Rowe Price International Stock I	_	6.73	62.79	_	_
⊕ T. Rowe Price International Value Eq I	_	6.64	69.44	_	_
⊕ T. Rowe Price Emerging Markets Stock I	_	4.46	73.90	_	_
⊕ T. Rowe Price Mid-Cap Growth I	_	3.65	77.55	_	_
⊕ T. Rowe Price Mid-Cap Value I	_	3.44	80.98	_	_

Total Holdings 21



T. Rowe Price Retirement | 2040 | TRPDX

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

Portfolio Manager(s)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

Quantitative Screens

Performance: The fund has finished in the Target-Date 2040 category's top three quartiles in 4 of the 4 years it's been in existence

Management: The fund's management has been in place for 4.26 years.

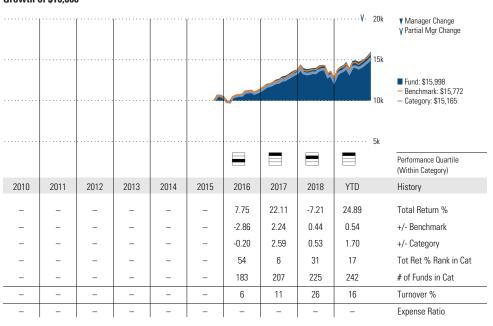
Style: The fund has landed in its primary style box —
 Large Growth — 72.73 % of the time over the past three years.

✓ Net Expense: The fund's expense ratio of 0.58 is
26.58% lower than the Target-Date 2040 category average.

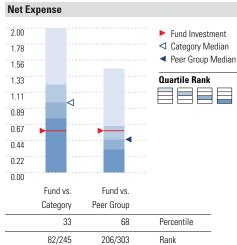
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.98	_	-0.20
Beta	1.00	_	0.96
R-Squared	97.88	_	96.84
Standard Deviation	9.86	9.80	9.53
Sharpe Ratio	1.05	0.96	0.92
Tracking Error	1.44	_	1.50
Information Ratio	0.72	_	-0.40
Up Capture Ratio	102.81	_	95.45
Down Capture Ratio	95.31	_	97.29

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	17.44	17.85
Price/Book Ratio	_	2.06	2.20
Avg Eff Duration	6.52	_	5.93

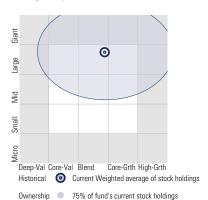


T. Rowe Price Retirement I 2040 I TRPDX

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

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

28	27	Large
6	7	Mid
2	2	Small
	6	6 7

Value Blend Growth

Fixed Income

Quality

High

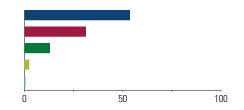
Mid

Ltd Mod Ext

Duration

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

Asset Allocation as of 12-31-2019



Asset Class Net % Cat% US Stocks 53.54 38.04 Non-US Stocks 31.09 19.96 Bonds 12.83 5.97 Cash 2.26 1.63 Other 0.27 34.41 Total 100.00 100.00

	3 0		ъ .	0.	-		- D I		По.					
		Fund	Bmark	Cat	Fun	d '	Bench	mark	U Cateo	jory Ave	rage		,	
ŀ	Cyclical	36.05	40.29	36.34										
ů.	Basic Materials	3.86	4.57	3.95										
4	Consumer Cyclical	10.72	9.74	10.31										
₽	Financial Services	17.67	17.38	17.51										
ŧ	Real Estate	3.80	8.60	4.57			7							
M	Sensitive	39.04	36.80	40.45										
	Communication Services	8.46	6.73	8.74										
•	Energy	3.67	5.05	4.57										
¢	Industrials	11.55	11.75	11.08										
	Technology	15.36	13.27	16.06										
→	Defensive	24.91	22.90	23.21										
=	Consumer Defensive	7.36	7.77	7.55			(
٠	Healthcare	12.90	11.42	12.48)						
•	Utilities	4.65	3.71	3.18										
					0%	5	10	15	20	25	30	35	40	45

Top 10 Holdings as of 12-31-2019					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	_	18.18	18.18	_	_
⊕ T. Rowe Price Value I	_	16.96	35.15	_	_
⊕ T. Rowe Price Equity Index 500 I	_	8.12	43.27	_	_
⊕ T. Rowe Price Overseas Stock I	_	7.56	50.83	_	_
⊕ T. Rowe Price International Stock I	-	7.20	58.03	_	-
⊕ T. Rowe Price International Value Eq I	_	7.07	65.10	_	_
⊕ T. Rowe Price New Income I	_	6.01	71.10	_	_
⊕ T. Rowe Price Emerging Markets Stock I	_	4.74	75.85	_	_
⊕ T. Rowe Price Mid-Cap Growth I	_	3.90	79.74	_	_
⊕ T. Rowe Price Mid-Cap Value I	_	3.58	83.33	_	_

Total Holdings 21



T. Rowe Price Retirement | 2045 | TRPKX

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

Portfolio Manager(s)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

Quantitative Screens

Q Performance: The fund has finished in the Target-Date 2045 category's top three quartiles in 4 of the 4 years it's been in existence.

Management: The fund's management has been in place for 4.26 years.

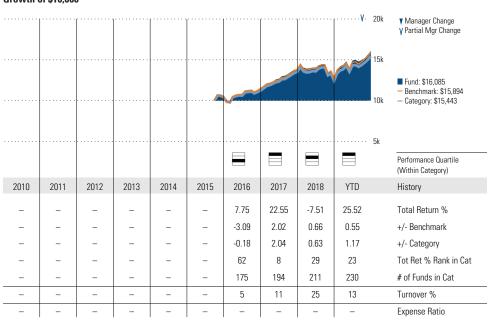
Style: The fund has landed in its primary style box —
 Large Growth — 72.73 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.59 is 23.38% lower than the Target-Date 2045 category average.

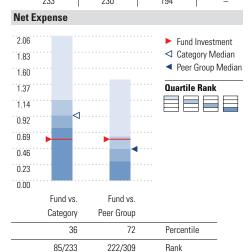
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.10	_	-0.12
Beta	0.99	_	0.98
R-Squared	97.89	_	98.54
Standard Deviation	10.25	10.28	10.17
Sharpe Ratio	1.03	0.94	0.92
Tracking Error	1.49	_	1.28
Information Ratio	0.70	_	-0.30
Up Capture Ratio	102.05	_	97.85
Down Capture Ratio	93.98	_	98.82

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.36	18.17
Price/Book Ratio	-	2.04	2.23
Avg Eff Duration	6.78	-	5.97

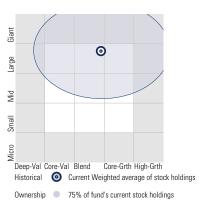


T. Rowe Price Retirement I 2045 I TRPKX

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

Style Analysis as of 12-31-2019

Morningstar Style Box™

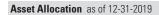


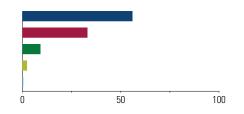


Equity				rixea ii	icome		Qualit
20	28	28	Large				High
6	6	7	Mid				Mid
1	2	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod on	Ext	_

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.25	24.76
Cash	2.15	1.51
Bonds	8.92	2.90
Non-US Stocks	32.85	25.35
US Stocks	55.83	45.48
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Benchr	nark	Categ	jory Ave	erage		_	
٠	Cyclical	36.07	40.59	36.81									- [
à.	Basic Materials	3.86	4.56	3.85										
	Consumer Cyclical	10.73	9.81	10.14										
<u></u>	Financial Services	17.69	17.53	17.46										
à	Real Estate	3.79	8.69	5.36			•							
Ųf	Sensitive	39.00	36.45	39.98								- 1		
	Communication Services	8.47	6.75	8.67		'								
	Energy	3.64	4.87	4.50		[
}	Industrials	11.55	11.94	10.84										
1	Technology	15.34	12.89	15.97										
+	Defensive	24.94	22.96	23.20						Ö				
Ę	Consumer Defensive	7.33	7.95	7.35			0							
r	Healthcare	12.89	11.16	12.49										
1	Utilities	4.72	3.85	3.36		<u> </u>								

N	Mar N. D.	0/ 11 . 1	0 1:: 0/	V/TD D + 0/	
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	_	19.88	19.88	_	_
⊕ T. Rowe Price Value I	_	18.62	38.50	_	_
⊕ T. Rowe Price Overseas Stock I	_	7.89	46.39	_	_
⊕ T. Rowe Price International Stock I	_	7.54	53.93	_	_
⊕ T. Rowe Price International Value Eq I	-	7.51	61.44	-	-
⊕ T. Rowe Price Equity Index 500 I	_	6.93	68.37	_	_
⊕ T. Rowe Price Emerging Markets Stock I	_	5.03	73.39	_	_
⊕ T. Rowe Price New Income I	_	4.13	77.53	_	_
⊕ T. Rowe Price Mid-Cap Growth I	_	3.99	81.52	_	_
⊕ T. Rowe Price Mid-Cap Value I	_	3.81	85.33	_	_

Total Holdings 21



T. Rowe Price Retirement I 2050 I TRPMX

Morningstar Category Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

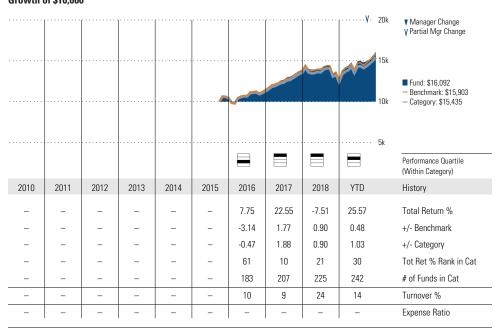
Quantitative Screens

- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 4 of the 4 years it's
- Management: The fund's management has been in place for 4.26 years.
- Style: The fund has landed in its primary style box Large Growth — 72.73 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.59 is 26.25% lower than the Target-Date 2050 category average.

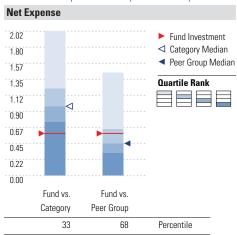
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







204/301 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	1.25	_	-0.09
Beta	0.97	_	0.97
R-Squared	97.78	_	96.89
Standard Deviation	10.24	10.42	10.26
Sharpe Ratio	1.04	0.93	0.90
Tracking Error	1.55	_	1.51
Information Ratio	0.68	_	-0.25
Up Capture Ratio	100.98	_	96.94
Down Capture Ratio	91.83	_	97.82

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	17.28	18.03
Price/Book Ratio	_	2.02	2.21
Avg Eff Duration	6.78	-	5.96



82/245

T. Rowe Price Retirement I 2050 I TRPMX

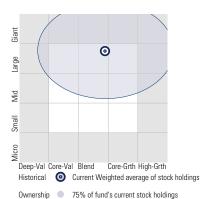
Quality

OHigh Mid Low

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

Style Analysis as of 12-31-2019

Morningstar Style Box™





Style Breakdown Equity

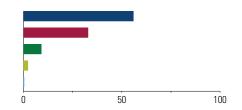
Equity				rixeu ii	icome
20	28	28	Large		
6	6	7	Mid		
1	2	2	Small		
Value	Blend	Growth		Itd	Mod

Duration

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.25	22.94
Cash	2.18	1.45
Bonds	8.92	2.00
Non-US Stocks	32.79	27.09
US Stocks	55.86	46.52
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d '	Bench	mark	Categ	gory Ave	erage		
Ն	Cyclical	36.06	40.70	37.03								'	
A	Basic Materials	3.85	4.69	4.01									
A	Consumer Cyclical	10.74	9.84	10.18									
,	Financial Services	17.68	17.51	17.39				-]				
fi	Real Estate	3.79	8.66	5.45			•						
W	Sensitive	39.02	36.66	39.88									
	Communication Services	8.49	6.72	8.57		· '	= [
ð	Energy	3.63	5.07	4.55									
Ф	Industrials	11.55	11.77	11.07									
	Technology	15.35	13.10	15.69									
→	Defensive	24.92	22.62	23.08									
	Consumer Defensive	7.32	7.73	7.32]						
+	Healthcare	12.88	11.20	12.34				ı į					
•	Utilities	4.72	3.69	3.42									

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	19.90	19.90	_	_
⊕ T. Rowe Price Value I	_	18.63	38.53	_	_
⊕ T. Rowe Price Overseas Stock I	-	7.88	46.41	_	_
⊕ T. Rowe Price International Stock I	-	7.57	53.98	_	_
⊕ T. Rowe Price International Value Eq I	-	7.46	61.44	-	-
⊕ T. Rowe Price Equity Index 500 I	_	6.96	68.40	_	_
⊕ T. Rowe Price Emerging Markets Stock I	-	4.99	73.40	_	_
T. Rowe Price New Income I	-	4.15	77.54	_	_
⊕ T. Rowe Price Mid-Cap Growth I	_	3.99	81.54	_	_
⊕ T. Rowe Price Mid-Cap Value I	_	3.77	85.31	_	_

Total Holdings 21



T. Rowe Price Retirement | 2055 | TRPNX

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

Portfolio Manager(s)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

Quantitative Screens

Performance: The fund has finished in the Target-Date 2055 category's top three quartiles in 4 of the 4 years it's been in existence.

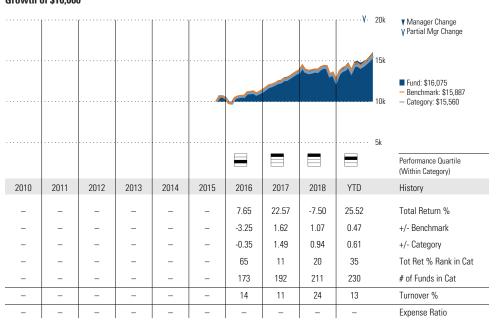
Management: The fund's management has been in place for 4.26 years.

✓ Net Expense: The fund's expense ratio of 0.59 is
23.38% lower than the Target-Date 2055 category average.

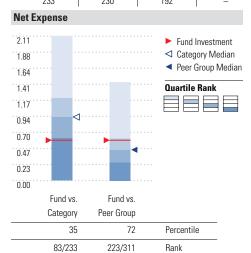
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year KISK Welfics			
	Fund	Bmark	Cat
Alpha	1.30	_	-0.04
Beta	0.97	_	0.99
R-Squared	97.65	-	98.53
Standard Deviation	10.25	10.45	10.46
Sharpe Ratio	1.03	0.92	0.91
Tracking Error	1.60	-	1.30
Information Ratio	0.67	-	-0.14
Up Capture Ratio	101.09	-	99.24
Down Capture Ratio	91.95	-	99.74

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	17.19	17.92
Price/Book Ratio	_	2.00	2.19
Avg Eff Duration	6.78	_	5.95



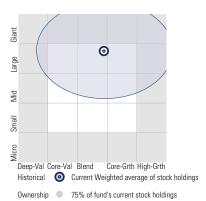
T. Rowe Price Retirement I 2055 I TRPNX

Morningstar Category Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



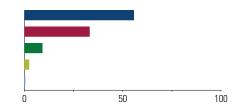
Style Breakdown

Weight %

Equity				Fixed I	ncome		Quality
20	28	28	Large				High
6	6	7	Mid				Mid
1	2	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod on	Ext	

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	55.54	50.49
Non-US Stocks	33.04	29.63
Bonds	8.92	3.70
Cash	2.25	2.09
Other	0.25	14.08
Total	100.00	100.00

Sec	ctor Weighting as of 12-3	31-2019			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Դ	Cyclical	36.10	40.98	36.52	
A.	Basic Materials	3.86	4.75	4.04	
A	Consumer Cyclical	10.74	9.87	10.05	
æ	Financial Services	17.71	17.57	17.17	
侖	Real Estate	3.79	8.79	5.26	
W	Sensitive	38.99	36.57	40.28	
	Communication Services	8.48	6.72	8.59	
•	Energy	3.64	5.07	4.92	
Ф	Industrials	11.55	11.77	10.83	
	Technology	15.32	13.01	15.94	
→	Defensive	24.89	22.43	23.20	
Ħ	Consumer Defensive	7.32	7.69	7.15	
+	Healthcare	12.86	11.08	12.84	
•	Utilities	4.71	3.66	3.21	
					0% 5 10 15 20 25 30 35 40 4

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ T. Rowe Price Growth Stock I	_	19.84	19.84	_	_
⊕ T. Rowe Price Value I	_	18.54	38.38	_	_
⊕ T. Rowe Price Overseas Stock I	_	8.04	46.41	_	_
⊕ T. Rowe Price International Value Eq I	_	7.56	53.98	_	_
⊕ T. Rowe Price International Stock I	-	7.53	61.51	-	-
⊕ T. Rowe Price Equity Index 500 I	_	6.83	68.35	_	_
⊕ T. Rowe Price Emerging Markets Stock I	_	5.07	73.41	_	_
⊕ T. Rowe Price New Income I	_	4.13	77.54	-	_
⊕ T. Rowe Price Mid-Cap Growth I	-	3.98	81.52	_	_
⊕ T. Rowe Price Mid-Cap Value I	_	3.74	85.26	_	_

Total Holdings 21



T. Rowe Price Retirement | 2060 | TRPLX

Morningstar Category Target-Date 2060+

Morningstar Index Morningstar Lifetime Mod 2060 TR USD

Expense Ratio

Portfolio Manager(s)

Jerome Clark since 09-2015 Wyatt Lee since 09-2015 Kim DeDominicis since 10-2019

Quantitative Screens

Performance: The fund has finished in the Target-Date 2060+ category's top three quartiles in 4 of the 4 years it's been in existence.

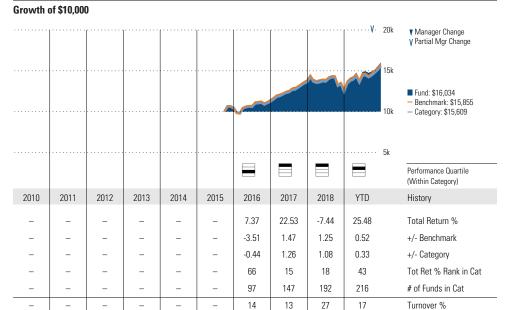
Management: The fund's management has been in place for 4.26 years.

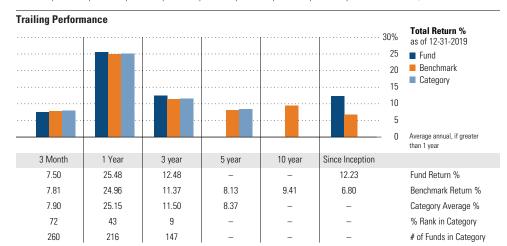
Style: The fund has landed in its primary style box — Large Growth — 72.73 % of the time over the past three years.

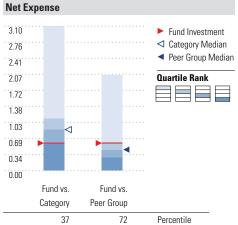
Net Expense: The fund's expense ratio of 0.59 is 24.36% lower than the Target-Date 2060+ category average.

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.







246/342 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Rank

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.34	_	0.08
Beta	0.97	_	1.00
R-Squared	97.70	_	98.42
Standard Deviation	10.24	10.45	10.53
Sharpe Ratio	1.03	0.92	0.92
Tracking Error	1.59	_	1.36
Information Ratio	0.70	_	0.01
Up Capture Ratio	101.11	_	100.30
Down Capture Ratio	91.53	_	99.99

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	_	17.12	_
Price/Book Ratio	_	1.99	_
Avg Eff Duration	6.77	-	5.81



102/276

T. Rowe Price Retirement I 2060 I TRPLX

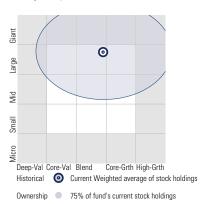
Quality High

Mid

Morningstar Index Morningstar Lifetime Mod 2060 TR USD **Morningstar Category** Target-Date 2060+

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

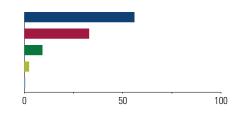
Equity				Fixed	Income	
20	28	28	Large			
6	6	7	Mid			
1	2	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 12-31-2019



Total	100.00	100.00
Other	0.25	17.81
Cash	2.21	1.90
Bonds	9.00	4.64
Non-US Stocks	32.76	29.14
US Stocks	55.79	46.50
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	d '	Bench	mark	Cated	jory Ave	rage			
Դ	Cyclical	36.00	41.25	36.27						, ,	- 3			
ů.	Basic Materials	3.82	4.81	4.25		= []								
4	Consumer Cyclical	10.76	9.90	10.17										
₽	Financial Services	17.66	17.60	17.12					ľ					
b	Real Estate	3.76	8.94	4.73			•							
M	Sensitive	39.06	36.48	40.51								- i *		
	Communication Services	8.49	6.72	8.64		,								
•	Energy	3.61	5.09	4.96										
Ф	Industrials	11.58	11.76	11.23			0							
	Technology	15.38	12.91	15.68						_ :				
→	Defensive	24.95	22.26	23.20										
	Consumer Defensive	7.33	7.66	7.49			0							
٠	Healthcare	12.91	10.95	12.55]						
•	Utilities	4.71	3.65	3.16										
					0%	5	10	15	20	25	30	35	40	45

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	_	19.83	19.83	_	_
⊕ T. Rowe Price Value I	_	18.59	38.43	_	_
⊕ T. Rowe Price Overseas Stock I	_	8.04	46.46	_	_
→ T. Rowe Price International Stock I	_	7.67	54.13	_	_
⊕ T. Rowe Price International Value Eq I	_	7.29	61.43	-	-
⊕ T. Rowe Price Equity Index 500 I	_	6.97	68.40	_	_
⊕ T. Rowe Price Emerging Markets Stock I	_	4.92	73.32	_	_
⊕ T. Rowe Price New Income I	_	4.19	77.51	_	_
⊕ T. Rowe Price Mid-Cap Growth I	-	4.07	81.57	_	_
⊕ T. Rowe Price Mid-Cap Value I	_	3.66	85.24	_	_

Total Holdings 21



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

- ❷ 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 3.68 years.
- Net Expense: The fund's expense ratio of 0.04 is 95.51% 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.

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.04	_	-1.42
Beta	1.00	_	0.95
R-Squared	100.00	_	94.36
Standard Deviation	12.10	12.10	11.87
Sharpe Ratio	1.10	1.10	0.96
Tracking Error	0.01	_	2.89
Information Ratio	-4.27	_	-1.41
Up Capture Ratio	99.87	_	90.48
Down Capture Ratio	100.05	_	97.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.64	18.71	17.87
Price/Book Ratio	2.69	2.74	2.65
Geom Avg Mkt Cap \$B	71.43	73.09	97.84
ROE	21.19	21.80	22.01



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

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



Style Breakdown

Equity

29	34	27	Large
4	4	2	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	1.50
Cash	0.35	0.74
Bonds	0.00	0.33
Non-US Stocks	0.95	3.02
US Stocks	98.70	94.41
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		▼ Bench	ımark	Cate	jory Ave	rage		
Ն	Cyclical	30.69	30.72	31.94									
ů.	Basic Materials	2.30	2.30	2.67									
A	Consumer Cyclical	9.58	9.57	9.75									
.	Financial Services	15.89	15.92	16.56		-							
a	Real Estate	2.92	2.93	2.96									
M	Sensitive	44.08	44.06	43.04									
	Communication Services	10.39	10.39	5.00									
ð	Energy	4.35	4.35	4.12									
Ģ	Industrials	9.55	9.54	11.72					į				
	Technology	19.79	19.78	22.20									
→	Defensive	25.24	25.23	25.02									
-	Consumer Defensive	7.54	7.54	8.04			[]						
٠	Healthcare	14.38	14.37	14.11									
•	Utilities	3.32	3.32	2.87		1							

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	4.55	4.55	88.09	Technology
	4.47	9.02	57.12	Technology
⊕ Amazon.com Inc	2.86	11.88	23.03	Consumer Cyclical
⊕ Facebook Inc A	1.83	13.71	56.57	Communication Svc
→ JPMorgan Chase & Co	1.61	15.32	46.18	Financial Services
Berkshire Hathaway Inc B	1.60	16.92	10.93	Financial Services
	1.49	18.41	29.10	Communication Svc
⊕ Alphabet Inc A	1.48	19.89	28.18	Communication Svc
⊕ Johnson & Johnson	1.43	21.32	15.94	Healthcare
	1.19	22.51	43.21	Financial Services
⊕ Procter & Gamble Co	1.16	23.67	39.09	Consumer Defensive
⊕ Exxon Mobil Corp	1.10	24.76	7.36	Energy
⊕ AT&T Inc	1.06	25.82	44.08	Communication Svc
→ Bank of America Corp	1.06	26.88	45.62	Financial Services
① UnitedHealth Group Inc	1.03	27.92	19.67	Healthcare

Total Holdings 521



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 Michael Johnson since 04-2016

Quantitative Screens

❷ Performance: The fund has finished in the Mid-Cap
Value category's top three quartiles in 8 of the 8 years it's
been in existence.

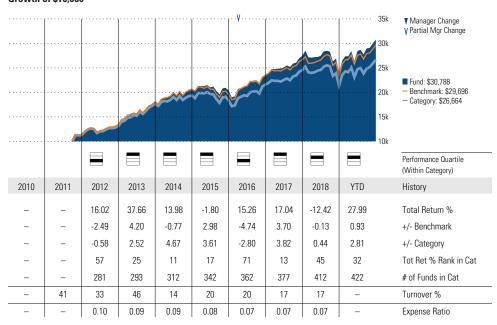
Management: The fund's management has been in place for 13.38 years.

Net Expense: The fund's expense ratio of 0.07 is
 93.27% lower than the Mid-Cap Value category average.

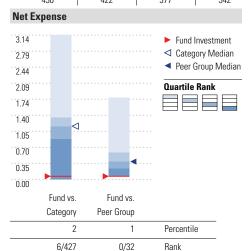
Morningstar Investment Management LLC Analysis

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.

Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	1.13	_	-1.09
Beta	1.02	_	1.06
R-Squared	98.23	_	94.06
Standard Deviation	13.39	12.97	14.24
Sharpe Ratio	0.62	0.53	0.46
Tracking Error	1.81	-	3.72
Information Ratio	0.76	_	-0.14
Up Capture Ratio	104.00	_	101.58
Down Capture Ratio	96.39	_	108.01

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	18.51	18.90	17.75
Price/Book Ratio	2.00	1.81	1.74
Geom Avg Mkt Cap \$B	9.97	9.71	8.73
ROE	15.32	11.29	11.96



Vanguard Mid-Cap Value Index Admiral VMVAX

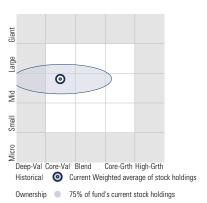
Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Style Analysis as of 12-31-2019

Morningstar Style Box™



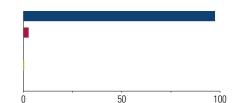
Style Breakdown

Equity

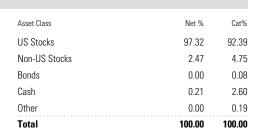
	11	12	1	Large
	45	29	3	Mid
	0	0	0	Small
٧	alue	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2019



	Fund	Bmark	Cat	Fund • Benchm	ark Catego	ry Average	
Cyclical	47.80	47.96	45.93	Tunu Denemin	ark [] outcgo	Ty Average	
Basic Materials	6.75	5.38	4.56				Ţ
Consumer Cyclical	15.58	9.94	11.45	' · ·	. ! !		
Financial Services	18.65	17.67	21.35				
Real Estate	6.82	14.97	8.57				
Sensitive	28.29	29.02	33.42				
Communication Servi	ces 5.25	3.93	3.23				
Energy	4.36	5.89	5.51				
Industrials	8.09	10.79	15.47				
Technology	10.59	8.41	9.21				
Defensive	23.91	23.02	20.66				
Consumer Defensive	4.70	5.16	5.79				
Healthcare	6.28	6.83	7.88	—— "[
Utilities	12.93	11.03	6.99				

Top 15 Holdings as of 12-31-2019				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Newmont Corp	1.59	1.59	29.55	Basic Materials
⊕ WEC Energy Group Inc	1.30	2.89	36.57	Utilities
	1.23	4.13	42.12	Technology
⊕ Eversource Energy	1.23	5.36	34.09	Utilities
⊕ FirstEnergy Corp	1.17	6.53	33.48	Utilities
⊕ Willis Towers Watson PLC	1.16	7.70	34.69	Financial Services
⊕ DTE Energy Co	1.11	8.81	21.23	Utilities
⊕ Entergy Corp	1.07	9.87	43.44	Utilities
⊕ Royal Caribbean Cruises Ltd	1.00	10.88	39.55	Consumer Cyclical
⊕ American Water Works Co Inc	0.99	11.87	37.50	Utilities
⊕ The Hartford Financial Services Group Inc	0.98	12.85	39.42	Financial Services
	0.95	13.80	21.46	Financial Services
○ CDW Corp	0.92	14.72	77.80	Technology
⊕ Halliburton Co	0.91	15.63	-5.23	Energy
─ KeyCorp	0.89	16.52	41.75	Financial Services

Total Holdings 201



Western Asset Core Bond IS WACSX

Morningstar Category Intermediate Core Bond

Morningstar Index

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

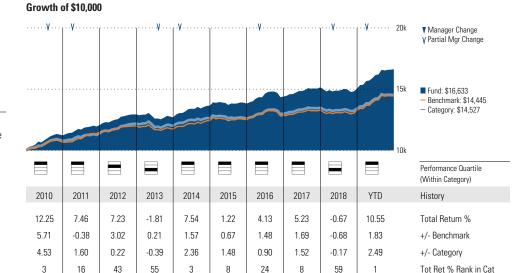
Management: The fund's management has been in place for 13.01 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.42 is 35.38% 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.



353

81

0.43

383

102

0.42

408

115

0.42

431

of Funds in Cat

Turnover %

Expense Ratio

318

93

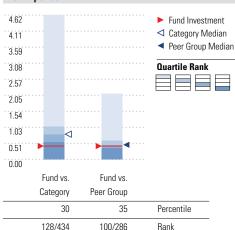
0.45

328

85

0.44





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

	Fund	Bmark	Cat
Alpha	1.10	_	-0.04
Beta	0.94	_	0.90
R-Squared	91.03	_	94.83
Standard Deviation	2.88	2.91	2.70
Sharpe Ratio	1.11	0.80	0.70
Tracking Error	0.88	_	0.65
Information Ratio	1.03	_	-0.81
Up Capture Ratio	108.53	_	90.67
Down Capture Ratio	81.41	_	93.11

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.23	4.43	5.31
Avg Eff Maturity	12.47	_	6.82



252

406

269

556

288

149

0.45

311

147

0.44

Duration

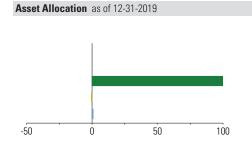
Western Asset Core Bond IS WACSX

Morningstar Category
Intermediate Core Bond

Morningstar Index

BBgBarc US Agg Bond TR USD

Style Ar	alysis	as	of 12	2-31-201	9
Style Brea	akdown	1			
Fixed Incor	ne		Qua	ality	
			High		
			Mid		
			Low		
Itd Mo	d Ext		l		



Total	100.00	100.00
Other	0.88	2.98
Cash	-0.49	-2.28
Bonds	99.62	99.26
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.05
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	68.52	3.53	51.61
AA	4.33	74.59	8.79
A	12.95	10.82	17.74
BBB	12.74	8.32	17.22
BB	0.12	0.28	2.29
В	0.00	0.00	0.68
Below B	0.13	0.00	0.44
Not Rated	1.21	2.46	1.23

	Fund	Bmark	Cat	Fund	• Dan	chmark	II ca	tegory	Augra	20		
				runa	, gen	сппагк	li Ca	regory		ye	٠,	
Government	21.85	44.03	30.81		:	:	- :			, T		
Treasury	18.94	34.51	21.11	•								
Inflation – Protected	2.10	0.00	1.84		,							
Agency/Quasi Agency	0.81	8.36	1.62									
Other Government Related	0.00	1.16	6.24									
Corporate	22.64	20.08	26.63									
Corporate Bond	21.82	19.42	25.51									
Bank Loan	0.00	0.64	0.20	0								
Convertible	0.82	0.00	0.88									
Preferred	0.00	0.02	0.04	ĺ								
Securitized	49.60	29.67	36.28									
Agency MBS Pass-Through	36.61	27.43	24.14									
Agency MBS ARM	0.00	0.19	0.18	Ó								
Agency MBS CMO	2.42	0.00	3.71									
Non-Agency Residential MBS	2.62	0.42	1.14									
Commercial MBS	2.60	1.61	0.63									
Asset-Backed	5.35	0.02	6.45									
Covered Bond	0.00	0.00	0.03	ď								
Municipal	0.04	0.76	0.80	i 📗								
Cash & Equivalents	5.47	5.48	3.76									
Other	0.40	0.00	1.71	i [

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
	_	5.52	5.52	_
→ Western Asset Prem Instl Govtt Rsrv Pref	_	4.58	10.10	_
⊕ United States Treasury Notes 1.62%	11-2026	1.85	11.95	_
⊕ United States Treasury Notes 1.5%	11-2024	1.76	13.71	_
United States Treasury Notes 1.38%	08-2026	1.63	15.34	_
⊕ United States Treasury Bonds 1%	_	1.20	16.54	_
⊕ Government National Mortgage Association 3%	_	1.15	17.69	_
→ Federal National Mortgage Association 4%	_	1.15	18.84	_
United States Treasury Bonds 3%	_	1.13	19.97	_
⊕ Government National Mortgage Association 2.5%	_	1.11	21.09	_

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

Total Holdings 2076

