American Funds Intl Gr and Inc R6 RIGGX

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

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 14.01 years.
- Net Expense: The fund's expense ratio of 0.54 is 41.94% lower than the Foreign Large Blend category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

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

Growth of \$10,000







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	0.01	_	0.08
Beta	1.07	_	1.01
R-Squared	96.42	_	93.77
Standard Deviation	20.07	18.48	19.26
Sharpe Ratio	-0.02	-0.03	-0.02
Tracking Error	3.99	_	4.83
Information Ratio	-0.07	_	-0.01
Up Capture Ratio	107.28	_	103.08
Down Capture Ratio	107.60	_	103.04

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	11.83	11.06	11.27
Price/Book Ratio	1.58	1.49	1.51
Geom Avg Mkt Cap \$B	39.09	34.91	41.65
ROE	19.35	18.13	20.02



American Funds Intl Gr and Inc R6 RIGGX

Morningstar Category Foreign Large Blend

Morningstar Index

MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

31	29	23	Faige
4	6	5	IVIIG
1	0	1	Ollidii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.83
Cash	9.36	0.82
Bonds	0.16	0.62
Non-US Stocks	85.07	94.78
US Stocks	5.41	2.94
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	gory Ave	erage		_
ŀ	Cyclical	36.70	42.29	38.90									•
ů.	Basic Materials	6.17	8.16	7.50									
A	Consumer Cyclical	10.28	10.91	10.70									
₽	Financial Services	17.94	20.73	18.44					[]				
fi	Real Estate	2.31	2.49	2.26									
M	Sensitive	35.55	35.38	35.46									
	Communication Services	6.49	6.35	5.49									
ð	Energy	7.64	6.26	5.64									
Ф	Industrials	11.05	11.87	14.29			<u> </u>						
	Technology	10.37	10.90	10.04									
→	Defensive	27.75	22.32	25.63									
=	Consumer Defensive	14.24	9.14	10.18									
٠	Healthcare	10.34	9.95	12.44									
•	Utilities	3.17	3.23	3.01		1							

World Regions % Equity 09-30-2022



Greater Asia	Fund % 28.28	Cat % 36.02
Japan	7.17	18.20
Australasia	0.28	5.40
Asia-4 Tigers	10.32	6.89
Asia-ex 4 Tigers	10.51	5.53
Not Classified	0.00	0.00

Americas	Fund % 15.73	Cat % 9.12	Greater Europe	Fund % 55.98	Cat % 54.87	Market Maturity	Fund %
North America	11.06	7.95	United Kingdom	16.06	13.86	Developed Markets	84.41
Central/Latin	4.67	1.17	W euro-ex UK	39.28	39.70	Emerging Markets	15.59
			Emrgng Europe	0.24	0.06	Not Available	0.00
			Africa	0.40	1.25		

Top 10 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	9.26	9.26	-	_
⊕ AstraZeneca PLC	3.15	12.41	17.14	Healthcare
→ British American Tobacco PLC	2.91	15.32	24.01	Consumer Defensive
Taiwan Semiconductor Manufacturing Co Ltd	2.72	18.03	-30.04	Technology
Philip Morris International Inc	1.78	19.81	-8.65	Consumer Defensive
⊕ Novo Nordisk A/S Class B	1.68	21.49	4.70	Healthcare
Airbus SE	1.66	23.15	-19.55	Industrials
	1.55	24.70	-37.96	Technology
⊕ BAE Systems PLC	1.52	26.22	46.42	Industrials
○ Nestle SA	1.33	27.55	-14.55	Consumer Defensive

Total Holdings 241



American Funds New Perspective R6 RNPGX

Morningstar Category Global Large-Stock Growth

Morningstar Index MSCI ACWI NR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 21.84 years.

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

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

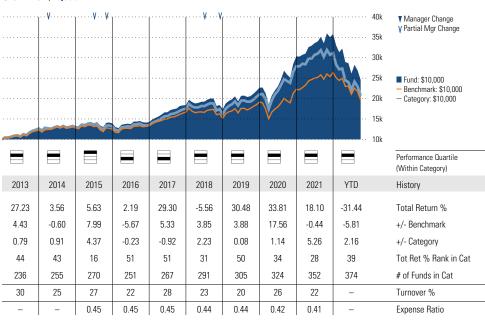
Morningstar Investment Management LLC Analysis

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

ESG Metrics

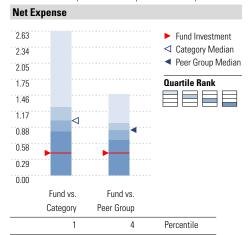
Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	02-15-2022

Growth of \$10,000



Trailing Performance





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

Rank

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

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



4/381

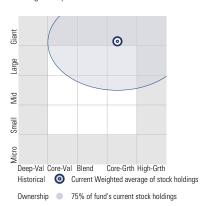
American Funds New Perspective R6 RNPGX

Morningstar Category Morningstar Index Global Large-Stock Growth

MSCI ACWI NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

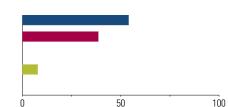
Equity

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

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2022

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

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

World Regions % Equity 09-30-2022



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

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

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

Total Holdings 300

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



American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Portfolio Manager(s)

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

Quantitative Screens

Piyada Phanaphat since 01-2020

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

Morningstar Investment Management LLC Analysis

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

ESG Metrics

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







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

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

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





American Funds New World R6 RNWGX

Morningstar CategoryMorningstar IndexDiversified Emerging MktsMSCI EM NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

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

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2022

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

100.00

100.00

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

100

Total

World Regions % Equity 09-30-2022



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

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

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

Total Holdings 582



American Funds Washington Mutual R6 RWMGX

Morningstar Category

Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

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

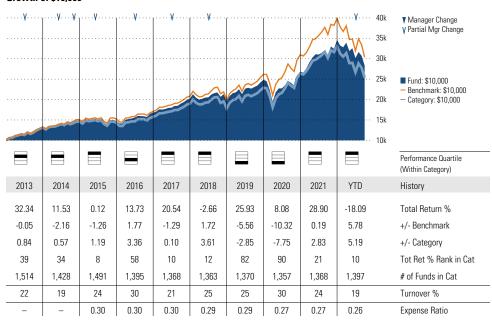
Morningstar Investment Management LLC Analysis

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

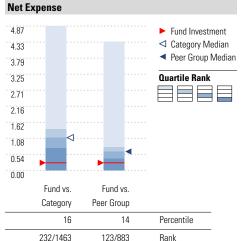
ESG Metrics

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

Growth of \$10,000



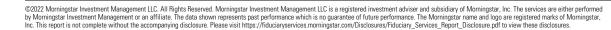




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

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

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





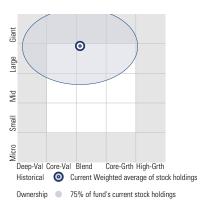
American Funds Washington Mutual R6 RWMGX

Morningstar Category Large Blend S&P 500 TR USD

Morningstar Index

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

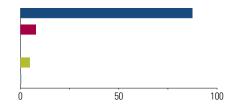
23	48	16	raige
4	8	1	IVIIO
0	0	0	JIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



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

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

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

Total Holdings 192



JPMorgan Large Cap Growth R6 JLGMX

Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

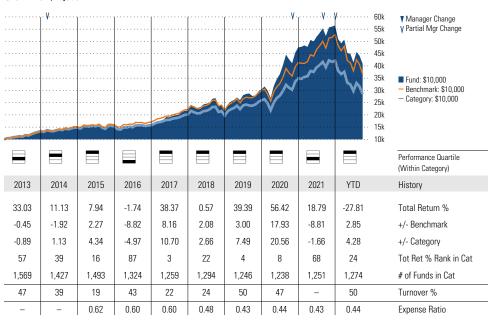
Morningstar Investment Management LLC Analysis

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

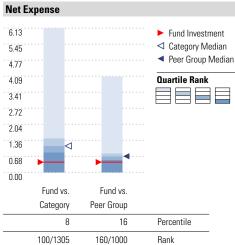
ESG Metrics

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

Growth of \$10,000







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

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

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



JPMorgan Large Cap Growth R6 JLGMX

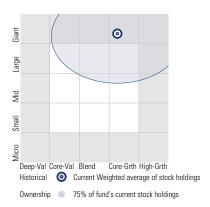
Morningstar Category Large Growth

Morningstar Index

Russell 1000 Growth TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

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

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2022

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

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

100

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

Total Holdings 74



JPMorgan SmartRetirement® 2020 R6 JTTYX

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

Portfolio Manager(s)

Jeffrey Geller since 07-2008 Daniel Oldroyd since 11-2010 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- Performance: The fund has finished in the Target-Date
 2020 category's top three quartiles in 6 of the 8 years it's
 been in existence.
- Management: The fund's management has been in place for 14.25 years.
- Net Expense: The fund's expense ratio of 0.4 is 35.48% lower than the Target-Date 2020 category average.

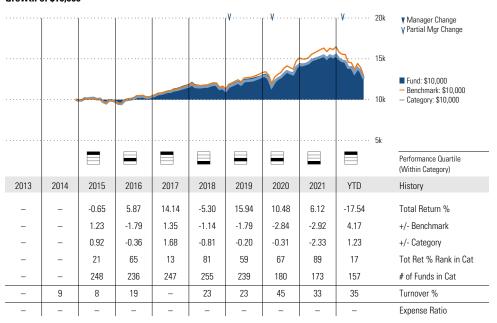
Morningstar Investment Management LLC Analysis

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

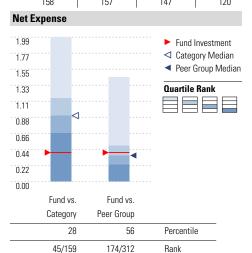
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

Growth of \$10,000



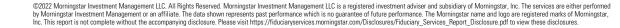
Trailing Performance Total Return % 10% as of 09-30-2022 Fund 0 Benchmark -5 Category -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -4.12 -15.42 -0.07 1.86 3.23 Fund Return % -6.01 -18.89 0.18 2.47 4.62 5.72 Benchmark Return % -16.29 4 99 -5.16 0.79 2 49 Category Average % 2 27 82 87 % Rank in Category 158 157 147 120 # of Funds in Category



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

3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	-0.30	_	0.49
Beta	0.83	_	0.91
R-Squared	96.72	_	96.55
Standard Deviation	10.13	12.06	11.16
Sharpe Ratio	-0.02	0.02	0.06
Tracking Error	2.78	_	2.40
Information Ratio	-0.09	-	0.26
Up Capture Ratio	80.71	-	91.63
Down Capture Ratio	82.44	-	88.58

Fund	Bmark	Cat
16.91	14.18	14.40
2.68	2.10	2.20
5.70	-	5.74
	16.91 2.68	16.91 14.18 2.68 2.10





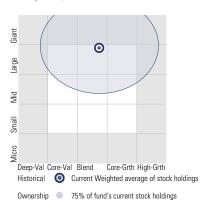
JPMorgan SmartRetirement® 2020 R6 JTTYX

Morningstar Category Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™

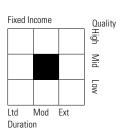


Style Breakdown

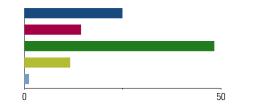
Equity 34 30 15 2 3 8



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



Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	1.07	8.25
Cash	11.55	2.84
Bonds	48.22	49.67
Non-US Stocks	14.32	14.05
US Stocks	24.85	25.18
Asset Class	Net %	Cat%

	g . g		Б .	0 .	-		- D I		По					
		Fund	Bmark	Cat	Fun	י נ	Bench	mark	Cateo	jory Ave	erage			
<u></u>	Cyclical	37.58	39.26	36.39										
A.	Basic Materials	4.27	4.61	4.53										
A	Consumer Cyclical	11.29	10.69	10.84										
,	Financial Services	15.59	15.07	15.35										
fi	Real Estate	6.43	8.89	5.67			•							
W	Sensitive	39.80	36.49	40.53										
d	Communication Services	6.41	5.63	6.70										
•	Energy	4.37	5.12	5.15										
Ф	Industrials	10.73	11.02	10.43]							
	Technology	18.29	14.72	18.25				•						
-	Defensive	22.62	24.26	23.08										
Ħ	Consumer Defensive	6.51	7.45	6.88]							
+	Healthcare	12.89	13.45	12.94			- 1	(
•	Utilities	3.22	3.36	3.26		(
					0%	5	10	15	20	25	30	35	40	4

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	,				0
→ JPMorgan Core Bond R6	_	27.72	27.72	_	_
→ JPMorgan US Equity R6	_	9.86	37.58	_	_
→ JPMorgan US Research Enhanced Equity R6	_	9.61	47.19	_	_
→ JPMorgan Core Plus Bond R6	_	9.22	56.41	_	_
⊕ Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	8.47	64.88	-	-
	_	7.58	72.46	_	_
→ JPMorgan International Rsrch Enh Eq ETF	_	5.87	78.33	_	_
→ JPMorgan High Yield R6	_	4.57	82.90	_	_
JPMorgan International Equity R6	_	3.87	86.77	_	_
→ JPMorgan BetaBuilders US Mid Cap Eg ETF	_	2.49	89.26	_	_

Total Holdings 22



JPMorgan SmartRetirement® 2025 R6 JNSYX

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

Portfolio Manager(s)

Jeffrey Geller since 07-2008 Daniel Oldroyd since 11-2010 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- Performance: The fund has finished in the Target-Date
 2025 category's top three quartiles in 6 of the 8 years it's
 been in existence.
- Management: The fund's management has been in place for 14.25 years.
- Net Expense: The fund's expense ratio of 0.41 is 38.81% lower than the Target-Date 2025 category average.

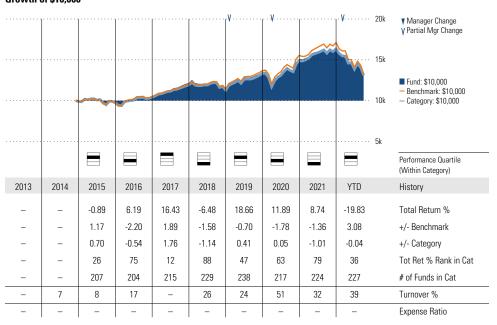
Morningstar Investment Management LLC Analysis

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

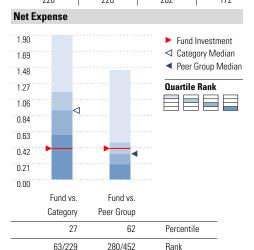
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

Growth of \$10,000



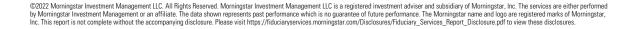




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.30	_	0.75
Beta	0.92	_	0.91
R-Squared	97.52	_	97.24
Standard Deviation	12.30	13.21	12.18
Sharpe Ratio	0.06	0.04	0.09
Tracking Error	2.21	_	2.51
Information Ratio	0.15	_	0.39
Up Capture Ratio	92.37	_	93.65
Down Capture Ratio	90.63	_	89.36

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.74	14.04	14.57
Price/Book Ratio	2.66	2.08	2.25
Avg Eff Duration	5.71	-	6.68





JPMorgan SmartRetirement® 2025 R6 JNSYX

Morningstar Category Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown Equity 30 16 33

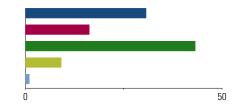
Large Mid2 3 8 2 2 4

Value Blend Growth

Fixed Income Quality High MidLow Ltd Mod Duration

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

Asset Allocation as of 09-30-2022



Asset Class Net % Cat% US Stocks 30.65 31.08 Non-US Stocks 16.20 15.10 Bonds 43.15 38.70 Cash 9.05 3.36 Other 0.95 11.77 100.00 Total 100.00

		Fund	Bmark	Cat	Fund ▼ Benchmark
b	Cyclical	37.00	39.22	35.59	- Carlo Benominant Carlogery Principles
ė.	Basic Materials	4.36	4.70	4.30	
-	Consumer Cyclical	11.34	10.75	10.86	
ê	Financial Services	15.33	15.23	15.05	, and the second
b	Real Estate	5.97	8.54	5.38	
NF	Sensitive	40.00	36.56	40.84	
	Communication Services	6.48	5.62	6.82	
•	Energy	4.44	5.15	5.02	
þ	Industrials	11.06	11.13	10.22	(ĭ
1	Technology	18.02	14.66	18.78	
+	Defensive	23.00	24.21	23.57	
7	Consumer Defensive	6.40	7.46	7.02	
ř	Healthcare	13.23	13.38	13.19	
2	Utilities	3.37	3.37	3.36	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan Core Bond R6	_	26.32	26.32	_	_
	_	12.24	38.56	_	_
→ JPMorgan US Research Enhanced Equity R6	_	12.21	50.78	_	_
⊕ JPMorgan Core Plus Bond R6	_	8.80	59.58	-	_
JPMorgan International Rsrch Enh Eq ETF	_	7.24	66.81	-	-
⊕ Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	5.96	72.77	_	_
JPMorgan International Equity R6	_	4.88	77.65	-	_
⊕ JPMorgan High Yield R6	_	4.87	82.52	_	_
JPMorgan Inflation Managed Bond ETF	_	3.92	86.45	_	_
⇒ JPMorgan BetaBuilders US Mid Cap Eq ETF	_	3.00	89.44	_	_

Total Holdings 22



JPMorgan SmartRetirement® 2030 R6 JSMYX

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

Portfolio Manager(s)

Jeffrey Geller since 07-2008 Daniel Oldroyd since 11-2010 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- × Performance: The fund has finished in the Target-Date 2030 category's top three quartiles in 5 of the 8 years it's been in existence.
- Management: The fund's management has been in place for 14.25 years.
- Net Expense: The fund's expense ratio of 0.42 is 38.24% lower than the Target-Date 2030 category average.

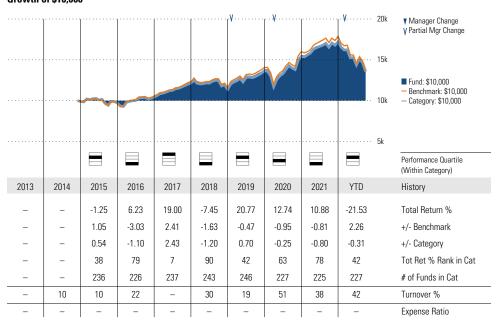
Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen but we maintain our long-term conviction in this target-date series and continue to be comfortable recommending it for retirement plans.

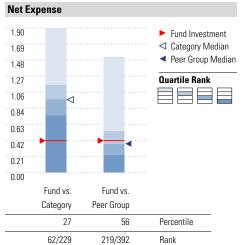
ESG Metrics

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

Growth of \$10,000



Trailing Performance Total Return % 10% as of 09-30-2022 Fund 0 Benchmark -5 Category -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -5.21 -18.00 1.06 2.77 4.21 Fund Return % -6.42 -20.52 0.64 2.92 5.89 6.14 Benchmark Return % -5 64 -17 98 1.72 3 22 5 93 Category Average % 23 39 80 79 % Rank in Category 228 226 202 170 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.42	_	1.01
Beta	0.96	_	0.94
R-Squared	98.49	_	98.16
Standard Deviation	14.16	14.65	13.83
Sharpe Ratio	0.10	0.07	0.14
Tracking Error	1.84	_	2.26
Information Ratio	0.23	_	0.53
Up Capture Ratio	97.04	_	97.46
Down Capture Ratio	94.89	-	92.27

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.77	13.89	14.73
Price/Book Ratio	2.66	2.05	2.30
Avg Eff Duration	5.78	-	6.88



JPMorgan SmartRetirement® 2030 R6 JSMYX

Quality

High

Mid

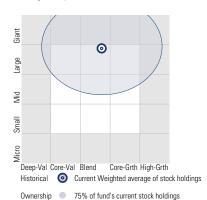
Low

Morningstar Category Target-Date 2030

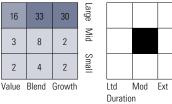
Morningstar Index Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

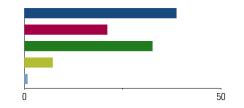


Fixed Income

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.73	10.37
Cash	7.12	2.22
Bonds	32.52	30.40
Non-US Stocks	21.00	18.16
US Stocks	38.62	38.85
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	· t	Bench	ımark	Categ	gory Ave	erage			
Դ	Cyclical	37.18	39.12	35.03									-	
A	Basic Materials	4.34	4.79	4.27										
A	Consumer Cyclical	11.33	10.83	10.97			j							
÷	Financial Services	15.41	15.40	15.31										
fi	Real Estate	6.10	8.10	4.48			•							
W	Sensitive	39.93	36.68	41.20										
	Communication Services	6.48	5.62	6.83										
ð	Energy	4.40	5.19	5.00										
¢	Industrials	10.95	11.25	10.38										
	Technology	18.10	14.62	18.99						_:				
—	Defensive	22.88	24.20	23.77						■ []				
Ħ	Consumer Defensive	6.43	7.49	7.01]							
٠	Healthcare	13.12	13.34	13.51				- İ						
•	Utilities	3.33	3.37	3.25		(
					0%	5	10	15	20	25	30	35	40	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Secto
) JPMorgan Core Bond R6	_	21.38	21.38	_	_
JPMorgan US Equity R6	_	15.45	36.83	_	_
JPMorgan US Research Enhanced Equity R6	_	15.42	52.25	_	_
JPMorgan International Rsrch Enh Eq ETF	_	9.18	61.43	_	_
DypMorgan Core Plus Bond R6	_	7.15	68.58	-	-
JPMorgan International Equity R6	_	6.06	74.64	_	_
Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	4.26	78.90	_	_
JPMorgan High Yield R6	_	4.26	83.16	_	_
) JPMorgan BetaBuilders US Mid Cap Eq ETF	_	3.77	86.93	_	_
JPMorgan Emerging Mkts Rsrch Enh Eq R6	_	2.69	89.63	_	_

Total Holdings 21



JPMorgan SmartRetirement® 2035 R6 SRJYX

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

Portfolio Manager(s)

Jeffrey Geller since 07-2008 Daniel Oldroyd since 11-2010 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- Performance: The fund has finished in the Target-Date
 2035 category's top three quartiles in 6 of the 8 years it's
 been in existence.
- Management: The fund's management has been in place for 14.25 years.
- Net Expense: The fund's expense ratio of 0.44 is 37.14% lower than the Target-Date 2035 category average.

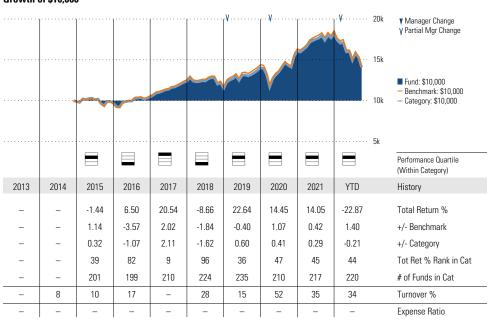
Morningstar Investment Management LLC Analysis

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

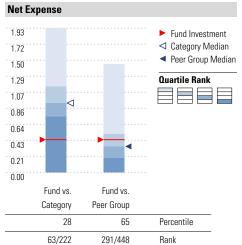
ESG Metrics

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

Growth of \$10,000



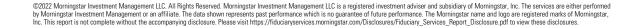




Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.17	_	1.12
Beta	0.99	_	0.96
R-Squared	98.84	_	98.55
Standard Deviation	16.22	16.24	15.63
Sharpe Ratio	0.19	0.12	0.18
Tracking Error	1.75	_	2.15
Information Ratio	0.67	_	0.61
Up Capture Ratio	102.11	_	99.42
Down Capture Ratio	96.82	_	94.36

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.66	13.74	14.52
Price/Book Ratio	2.57	2.03	2.26
Avg Eff Duration	5.89	-	7.30





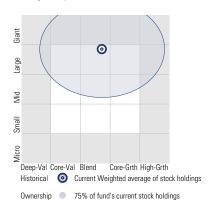
JPMorgan SmartRetirement® 2035 R6 SRJYX

Morningstar Category Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

-quity						
17	32	29	Large			
4	10	3	Mid			
1	3	1	Small			

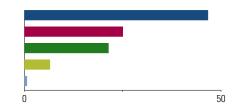
Value Blend Growth

Quality High MidLow Mod Ltd Duration

Fixed Income

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

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.59	10.99
Cash	6.44	2.49
Bonds	21.34	20.13
Non-US Stocks	24.99	22.05
US Stocks	46.65	44.34
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		Bench	mork	Cateo	on, Aug	rogo			
_					Full	, '	Delici	IIIIdik	Galet	JULY AVE	aye			
<u></u>	Cyclical	38.55	39.03	35.22		•			1			_	-	
A	Basic Materials	3.76	4.91	4.32		= []								
A	Consumer Cyclical	11.58	10.90	11.05				_						
,	Financial Services	16.85	15.56	15.35										
æ	Real Estate	6.36	7.66	4.50			•							
W	Sensitive	39.00	36.79	41.27										
d	Communication Services	5.94	5.63	6.82										
ð	Energy	4.73	5.21	5.05										
Ф	Industrials	10.19	11.36	10.38		- :								
	Technology	18.14	14.59	19.02				•		_ ;				
-	Defensive	22.44	24.18	23.51			_			I []				
Ħ	Consumer Defensive	6.38	7.51	7.01			ľ							
+	Healthcare	13.17	13.28	13.28		-		•						
•	Utilities	2.89	3.39	3.22										
					0%	5	10	15	20	25	30	35	40	45

Top 10 Holdings as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan Core Plus Bond R6	_	14.50	14.50	_	_
⊕ JPMorgan International Rsrch Enh Eq ETF	_	10.93	25.43	_	_
→ JPMorgan Value Advantage R6	-	10.58	36.01	_	_
→ JPMorgan Growth Advantage R6	-	10.42	46.43	_	-
	_	10.23	56.66	_	_
	_	10.22	66.88	_	_
JPMorgan International Equity R6	-	7.23	74.10	_	-
⊕ JPMorgan Core Bond R6	_	4.82	78.92	_	_
⊕ Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	3.99	82.91	_	_
⊕ JPMorgan Emerging Mkts Rsrch Enh Eq R6	_	3.16	86.07	_	_

Total Holdings 22



JPMorgan SmartRetirement® 2040 R6 SMTYX

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

Portfolio Manager(s)

Jeffrey Geller since 07-2008 Daniel Oldroyd since 11-2010 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- Performance: The fund has finished in the Target-Date
 2040 category's top three quartiles in 6 of the 8 years it's
 been in existence.
- Management: The fund's management has been in place for 14.25 years.
- Net Expense: The fund's expense ratio of 0.45 is 35.71% lower than the Target-Date 2040 category average.

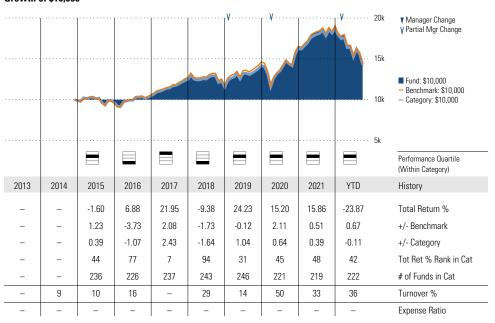
Morningstar Investment Management LLC Analysis

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

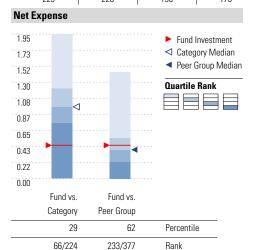
ESG Metrics

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

Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.18	_	0.99
Beta	0.99	_	0.96
R-Squared	99.09	_	98.62
Standard Deviation	17.61	17.64	16.98
Sharpe Ratio	0.22	0.15	0.21
Tracking Error	1.68	_	2.22
Information Ratio	0.71	_	0.52
Up Capture Ratio	102.37	_	99.30
Down Capture Ratio	97.52	_	95.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.68	13.60	14.46
Price/Book Ratio	2.57	2.01	2.23
Avg Eff Duration	5.85	-	7.75



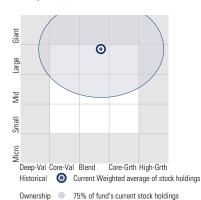
JPMorgan SmartRetirement® 2040 R6 SMTYX

Morningstar Category Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity 28 17 32 3 10 4



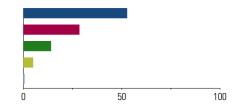
Value Blend Growth



Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.39	9.14
Cash	4.77	1.94
Bonds	13.90	12.64
Non-US Stocks	28.32	25.79
US Stocks	52.62	50.48
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 09-3	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
Դ	Cyclical	38.74	38.99	35.56	
â.	Basic Materials	3.74	5.00	4.31	
4	Consumer Cyclical	11.57	10.96	11.01	
₽	Financial Services	16.86	15.70	15.33	
th.	Real Estate	6.57	7.33	4.91	
M	Sensitive	38.92	36.87	41.07	
d	Communication Services	5.93	5.65	6.79	
•	Energy	4.70	5.24	5.03	
¢	Industrials	10.13	11.44	10.41	
	Technology	18.16	14.54	18.84	
→	Defensive	22.34	24.12	23.36	
	Consumer Defensive	6.37	7.53	6.96	
٠	Healthcare	13.10	13.20	13.22	
•	Utilities	2.87	3.39	3.18	
					0% 5 10 15 20 25 30 35 40 4

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Nume	Watarity Date	/0 NOT ASSET	Odinalative 70	TTD Hotain 70	Worlingstar occio
JPMorgan International Rsrch Enh Eq ETF	_	12.20	12.20	_	_
JPMorgan Value Advantage R6	-	11.93	24.13	_	_
JPMorgan Growth Advantage R6	-	11.76	35.89	_	_
JPMorgan US Research Enhanced Equity R6	_	11.53	47.42	_	_
JPMorgan US Equity R6	-	11.37	58.79	-	-
JPMorgan Core Plus Bond R6	_	8.77	67.56	_	_
JPMorgan International Equity R6	-	8.06	75.62	_	_
JPMorgan Emerging Mkts Rsrch Enh Eq R6	-	3.55	79.18	_	_
JPMorgan ActiveBuilders EM Eq ETF	-	3.04	82.22	_	_
) JPMorgan Core Bond R6	_	2.92	85.14	_	_

Total Holdings 22



JPMorgan SmartRetirement® 2045 R6 JSAYX

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

Portfolio Manager(s)

Jeffrey Geller since 07-2008 Daniel Oldroyd since 11-2010 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- Q Performance: The fund has finished in the Target-Date
 2045 category's top three quartiles in 6 of the 8 years it's
 been in existence.
- Management: The fund's management has been in place for 14.25 years.
- Net Expense: The fund's expense ratio of 0.45 is 35.71% lower than the Target-Date 2045 category average.

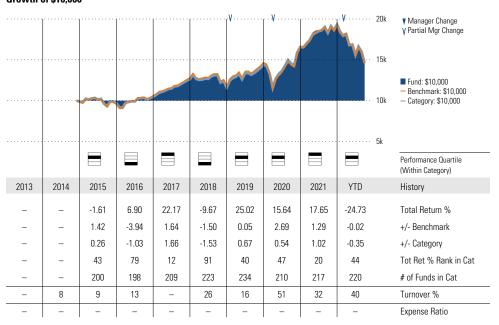
Morningstar Investment Management LLC Analysis

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

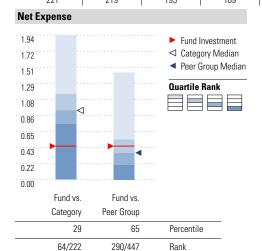
ESG Metrics

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

Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.27	-	0.94
Beta	1.01	-	0.96
R-Squared	99.14	-	98.56
Standard Deviation	18.72	18.49	17.85
Sharpe Ratio	0.24	0.17	0.22
Tracking Error	1.74	-	2.27
Information Ratio	0.74	-	0.46
Up Capture Ratio	104.47	-	99.60
Down Capture Ratio	99.54	_	95.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.68	13.48	14.46
Price/Book Ratio	2.57	1.98	2.22
Avg Eff Duration	5.87	-	8.50



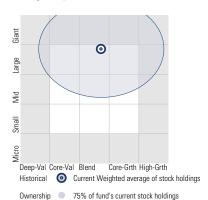
JPMorgan SmartRetirement® 2045 R6 JSAYX

Morningstar Category Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity 28 17 32 3 10 4



Value Blend Growth

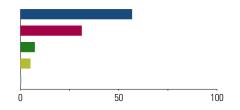
>50 25-50 10-25 0-10

Weight %

Fixed Income Quality High MidLow Mod Ltd Duration

Large Μid

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.23	9.50
Cash	4.95	2.06
Bonds	7.14	7.20
Non-US Stocks	31.04	27.82
US Stocks	56.66	53.41
Asset Class	Net %	Cat%

Sed	ctor Weighting as of 09-	30-2022			
		Fund	Bmark	Cat	Fund Fenchmark Category Average
<mark>Դ</mark>	Cyclical	38.74	39.10	35.50	
A.	Basic Materials	3.74	5.09	4.35	
A	Consumer Cyclical	11.56	11.00	11.10	
₽	Financial Services	16.90	15.83	15.29	
fi	Real Estate	6.54	7.18	4.76	
W	Sensitive	38.90	36.89	40.81	
	Communication Services	5.91	5.64	6.77	
	Energy	4.69	5.27	4.95	
Ф	Industrials	10.13	11.52	10.38	
	Technology	18.17	14.46	18.71	
→	Defensive	22.34	24.02	23.68	
=	Consumer Defensive	6.39	7.53	6.98	
٠	Healthcare	13.09	13.10	13.43	
•	Utilities	2.86	3.39	3.27	
					0% 5 10 15 20 25 30 35 40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan International Rsrch Enh Eq ETF	_	13.32	13.32	_	_
⇒ JPMorgan Value Advantage R6	_	12.92	26.23	_	_
⇒ JPMorgan Growth Advantage R6	_	12.73	38.96	-	_
JPMorgan US Research Enhanced Equity R6	_	12.39	51.34	_	_
JPMorgan US Equity R6	_	12.21	63.55	-	-
JPMorgan International Equity R6	_	8.85	72.40	_	_
→ JPMorgan Core Plus Bond R6	_	4.35	76.75	_	_
→ JPMorgan Emerging Mkts Rsrch Enh Eq R6	_	3.79	80.54	_	_
⊕ JPMorgan ActiveBuilders EM Eq ETF	_	3.20	83.74	_	_
Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	3.00	86.74	_	_

Total Holdings 22



JPMorgan SmartRetirement® 2050 R6 JTSYX

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

Portfolio Manager(s)

Jeffrey Geller since 07-2008 Daniel Oldroyd since 11-2010 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- Q Performance: The fund has finished in the Target-Date
 2050 category's top three quartiles in 6 of the 8 years it's
 been in existence.
- Management: The fund's management has been in place for 14.25 years.
- Net Expense: The fund's expense ratio of 0.45 is 36.62% lower than the Target-Date 2050 category average.

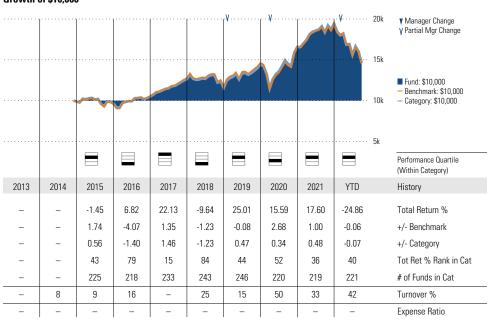
Morningstar Investment Management LLC Analysis

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

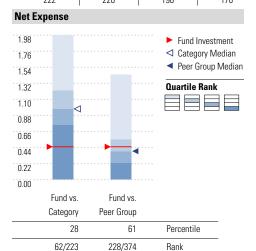
ESG Metrics

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

Growth of \$10,000







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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.12	_	0.88
Beta	0.99	_	0.96
R-Squared	99.15	_	98.48
Standard Deviation	18.75	18.81	18.21
Sharpe Ratio	0.23	0.17	0.22
Tracking Error	1.74	_	2.30
Information Ratio	0.65	_	0.40
Up Capture Ratio	102.68	_	99.91
Down Capture Ratio	98.35	_	96.52

Fund	Bmark	Cat
16.68	13.38	14.44
2.57	1.96	2.21
5.86	-	8.14
	16.68 2.57	16.68 13.38 2.57 1.96



JPMorgan SmartRetirement® 2050 R6 JTSYX

Morningstar Category Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Large

Style Breakdown

Equity 17 32 28 4 10 3

4 10 3 Mid Small

Value Blend Growth

Fixed Income

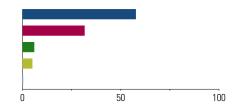
Quality

High
Mid

Ltd Mod Ext
Duration

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

Asset Allocation as of 09-30-2022



Asset Class Net % Cat% US Stocks 57.56 55.67 Non-US Stocks 31.50 28.97 Bonds 5.85 4.93 Cash 4.90 2.07 Other 0.20 8.36 100.00 100.00 Total

Sec	ctor Weighting as of 09-	30-2022			
		Fund	Bmark	Cat	Fund Benchmark Category Average
	Cyclical	38.75	39.29	35.76	
A	Basic Materials	3.74	5.17	4.35	
A	Consumer Cyclical	11.57	11.02	11.04	
,	Financial Services	16.91	15.93	15.30	
fi	Real Estate	6.53	7.17	5.07	
W	Sensitive	38.91	36.83	40.66	
d	Communication Services	5.91	5.63	6.72	
ð	Energy	4.69	5.28	4.92	
Ф	Industrials	10.13	11.56	10.41	
	Technology	18.18	14.36	18.61	
→	Defensive	22.36	23.88	23.56	
Ħ	Consumer Defensive	6.40	7.52	6.95	
+	Healthcare	13.10	12.98	13.37	
•	Utilities	2.86	3.38	3.24	
					0% 5 10 15 20 25 30 35 40 4

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
········	Matant, 200	70 11007 10000	Camalativo 70	772 770 70	.v.ogotar ocotor
🕀 JPMorgan International Rsrch Enh Eq ETF	_	13.51	13.51	-	-
→ JPMorgan Value Advantage R6	-	13.13	26.64	_	_
→ JPMorgan Growth Advantage R6	_	12.94	39.59	_	_
→ JPMorgan US Research Enhanced Equity R6	-	12.68	52.26	_	_
JPMorgan US Equity R6	-	12.26	64.52	-	-
D JPMorgan International Equity R6	_	8.99	73.51	_	_
D JPMorgan Emerging Mkts Rsrch Enh Eq R6	_	3.82	77.33	_	_
D JPMorgan Core Plus Bond R6	_	3.52	80.85	_	_
D JPMorgan ActiveBuilders EM Eq ETF	_	3.26	84.12	_	_
Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	2.99	87.11	_	_

Total Holdings 22



JPMorgan SmartRetirement® 2055 R6 JFFYX

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

Portfolio Manager(s)

Jeffrey Geller since 01-2012 Daniel Oldroyd since 01-2012 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- Q Performance: The fund has finished in the Target-Date
 2055 category's top three quartiles in 6 of the 8 years it's
 been in existence.
- Management: The fund's management has been in place for 10.67 years.
- Net Expense: The fund's expense ratio of 0.45 is 36.62% lower than the Target-Date 2055 category average.

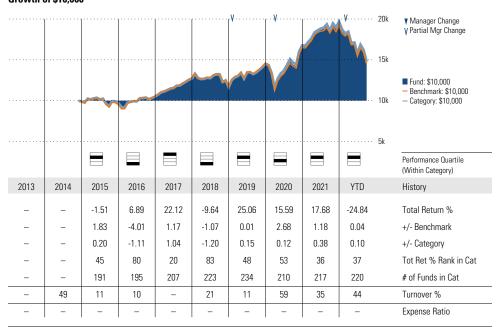
Morningstar Investment Management LLC Analysis

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

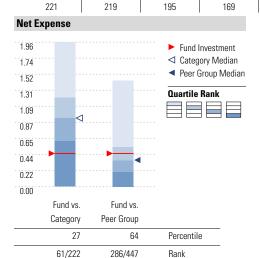
ESG Metrics

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

Growth of \$10,000



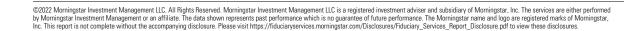




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.20	_	0.99
Beta	0.99	_	0.96
R-Squared	99.13	_	98.42
Standard Deviation	18.72	18.89	18.35
Sharpe Ratio	0.23	0.17	0.22
Tracking Error	1.76	_	2.32
Information Ratio	0.69	_	0.45
Up Capture Ratio	102.37	_	100.59
Down Capture Ratio	97.75	_	96.81

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.71	13.28	14.32
Price/Book Ratio	2.57	1.94	2.18
Avg Eff Duration	5.87	-	9.37





JPMorgan SmartRetirement® 2055 R6 JFFYX

Morningstar Category Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

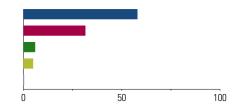
17	32	28	Large
4	10	3	MIG
1	3	1	Small

Value Blend Growth

Fixed Income Quality High MidLow Ltd Mod Duration

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

Asset Allocation as of 09-30-2022



Asset Class Net % Cat% US Stocks 55.94 57.86 Non-US Stocks 31.37 31.43 Bonds 5.81 4.46 Cash 4.78 1.44 Other 0.20 6.72 Total 100.00 100.00

Sec	tor Weighting as of 09-	30-2022			
		Fund	Bmark	Cat	Fund • Benchmark Category Average
Ն	Cyclical	38.81	39.55	35.99	
A.	Basic Materials	3.75	5.25	4.52	
A	Consumer Cyclical	11.54	11.04	11.05	
, f	Financial Services	16.85	16.01	15.39	
fi	Real Estate	6.67	7.25	5.03	
Ma.	Sensitive	38.87	36.75	40.60	
	Communication Services	5.91	5.63	6.77	
ð	Energy	4.68	5.28	5.02	
Ф	Industrials	10.12	11.59	10.32	
	Technology	18.16	14.25	18.49	
→	Defensive	22.31	23.72	23.40	
=	Consumer Defensive	6.37	7.50	6.93	
٠	Healthcare	13.08	12.84	13.27	
•	Utilities	2.86	3.38	3.20	
					0% 5 10 15 20 25 30 35 40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Namo	Watarry Buto	70 1401 7 10001	oundidayo /b	TTB Hotain 70	World gotal Coutor
Ð JPMorgan International Rsrch Enh Eq ETF	_	13.46	13.46	_	_
∋ JPMorgan Value Advantage R6	-	13.04	26.50	-	-
→ JPMorgan Growth Advantage R6	-	12.85	39.35	-	-
Ð JPMorgan US Equity R6	-	12.76	52.12	-	-
JPMorgan US Research Enhanced Equity R6	-	12.51	64.63	-	-
⊕ JPMorgan International Equity R6	_	8.92	73.55	_	_
Ð JPMorgan Emerging Mkts Rsrch Enh Eq R6	_	3.80	77.35	_	_
Ð JPMorgan Core Plus Bond R6	_	3.49	80.84	_	_
Ð JPMorgan ActiveBuilders EM Eq ETF	_	3.24	84.08	_	_
JPMorgan BetaBuilders US Mid Cap Eq ETF	_	2.88	86.96	_	_

Total Holdings 22



JPMorgan SmartRetirement® 2060 R6 JAKYX

Morningstar Category Target-Date 2060 Morningstar Index

Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Jeffrey Geller since 08-2016 Daniel Oldroyd since 08-2016 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- Q Performance: The fund has finished in the Target-Date
 2060 category's top three quartiles in 5 of the 6 years it's
 been in existence.
- Management: The fund's management has been in place for 6.08 years.
- Net Expense: The fund's expense ratio of 0.44 is 38.03% lower than the Target-Date 2060 category average.

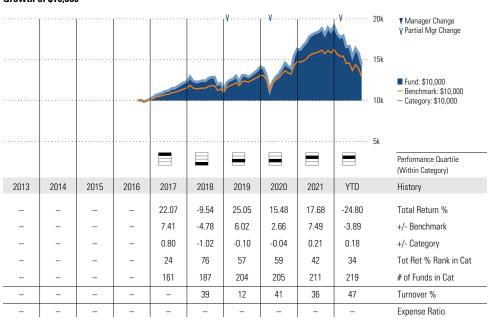
Morningstar Investment Management LLC Analysis

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

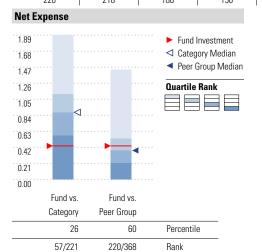
ESG Metrics

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

Growth of \$10,000







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

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	2.18	_	1.99
Beta	1.40	_	1.39
R-Squared	97.80	-	97.78
Standard Deviation	18.66	13.18	18.48
Sharpe Ratio	0.23	0.10	0.22
Tracking Error	5.95	-	5.82
Information Ratio	0.36	-	0.34
Up Capture Ratio	148.52	-	148.24
Down Capture Ratio	137.55	-	138.30

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	16.69	13.15	14.41				
Price/Book Ratio	2.58	1.92	2.22				
Avg Eff Duration	5.88	-	7.31				





JPMorgan SmartRetirement® 2060 R6 JAKYX

Morningstar Category Target-Date 2060 Morningstar Index Morningstar Mod Tgt Risk TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

-quit,			
17	32	29	Large
4	10	3	Mid
1	3	1	Small

Value Blend Growth

Fixed Income

Quality

Gh

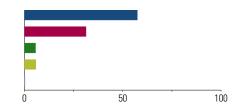
Mi

Ltd Mod Ext

Duration

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

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.19	4.89
Cash	5.67	2.21
Bonds	5.56	4.49
Non-US Stocks	31.24	31.93
US Stocks	57.34	56.48
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1 1	Bencl	nmark	Cate	gory Ave	erage	
Ն	Cyclical	38.66	39.36	35.61							-	
ė.	Basic Materials	3.75	5.20	4.57		. []						
A	Consumer Cyclical	11.58	10.78	11.04								
æ	Financial Services	16.92	16.20	15.14								
fi	Real Estate	6.41	7.18	4.86			1					
W	Sensitive	38.97	36.47	40.72		,						
	Communication Services	5.93	5.85	6.85								
ð	Energy	4.69	5.39	5.04								
¢	Industrials	10.13	11.11	10.40				_				
	Technology	18.22	14.12	18.43				-				
→	Defensive	22.35	24.18	23.66						I []		
=	Consumer Defensive	6.39	7.80	6.98								
٠	Healthcare	13.09	12.64	13.58				= []				
•	Utilities	2.87	3.74	3.10		0						

Top 10 Holdings as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan International Rsrch Enh Eq ETF	_	13.22	13.22	_	_
⊕ JPMorgan Value Advantage R6	_	13.04	26.26	_	-
⇒ JPMorgan Growth Advantage R6	_	12.78	39.05	_	_
	_	12.62	51.67	_	_
⊕ JPMorgan US Research Enhanced Equity R6	_	12.55	64.22	_	_
⊕ JPMorgan International Equity R6	_	8.96	73.17	_	_
→ Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	3.80	76.97	_	-
⊕ JPMorgan Emerging Mkts Rsrch Enh Eq R6	_	3.74	80.71	_	_
	_	3.40	84.11	_	_
⊕ JPMorgan Core Plus Bond R6	_	3.39	87.50	_	_

Total Holdings 22



JPMorgan SmartRetirement® Income R6 JSIYX

Morningstar Category
Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

Portfolio Manager(s)

Jeffrey Geller since 07-2008 Daniel Oldroyd since 11-2010 Silvia Trillo since 02-2019 Ove Fladberg since 03-2022

Quantitative Screens

- Performance: The fund has finished in the Target-Date Retirement category's top three quartiles in 7 of the 8 years it's been in existence.
- Management: The fund's management has been in place for 14.25 years.
- Net Expense: The fund's expense ratio of 0.39 is 41.79% lower than the Target-Date Retirement category average.

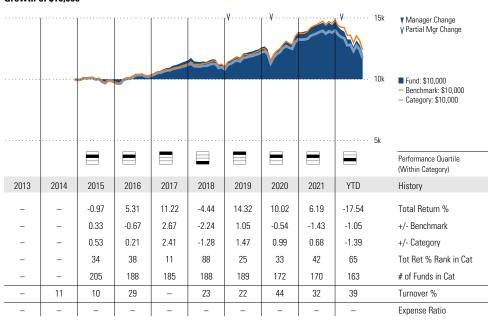
Morningstar Investment Management LLC Analysis

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

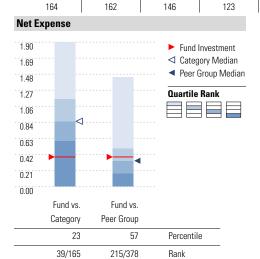
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022

Growth of \$10,000



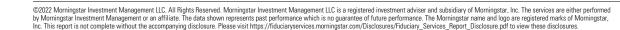
Trailing Performance Total Return % as of 09-30-2022 Fund Benchmark Category -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -4.07 -15.44 -0.33 1.56 2.61 Fund Return % -4.73 -14.27 0.85 2.41 3.35 5.22 Benchmark Return % -4 59 -n 28 -14 41 1.56 2 94 Category Average % 16 62 44 48 % Rank in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.18	_	-1.17
Beta	1.05	_	0.92
R-Squared	96.72	_	95.87
Standard Deviation	9.83	9.24	8.70
Sharpe Ratio	-0.05	0.07	-0.09
Tracking Error	1.83	_	2.29
Information Ratio	-0.65	_	-0.57
Up Capture Ratio	98.82	_	86.73
Down Capture Ratio	108.48	_	96.23

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.90	14.54	14.00
Price/Book Ratio	2.69	2.17	2.09
Avg Eff Duration	5.70	-	6.58





of Funds in Category

JPMorgan SmartRetirement® Income R6 JSIYX

Quality

High

Mid

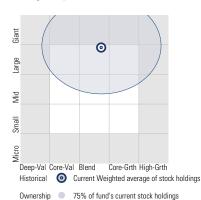
Low

Morningstar Category
Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Fixed Income

Mod

Ltd N Duration

Style Breakdown

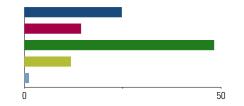
Equity 15 34 30 3 8 2

34 30 Large Mid 8 2 4 2 and Growth



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

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	1.07	16.18
Cash	11.73	5.20
Bonds	48.19	51.17
Non-US Stocks	14.33	9.45
US Stocks	24.69	18.01
Asset Class	Net %	Cat%

		From al	D	0-4	F		D b	П с		A			
		Fund	Bmark	Cat	Func	1 ,	Benchma	ark [] C	ategory .	Average			
<u></u>	Cyclical	37.48	39.10	38.05		7	:	1				1	
÷.	Basic Materials	4.26	4.38	4.19									
A	Consumer Cyclical	11.33	10.57	10.24									
,	Financial Services	15.67	14.74	14.87									
fi	Real Estate	6.22	9.41	8.75									
W	Sensitive	39.97	36.44	39.40								'	
	Communication Services	6.45	5.66	6.60		: v							
•	Energy	4.39	5.06	4.99									
Ф	Industrials	10.69	10.78	9.84				i					
	Technology	18.44	14.94	17.97				<u> </u>	0				
-	Defensive	22.54	24.46	22.53]			
Ħ	Consumer Defensive	6.51	7.44	6.89		-	·						
+	Healthcare	12.83	13.66	12.36)					
•	Utilities	3.20	3.36	3.28									
					0%	5	10	15	20	25	30	35	40

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Ð JPMorgan Core Bond R6	_	27.65	27.65	_	_
⇒ JPMorgan US Research Enhanced Equity R6	-	9.80	37.45	-	_
∋ JPMorgan US Equity R6	_	9.65	47.10	-	_
⊕ JPMorgan Core Plus Bond R6	_	9.24	56.34	_	_
⊕ Jpmorgan Us Govt Mmkt Fund Im Shares (Restricted)	12-2049	8.66	65.00	-	-
JPMorgan Inflation Managed Bond ETF	_	7.60	72.59	_	_
∋ JPMorgan International Rsrch Enh Eq ETF	-	5.63	78.23	-	_
⊕ JPMorgan High Yield R6	-	4.62	82.84	-	_
JPMorgan International Equity R6	-	3.85	86.69	-	_
⇒ JPMorgan BetaBuilders US Mid Cap Eg ETF	_	2.37	89.06	_	_

Total Holdings 22



Loomis Sayles Strategic Income N NEZNX

Morningstar Category Multisector Bond Morningstar Index Bloomberg US Universal TR USD

Portfolio Manager(s)

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

Quantitative Screens

Q Performance: The fund has finished in the Multisector
Bond category's top three quartiles in 6 of the 9 years it's
been in existence

Management: The fund's management has been in place for 15.67 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.65 is 34.34% lower than the Multisector Bond category average.

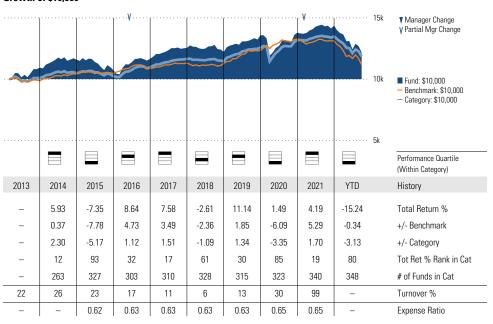
Morningstar Investment Management LLC Analysis

We are removing Loomis Sayles Strategic Income from fiduciary coverage. Although we believe the fund has merits in some uses, it takes on more risk than we would like for a multisector bond fund. The fund can take on up to 40% of assets in high-yield corporate debt and up to 20% in equities. With this enormous flexibility comes heightened volatility, and although over the long term the fund has achieved solid returns in exchange for that volatility, we are skeptical of that tradeoff, given the fund's multisector bond Morningstar Category.

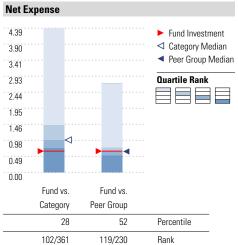
ESG Metrics

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

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2022 Fund Benchmark Category -5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 10 year Since Inception 5 year Fund Return % -2.08 -14.88 -2.71 -0.65 1.98 -4.45 -14.92 -3.11 -0.18 1.17 5.32 Benchmark Return % -2 26 -12 02 -1 50 0.56 2 14 Category Average % 39 76 79 86 % Rank in Category 358 345 289 255 # of Funds in Category



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

3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	1.36	_	2.12
Beta	1.21	_	1.04
R-Squared	47.41	_	47.77
Standard Deviation	9.66	5.51	8.81
Sharpe Ratio	-0.30	-0.65	-0.19
Tracking Error	7.10	_	6.61
Information Ratio	0.06	_	0.32
Up Capture Ratio	138.91	_	121.01
Down Capture Ratio	119.90	_	94.57

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	4.49	4.55	4.01
Avg Eff Maturity	5.99	7.69	7.95

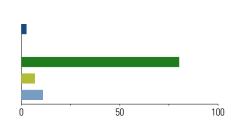


Removed

Loomis Sayles Strategic Income N NEZNX

Morningstar Category Multisector Bond Morningstar Index Bloomberg US Universal TR USD





Asset Allocation as of 09-30-2022



Credit Rating Breakdown	Fund	Bmark	Cat
AAA	25.36	67.64	21.84
AA	1.03	3.23	4.26
A	2.72	10.03	8.50
BBB	27.17	10.89	21.28
BB	19.70	3.19	18.20
В	12.19	3.64	16.05
Below B	1.27	1.38	5.79
Not Rated	10.56	0.00	4.08

Sector Weighting as of 09-3	30-2022														
	Fund	Bmark	Cat	Fun	d	▼ E	Benchr	nark	[] Ca	itegor	y Aver	age			
Government	21.76	_	23.86												
Treasury	18.50	_	8.65												
Inflation – Protected	0.00	_	0.43	0											
Agency/Quasi Agency	0.51	_	0.96	10											
Other Government Related	2.75	_	13.82												
Corporate	57.88	-	36.52												
Corporate Bond	46.67	_	30.82			-									
Bank Loan	0.36	_	2.84	1 [
Convertible	8.86	_	2.38												
Preferred	1.99	_	0.48	()											
Securitized	11.92	-	26.27												
Agency MBS Pass-Through	0.00	_	7.83	j											
Agency MBS ARM	0.00	_	0.00	ĺ											
Agency MBS CM0	0.00	_	0.61												
Non-Agency Residential MBS	0.20	_	1.59	1 [
Commercial MBS	1.73	_	5.44												
Asset-Backed	9.99	_	10.80												
Covered Bond	0.00	_	0.00	Ö											
Municipal	1.61	-	0.37	<u>]</u>											
Cash & Equivalents	6.82	_	7.42												
Other	0.00	-	5.27												
				0%	5	10	15	20	25	30	35	40	45	50	55 6

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 0.125%	02-2023	4.02	4.02	_
United States Treasury Notes 0.5%	11-2023	3.43	7.45	_
€ Fixed Inc Clearing Corp.Repo	09-2022	2.72	10.17	_
⊕ Ultra US Treasury Bond Future Dec 22	12-2022	2.70	12.87	_
DISH Network Corporation 3.375%	08-2026	2.68	15.55	-
United States Treasury Notes 0.125%	01-2023	2.30	17.85	_
United States Treasury Notes 0.875%	01-2024	1.79	19.65	_
TOBACCO SETTLEMENT FING CORP VA 6.706%	06-2046	1.57	21.22	_
United States Treasury Bills 0.01%	10-2022	1.51	22.73	_
United States Treasury Notes 0.125%	04-2023	1.36	24.08	_

Total Holdings 531



MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

Edward (ted) Maloney since 04-2012 Alison O'Neill since 05-2018 Jude Jason since 06-2021

Quantitative Screens

- Q 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 10.5 years.
- Net Expense: The fund's expense ratio of 0.37 is 53.75% lower than the Large Blend category average.

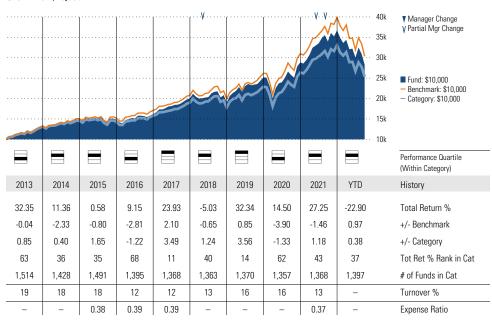
Morningstar Investment Management LLC Analysis

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

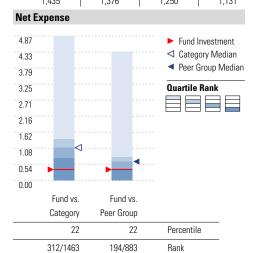
ESG Metrics

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

Growth of \$10,000



Trailing Performance Total Return % 15% as of 09-30-2022 Fund 5 Benchmark 0 Category -10 -15 -20 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % -5.79 -16.706.53 8.54 11.09 12.22 10.51 -4.88 -15.47 8.16 9.24 11.70 Benchmark Return % -4 99 -15 83 6 77 7 74 10.38 Category Average % 77 57 65 41 40 % Rank in Category 1.435 1.376 1.250 1.131 828 # of Funds in Category



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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-1.17	_	-1.32
Beta	0.94	_	0.96
R-Squared	98.10	_	95.48
Standard Deviation	19.37	20.30	19.87
Sharpe Ratio	0.39	0.45	0.37
Tracking Error	2.89	_	4.01
Information Ratio	-0.56	_	-0.98
Up Capture Ratio	93.48	_	92.89
Down Capture Ratio	97.77	-	97.59

Portfolio Metrics								
	Fund	Bmark	Cat					
Price/Earnings Ratio	21.57	17.98	18.23					
Price/Book Ratio	3.67	3.38	3.60					
Geom Avg Mkt Cap \$B	143.38	164.20	210.33					
ROE	28.71	31.94	32.91					

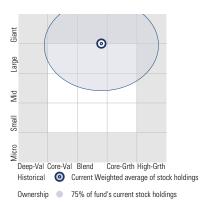


MFS Massachusetts Investors Tr R6 MITJX

Morningstar Index S&P 500 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

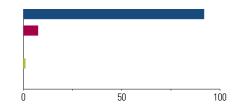
10	34	41	Large
1	12	2	Mid
0	1	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



Total	100.00	100.00
Other	0.00	1.09
Cash	0.88	0.53
Bonds	0.00	0.87
Non-US Stocks	7.32	2.67
US Stocks	91.80	94.84
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	Bench	mark [Catego	ry Avera	ge	
• Cyclical	27.32	29.69	29.07							
Basic Materials	2.17	2.24	2.66							
Consumer Cyclical	6.88	11.44	10.23		ı [<u> </u>					
Financial Services	14.46	13.11	13.64							
Real Estate	3.81	2.90	2.54							
Sensitive	42.96	44.73	45.16							
Communication Services	10.14	8.07	7.92							
Energy	2.68	4.55	4.06							
Industrials	8.37	8.32	10.09							
Technology	21.77	23.79	23.09				= []			
▶ Defensive	29.72	25.58	25.75							
Consumer Defensive	9.68	7.33	7.35		į į					
Healthcare	18.98	15.18	15.61							
Utilities	1.06	3.07	2.79							

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.38	6.38	-30.20	Technology
	4.79	11.17	-33.97	Communication Svc
	2.89	14.07	-21.79	Technology
○ ConocoPhillips	2.66	16.73	47.02	Energy
⊖ Johnson & Johnson	2.34	19.07	-2.57	Healthcare
	2.21	21.28	-32.11	Financial Services
⊕ Bank of America Corp	2.08	23.35	-30.68	Financial Services
	2.08	25.43	-17.50	Financial Services
○ Vertex Pharmaceuticals Inc	1.98	27.41	31.85	Healthcare
	1.96	29.37	-23.85	Healthcare
— American Tower Corp	1.90	31.28	-25.63	Real Estate
⊖ Honeywell International Inc	1.85	33.13	-18.51	Industrials
	1.84	34.96	-20.46	Financial Services
	1.83	36.80	-11.86	Communication Svc
→ Becton, Dickinson and Co	1.83	38.62	-8.96	Healthcare

Total Holdings 72



MFS New Discovery R6 MNDKX

Morningstar Category Small Growth

Morningstar Index

Russell 2000 Growth TR USD

Portfolio Manager(s)

Michael Grossman since 12-2013

Quantitative Screens

- Performance: The fund has finished in the Small Growth category's top three quartiles in 8 of the 10 years it's been
- Management: The fund's management has been in place for 8.75 years.
- Style: The fund has landed in its primary style box Small Growth — 69.7 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.89 is 25.21% lower than the Small Growth category average.

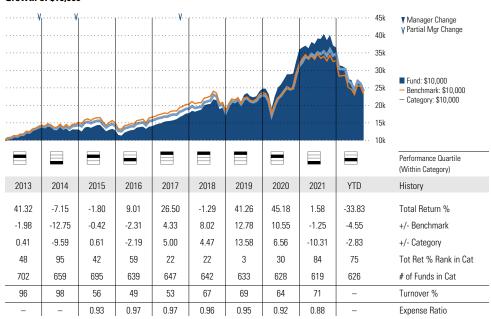
Morningstar Investment Management LLC Analysis

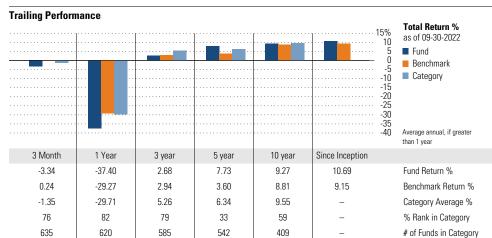
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

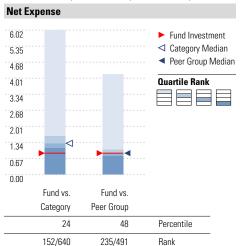
ESG Metrics

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

Growth of \$10,000







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	-0.07	_	2.14
Beta	0.93	_	0.95
R-Squared	93.65	_	91.07
Standard Deviation	25.09	25.97	26.02
Sharpe Ratio	0.20	0.21	0.28
Tracking Error	6.54	_	7.98
Information Ratio	-0.04	_	0.25
Up Capture Ratio	92.19	-	99.82
Down Capture Ratio	92.66	-	94.40

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



MFS New Discovery R6 MNDKX

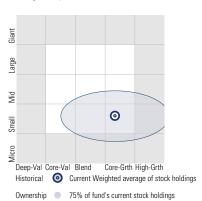
Morningstar Category Small Growth

Morningstar Index

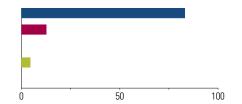
Russell 2000 Growth TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Asset Allocation as of 09-30-2022



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

Sector Weighting as of 09	-30-2022			
	Fund	Bmark	Cat	Fund Benchmark Category Average
∿ Cyclical	33.07	22.42	26.13	
Basic Materials	5.89	4.64	2.94	
Consumer Cyclical	13.83	9.56	10.91	
Financial Services	10.80	6.09	9.44	
neal Estate	2.55	2.13	2.84	
₩ Sensitive	48.00	45.97	45.90	
Communication Services	4.32	2.30	2.05	
Energy	4.33	6.53	3.69	
□ Industrials	12.00	16.49	16.99	
Technology	27.35	20.65	23.17	
→ Defensive	18.94	31.62	27.98	
Consumer Defensive	2.73	4.53	4.67	
Healthcare	16.21	25.17	22.34	
Utilities Utilities	0.00	1.92	0.97	

15 20 25 30 35

Style Breakdown

Equity

. ,			
0	0	0	Large
1	7	12	Mid
9	40	31	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10

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

Total Holdings 109

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



45 50

PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Commodities Broad Basket Morningstar Index

Bloomberg Commodity TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.76 is 26.92% lower than the Commodities Broad Basket category average.

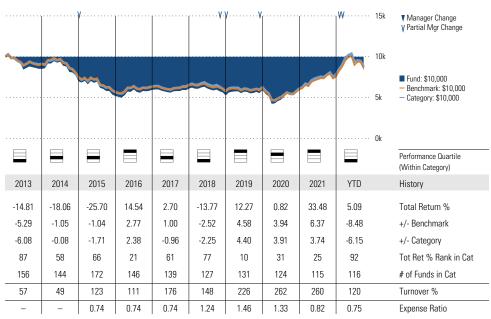
Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

Growth of \$10,000



Trailing Performance Total Return % as of 09-30-2022 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year -8.58 4.81 14.52 7.60 -2.373.91 Fund Return % -4.11 11.80 13.45 6.96 -2.14 2.80 Benchmark Return % -6.81 12.60 13 65 7 14 -1 83 Category Average % 72 95 36 38 71 % Rank in Category 117 115 109 92 66 # of Funds in Category

Net Exp	ense		
3.08			► Fund Investment
2.74			Category Median
2.40			 Peer Group Median
2.05			Quartile Rank
1.71			
1.37			
1.03			
0.68			
0.34			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
-	37	56	Percentile

44/117	39/70	Rank					
Peer group is a subset of the category and includes funds with the							
same management style (active vs. passi	ive) and similar	share class				
characteristics							

3- Teal hisk wiellics			
	Fund	Bmark	Cat
Alpha	-0.72	_	0.25
Beta	1.17	_	1.03
R-Squared	95.96	_	86.02
Standard Deviation	22.45	18.76	21.13
Sharpe Ratio	0.69	0.73	0.70
Tracking Error	5.55	_	7.77
Information Ratio	0.19	_	0.08
Up Capture Ratio	113.17	_	102.21
Down Capture Ratio	115.56	-	102.72

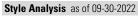
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	_	8.51
Price/Book Ratio	1.51	-	1.62
Geom Avg Mkt Cap \$B	20.09	-	29.32
ROE	16.78	-	22.38



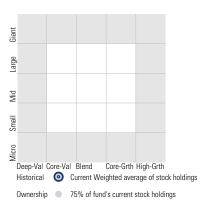
PIMCO Commodity Real Ret Strat Instl PCRIX

Morningstar Category Morningstar Index Commodities Broad Basket

Bloomberg Commodity TR USD



Morningstar Style Box™



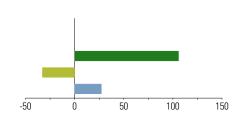


Equity



Value Blend Growth

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



Asset Allocation as of 09-30-2022

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

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

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ United States Treasury Notes 0.125%	21.22	21.22	_	_
→ U S TIPS REV REPO	21.20	42.42	_	_
⇒ U S TIPS REV REPO	21.17	63.59	_	_
☆ Offset: Unsettled Trades	17.24	80.83	_	-
⊕ 2 Year Treasury Note Future Sept 22	12.37	93.20	-	_
① United States Treasury Notes 0.625%	9.25	102.45	_	_
→ 10 Year Treasury Note Future Sept 22	8.54	110.99	_	-
	8.40	119.39	_	_
∋ Fin Fut 10Yr Jgb Ose 09/12/22	8.26	127.65	_	_
⊕ 3 Month Euribor TAS Future Mar 23	7.05	134.70	-	_
☆ Cash Offset	6.91	141.61	_	_
⊖ Euro Schatz Future Sept 22	6.87	148.48	-	_
	6.82	155.30	-	_
① United States Treasury Notes 0.75%	6.69	161.99	-	_
EUROPEAN MONETARY UNION EURO Purchased	6.04	168.04	_	_

Total Holdings 859



PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index

Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 8.02 years.

Style Consistency is not calculated for Fixed Income funds.

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

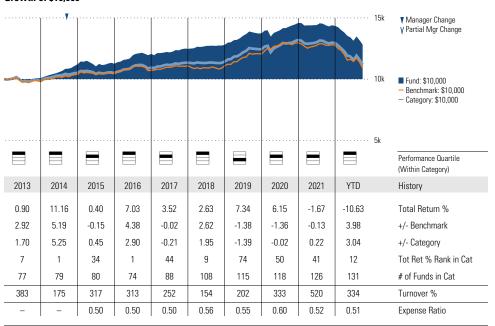
Morningstar Investment Management LLC Analysis

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

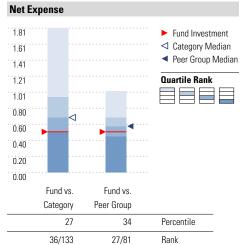
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	04-30-2022

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.27	_	-0.51
Beta	0.68	_	0.93
R-Squared	60.60	_	65.72
Standard Deviation	4.66	5.36	6.17
Sharpe Ratio	-0.64	-0.70	-0.68
Tracking Error	3.40	_	3.89
Information Ratio	0.23	_	-0.06
Up Capture Ratio	71.64	_	102.95
Down Capture Ratio	73.54	_	105.74

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.67	4.43	6.92
Avg Eff Maturity	7.68	_	7.77



PIMCO International Bond (USD-Hdg) Instl PFORX

Morningstar Category Global Bond-USD Hedged Morningstar Index Bloomberg US Agg Bond TR USD

Style Analysis as of 09-30-2022
Style Breakdown
Fixed Income

Ouality

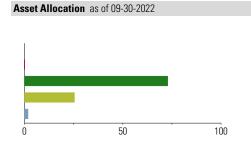
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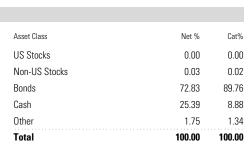
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Mod Ext

Duration





Credit Rating Breakdown	Fund	Bmark	Cat
AAA	38.20	3.53	28.16
AA	19.50	74.59	13.39
A	24.27	10.82	29.25
BBB	12.34	8.32	16.02
BB	2.18	0.28	5.41
В	0.87	0.00	2.47
Below B	2.65	0.00	0.52
Not Rated	0.00	2.46	4.79

Sector Weighting as of 09-	30-2022													
	Fund	Bmark	Cat	Fund		▼ Ben	chmark	[] Ca	ategory	Avera	ge			
Government	40.62	-	48.81											
Treasury	5.10	_	36.04											
Inflation - Protected	0.41	-	1.12	1[
Agency/Quasi Agency	1.49	-	5.97											
Other Government Related	33.62	_	5.68											
Corporate	3.60	-	12.31]							
Corporate Bond	2.60	_	11.41											
Bank Loan	0.06	_	0.11											
Convertible	0.76	_	0.79	•										
Preferred	0.18	_	0.00	ĺ										
Securitized	8.07	-	5.28											
Agency MBS Pass-Through	2.80	_	2.75											
Agency MBS ARM	0.00	_	0.00											
Agency MBS CMO	0.02	_	0.32	0										
Non-Agency Residential MBS	1.24	_	0.09	<u></u>										
Commercial MBS	0.25	_	0.46	0										
Asset-Backed	2.96	_	1.37											
Covered Bond	0.80	_	0.29	0										
Municipal	0.03	_	0.10											
Cash & Equivalents	31.75	-	19.83				:							
Other	15.04	_	13.55											
				0%	5	10	15	20	25	30	35	40	45	50

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ RFR USD SOFR/1.32000 12/21/22-1Y LCH Pay	12-2023	35.51	35.51	_
→ RFR USD SOFR/1.32000 12/21/22-1Y LCH Receive	12-2023	34.83	70.34	_
⊕ IRS EUR -0.25000 09/21/22-5Y LCH Pay	09-2027	19.92	90.26	_
⊕ IRS EUR -0.25000 09/21/22-5Y LCH Receive	09-2027	17.85	108.11	_
⊕ Euro Schatz Future Sept 22	09-2022	15.22	123.33	-
⊇ 2 Year Treasury Note Future Sept 22	10-2022	14.19	137.52	_
⊕ IRS EUR 0.25000 09/21/22-10Y LCH Pay	09-2032	12.95	150.46	_
→ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Pay	11-2023	11.96	162.42	_
∋ IRO USD 1Y P 1.27000 L 11/02/22 GLM	11-2022	11.92	174.34	_
⇒ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Receive	11-2023	11.69	186.02	_

Total Holdings 1724



Vanguard 500 Index Admiral VFIAX

Morningstar Category Large Blend

Morningstar Index S&P 500 TR USD

Portfolio Manager(s)

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

Quantitative Screens

- ✓ Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 6.43 years.
- Style: The fund has landed in its primary style box Large Blend — 100 % of the time over the past three years.
- Net Expense: The fund's expense ratio of 0.04 is 95% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

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

Growth of \$10,000



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



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

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



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

Asset Allocation as of 09-30-2022

Morningstar Category Morningstar Index

Large Blend S&P 500 TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

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

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



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

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

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

Total Holdings 506



Vanguard High-Yield Corporate Adm VWEAX

Morningstar Category High Yield Bond

Morningstar Index

ICE BofA US High Yield TR USD

Portfolio Manager(s)

Michael Hong since 02-2008

Quantitative Screens

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

Management: The fund's management has been in place for 14.64 years.

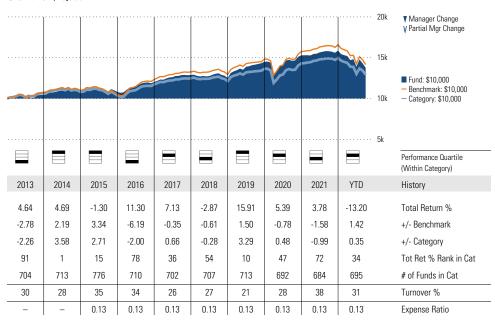
Style Consistency is not calculated for Fixed Income funds.

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

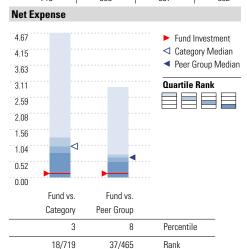
Morningstar Investment Management LLC Analysis

This 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 wetrics			
	Fund	Bmark	Cat
Alpha	-0.35	_	-0.22
Beta	0.89	_	0.95
R-Squared	98.02	-	95.19
Standard Deviation	10.06	11.14	10.79
Sharpe Ratio	-0.10	-0.06	-0.07
Tracking Error	1.84	_	2.50
Information Ratio	-0.12	_	-0.16
Up Capture Ratio	87.81	_	91.62
Down Capture Ratio	90.47	_	93.77

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.96	-	3.71
Avg Eff Maturity	5.80	-	5.59



Vanguard High-Yield Corporate Adm VWEAX

High Yield Bond ICE BofA US High Yield TR USD

Morningstar Index

Morningstar Category



0	50	100	Total	100.00	100.00
			Other	1.60	4.13
			Cash	2.17	3.24
			Bonds	96.23	91.71
			Non-US Stocks	0.00	0.03
			US Stocks	0.00	0.89
			Asset Class	Net %	Cat%
Asset Allocation	n as of 09-30-2022				

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	5.33	-	1.75
AA	-0.02	-	0.05
A	0.00	-	0.19
BBB	4.99	-	4.19
BB	53.79	_	35.65
В	31.24	_	37.64
Below B	4.70	_	18.17
Not Rated	-0.03	_	2.36

	Fund	Bmark	Cat	Fund • Benchmark Category Average
Government	4.01		2.39	
Treasury	4.01	_	0.69	
Inflation – Protected	0.00	_	0.01	
Agency/Quasi Agency	0.00	_	0.12	
Other Government Related	0.00	_	1.57	
Corporate	93.72	_	88.30	
Corporate Bond	86.25	_	81.83	
Bank Loan	5.87	_	5.20	
Convertible	1.60	_	1.18	
Preferred	0.00	_	0.09	
Securitized	0.00	_	2.07	
Agency MBS Pass-Through	0.00	_	0.06	
Agency MBS ARM	0.00	_	0.00	
Agency MBS CMO	0.00	_	0.22	
Non-Agency Residential MBS	0.00	_	0.14	
Commercial MBS	0.00	_	0.61	
Asset-Backed	0.00	_	1.04	
Covered Bond	0.00	_	0.00	
Municipal	0.00	_	0.03	
Cash & Equivalents	2.27	_	6.13	
Other	0.00	_	1.08	

0.72

9.31

Top 10 Holdings as of 09-30-2022 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ① T-Mobile US Inc 1.26 1.26 United States Treasury Notes 1.01 2.27 United States Treasury Notes 1.01 3.27 United States Treasury Notes 1.00 4.28 ① United States Treasury Notes 5.28 1.00 United States Treasury Notes 0.99 6.27 Imola Merger Corp. 0.85 7.13 Herc Holdings Inc 0.73 7.86 Mozart Debt Merger Subordinated Incorporated 0.73 8.59

Total Holdings 639

Credit Suisse Group AG



Vanguard Inflation-Protected Secs Adm VAIPX

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

Portfolio Manager(s)

John Madziyire since 11-2021

Quantitative Screens

Performance: The fund has finished in the Inflation-Protected Bond category's top three quartiles in 10 of the 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 0.1 is 83.05% lower than the Inflation-Protected Bond category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

Growth of \$10,000



Trailing Performance





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

21/166

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.09	_	0.20
Beta	0.97	-	0.91
R-Squared	99.43	_	88.08
Standard Deviation	6.68	6.87	6.78
Sharpe Ratio	0.04	0.06	0.10
Tracking Error	0.54	_	2.52
Information Ratio	-0.19	_	-0.20
Up Capture Ratio	95.25	_	92.73
Down Capture Ratio	96.11	_	90.87

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.37	4.52	6.08
Avg Eff Maturity	7.70	-	6.57

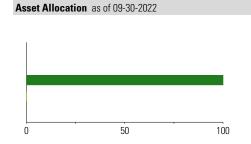


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Vanguard Inflation-Protected Secs Adm VAIPX

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





Total	100.00	100.00
Other	0.00	0.95
Cash	0.01	1.40
Bonds	99.99	97.50
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.15
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.96	0.00	94.89
AA	0.00	99.60	0.55
A	0.00	0.00	1.01
BBB	0.00	0.00	2.40
BB	0.00	0.00	0.41
В	0.00	0.00	0.24
Below B	0.00	0.00	0.11
Not Rated	0.04	0.40	0.39

Sector Weighting as of 09-3	30-2022					
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Government	99.97	_	89.38			
Treasury	0.00	_	0.32			
Inflation - Protected	99.97	_	83.82			
Agency/Quasi Agency	0.00	_	0.03			
Other Government Related	0.00	_	5.21			
Corporate	0.00	_	2.54	10		
Corporate Bond	0.00	_	2.26	0		
Bank Loan	0.00	-	0.18			
Convertible	0.00	_	0.10			
Preferred	0.00	_	0.00	Ó		
Securitized	0.00	-	4.91	1 0		
Agency MBS Pass-Through	0.00	_	0.60	0		
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	_	0.41			
Non-Agency Residential MBS	0.00	_	0.24			
Commercial MBS	0.00	_	0.84	0		
Asset-Backed	0.00	_	2.64	i [] i		
Covered Bond	0.00	_	0.18			
Municipal	0.00	_	0.02	0		
Cash & Equivalents	0.03	-	2.40	[]		
Other	0.00	-	0.74	0		

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

Top 10 Holdings as of 09-30-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes	_	6.32	6.32	_
⊕ United States Treasury Notes	_	4.11	10.44	-
	_	3.73	14.17	-
⊕ United States Treasury Notes	_	3.54	17.71	-
⊕ United States Treasury Notes	-	3.33	21.04	-
United States Treasury Notes	-	3.23	24.27	_
⊖ United States Treasury Notes	_	2.99	27.26	-
United States Treasury Notes	_	2.88	30.14	-
⊕ United States Treasury Notes	_	2.80	32.94	-
United States Treasury Notes	_	2.74	35.68	_

Total Holdings 49



Vanguard International Growth Adm VWILX

Morningstar Category Foreign Large Growth

Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 12.76 years.
- Style: The fund has landed in its primary style box Large Growth — 100 % of the time over the past three
- Net Expense: The fund's expense ratio of 0.32 is 69.52% lower than the Foreign Large Growth category average.

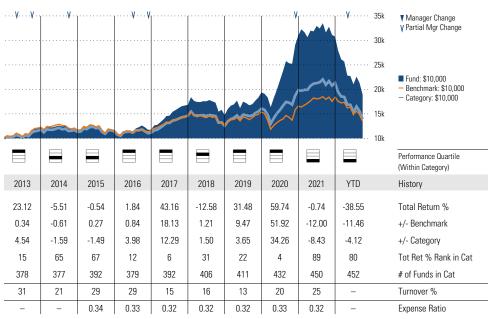
Morningstar Investment Management LLC Analysis

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

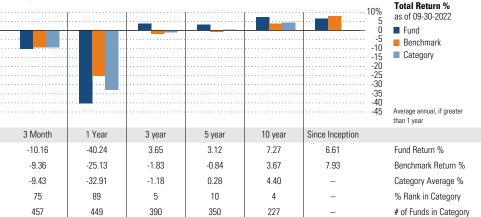
ESG Metrics

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

Growth of \$10,000



Trailing Performance



3-Year Risk Metrics

Down Capture Ratio

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

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

Fund **Bmark** Cat Alpha 6.31 0.70 0.97 Reta 1 04 R-Squared 72.31 83.00 Standard Deviation 23 42 19 12 20 41 Sharpe Ratio 0.24 -0 04 0.00 Tracking Error 12.35 8.47 Information Ratio 0.44 0.06 Up Capture Ratio 116.70 105.45

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

95.06

103.29



Vanguard International Growth Adm VWILX

Morningstar Category Foreign Large Growth N

Morningstar Index MSCI EAFE NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

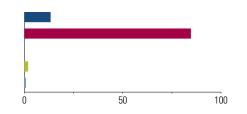
10	33	44	Large
1	4	8	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

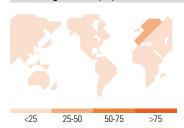
Asset Allocation as of 09-30-2022



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

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

World Regions % Equity 09-30-2022



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

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

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

Total Holdings 145



Vanguard International Value Inv VTRIX

Morningstar Category Foreign Large Value Morningstar Index MSCI EAFE NR USD

Portfolio Manager(s)

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

Quantitative Screens

- Performance: The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 12.35 years.
- Style: The fund has landed in its primary style box —
 Large Value 81.82 % of the time over the past three vears.
- Net Expense: The fund's expense ratio of 0.36 is 63.27% lower than the Foreign Large Value category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

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

Growth of \$10,000







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

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





Vanguard International Value Inv VTRIX

Morningstar CategoryMorningstar IndexForeign Large ValueMSCI EAFE NR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

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

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



50

Asset Allocation as of 09-30-2022



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

100

World Regions % Equity 09-30-2022



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

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

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

Total Holdings 238

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



Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Allocation--30% to 50% Morningstar Index

USD

Morningstar US Mod Con Tgt Alloc NR USD

Expense Ratio

Portfolio Manager(s)

Walter Nejman since 02-2022 William Coleman since 02-2022

Quantitative Screens

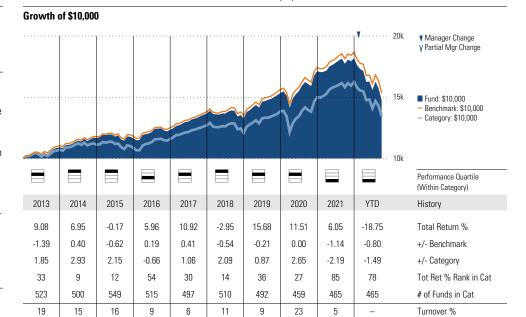
- Performance: The fund has finished in the Allocation--30% to 50% Equity category's top three quartiles in 8 of the 10 years it's been in existence.
- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.12 is 87.23% lower than the Allocation--30% to 50% Equity category average.

Morningstar Investment Management LLC Analysis

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

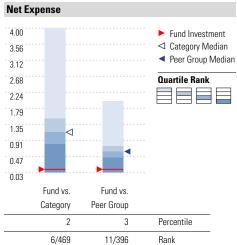
ESG Metrics

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





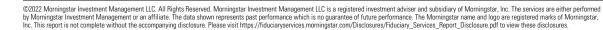
3-Year Risk Metrics



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

	Fund	Bmark	Cat
Alpha	-0.75	-	-0.36
Beta	1.00	-	1.05
R-Squared	99.45	-	93.02
Standard Deviation	9.85	9.78	10.62
Sharpe Ratio	-0.04	0.03	0.01
Tracking Error	0.73	-	2.94
Information Ratio	-1.03	-	-0.11
Up Capture Ratio	97.02	-	102.55
Down Capture Ratio	102.69	_	105.68

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.51	14.88	15.27
Price/Book Ratio	2.29	2.34	2.52
Avg Eff Duration	7.02	6.45	5.27





Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

Morningstar Category Allocation--30% to 50%

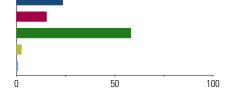
Morningstar Index

Morningstar US Mod Con Tgt Alloc NR

Style Analysis as of 09-30-2022

Morningstar Style Box™



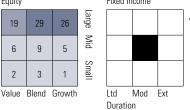


Asset Allocation as of 09-30-2022



Style Breakdown

Equity





>50 25-50 10-25 0-10

		Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	gory Ave	rage	_	
b	Cyclical	34.82	33.90	35.53									
à.	Basic Materials	4.76	4.13	3.67									
	Consumer Cyclical	10.77	11.39	9.21									
<u></u>	Financial Services	15.48	14.90	14.07									
b	Real Estate	3.81	3.48	8.58									
NF	Sensitive	41.82	42.04	38.80									
	Communication Services	7.46	6.90	6.45									
	Energy	4.87	5.01	5.29									
þ	Industrials	10.67	10.46	9.52									
2	Technology	18.82	19.67	17.54						_ :			
+	Defensive	23.35	24.06	25.66									
Ę	Consumer Defensive	7.30	7.45	7.27									
1	Healthcare	12.92	13.50	14.41				I					
•	Utilities	3.13	3.11	3.98									

Top 6 Holdings as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Bond Market II Idx Inv	_	41.06	41.06	_	_
○ Vanguard Total Stock Mkt Idx Inv	_	23.86	64.93	_	_
	_	18.22	83.15	_	_
Vanguard Total Intl Stock Index Inv	_	15.62	98.77	_	_
① Mktliq 12/31/2049	_	1.23	100.00	_	_
⊖ Us Dollar	-	0.00	100.00	_	_

Total Holdings 6



Vanguard LifeStrategy Growth Inv VASGX

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

Morningstar US Mod Agg Tgt Alloc NR

Expense Ratio

Portfolio Manager(s)

Walter Nejman since 02-2022 William Coleman since 02-2022

Quantitative Screens

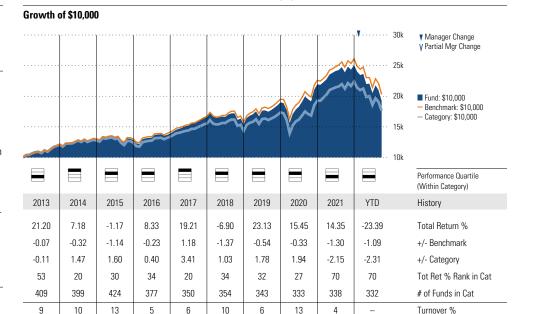
- Performance: The fund has finished in the Allocation-70% to 85% Equity category's top three quartiles in 10 of the 10 years it's been in existence.
- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.14 is 86% lower than the Allocation--70% to 85% Equity category average.

Morningstar Investment Management LLC Analysis

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

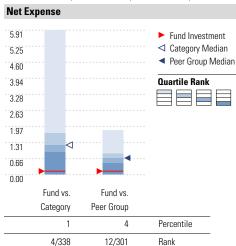
ESG Metrics

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





3-Year Risk Metrics



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

	Fund	Bmark	Cat
Alpha	-0.92	-	-0.84
Beta	1.01	-	1.01
R-Squared	99.52	-	94.73
Standard Deviation	16.32	16.07	16.75
Sharpe Ratio	0.20	0.26	0.21
Tracking Error	1.15	-	3.73
Information Ratio	-0.81	-	-0.29
Up Capture Ratio	99.02	-	98.74
Down Capture Ratio	103.20	-	103.04

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.54	14.84	13.67
Price/Book Ratio	2.30	2.34	2.27
Avg Eff Duration	7.03	6.45	5.75



Vanguard LifeStrategy Growth Inv VASGX

Morningstar Category Allocation--70% to 85%

Morningstar Index

Morningstar US Mod Agg Tgt Alloc NR

Style Analysis as of 09-30-2022

Morningstar Style Box™



Asset Allocation as of 09-30-2022

Asset Class 56.26 US Stocks 47.38 Non-US Stocks 30.28 17.28 Bonds 19.26 16.19 2.86 Cash 4.96 Other 0.23 5.32 Total 100.00 100.00

Style Breakdown

Equity				Fixed Ir	ncome		Quality
19	29	26	Large				High
5	9	5	Mid				Mid
2	3	2	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod	Ext	,

Fixed I	ncome		Quality
			High
			Mid
			Low
Ltd	Mod	Ext	_

>50 25-50 10-25 0-10

			_ uuanii
			High
			Mid
			Low
Ltd Durat	Mod	Ext	_

Se	ctor Weighting as of 09-3	30-2022											
		Fund	Bmark	Cat	Fund	•	Bench	mark	Cate	gory Av	erage		
Դ	Cyclical	34.78	33.95	34.58									
A.	Basic Materials	4.74	4.16	4.55									
A	Consumer Cyclical	10.78	11.40	10.63				<u> </u>					
,	Financial Services	15.46	14.93	15.41									
俞	Real Estate	3.80	3.46	3.99		0							
W	Sensitive	41.82	42.09	42.04									
	Communication Services	7.46	6.95	8.07			10						
ð	Energy	4.86	5.01	5.15									
Ф	Industrials	10.65	10.42	10.67									
	Technology	18.85	19.71	18.15						_ :			
—	Defensive	23.40	23.96	23.36									
Ħ	Consumer Defensive	7.31	7.43	6.82			*						
+	Healthcare	12.95	13.42	13.36				•[
•	Utilities	3.14	3.11	3.18									
					0%	5	10	15	20	25	30	35	_

50

Top 6 Holdings as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Vanguard Total Stock Mkt Idx Inv	_	48.14	48.14	_	_
Vanguard Total Intl Stock Index Inv	_	31.02	79.16	_	_
○ Vanguard Total Bond Market II ldx Inv	_	13.46	92.62	_	_
Vanguard Total Intl Bd II Idx Investor	_	6.17	98.79	_	_
① Mktliq 12/31/2049	-	1.20	99.99	-	_
⊖ Us Dollar	-	0.01	100.00	-	-

Total Holdings 6



Vanguard LifeStrategy Income Inv VASIX

Morningstar Category Allocation--15% to 30% Morningstar Index

Fauity

Morningstar US Con Tgt Alloc NR USD

Expense Ratio

Portfolio Manager(s)

Walter Nejman since 02-2022 William Coleman since 02-2022

Quantitative Screens

Performance: The fund has finished in the Allocation--15% to 30% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

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

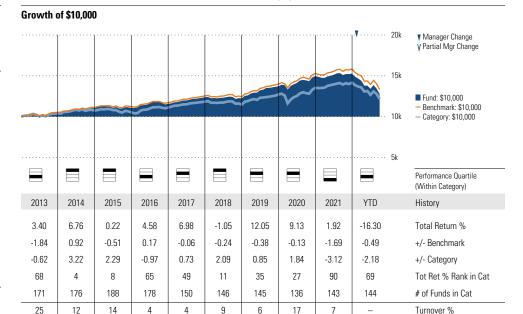
Net Expense: The fund's expense ratio of 0.11 is 88.89% lower than the Allocation--15% to 30% Equity category average.

Morningstar Investment Management LLC Analysis

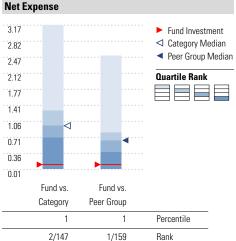
Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
FSG Commitment	1-l ow	02-15-2022



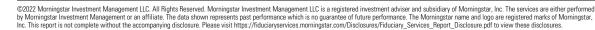




Peer group is a subset of the category and includes funds with the
same management style (active vs. passive) and similar share class
characteristics.

	Fund	Bmark	Cat
Alpha	-0.95	-	0.28
Beta	0.98	-	1.05
R-Squared	98.61	-	87.94
Standard Deviation	6.98	7.11	7.99
Sharpe Ratio	-0.32	-0.19	-0.14
Tracking Error	0.84	-	2.84
Information Ratio	-1.08	-	0.02
Up Capture Ratio	89.68	-	106.65
Down Capture Ratio	100.05	-	104.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.44	15.03	15.59
Price/Book Ratio	2.27	2.39	2.36
Avg Eff Duration	7.02	6.45	4.23

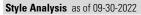




Vanguard LifeStrategy Income Inv VASIX

Morningstar Category Allocation--15% to 30% Morningstar Index

Morningstar US Con Tgt Alloc NR USD



Morningstar Style Box™

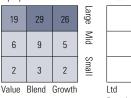


100

Asset Allocation as of 09-30-2022



Style Breakdown Equity





19	29	Zb	ge
6	9	5	Mid
2	3	2	Small
'alue	Blend	Growth	
Veight 9	%		



		Fund	Bmark	Cat	Fund	▼	Bench	mark	Cate	gory Ave	erage	-	
Ն	Cyclical	34.88	33.64	32.78									
ů.	Basic Materials	4.80	4.01	3.08									
A	Consumer Cyclical	10.77	11.39	9.25				1					
	Financial Services	15.52	14.79	13.08									
æ	Real Estate	3.79	3.45	7.37		i [_
M	Sensitive	41.76	42.27	41.73									
	Communication Services	7.47	6.95	6.62									
ð	Energy	4.85	4.99	7.22		_ [
Ф	Industrials	10.72	10.36	9.92					Ė				
	Technology	18.72	19.97	17.97									
→	Defensive	23.37	24.08	25.49									
=	Consumer Defensive	7.31	7.42	6.99			'						
٠	Healthcare	12.91	13.58	12.71			- :	0					
•	Utilities	3.15	3.08	5.79		ĺ							

Top 6 Holdings as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	_	55.28	55.28	_	_
◆ Vanguard Total Intl Bd II Idx Investor	-	24.22	79.51	_	-
Vanguard Total Stock Mkt Idx Inv	_	11.43	90.93	_	-
Vanguard Total Intl Stock Index Inv	_	7.76	98.69	_	-
⊕ Mktliq 12/31/2049	-	1.28	99.98	-	-
⊖ Us Dollar	-	0.02	100.00	_	_

Total Holdings 6



Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

nuity.

Morningstar US Mod Tgt Alloc NR USD

Portfolio Manager(s)

Walter Nejman since 02-2022 William Coleman since 02-2022

Quantitative Screens

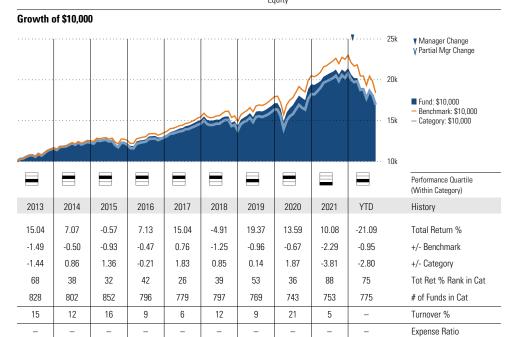
- Performance: The fund has finished in the Allocation--50% to 70% Equity category's top three quartiles in 9 of the 10 years it's been in existence.
- × *Management:* The fund's management team has been in place for less than three years.
- Net Expense: The fund's expense ratio of 0.13 is 87.38% lower than the Allocation--50% to 70% Equity category average.

Morningstar Investment Management LLC Analysis

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

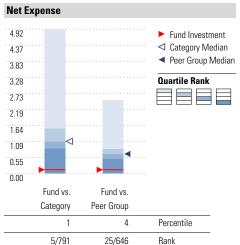
ESG Metrics

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





3-Year Risk Metrics



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

	Fund	Bmark	Cat
Alpha	-1.30	-	-0.19
Beta	0.98	-	1.01
R-Squared	99.23	-	93.81
Standard Deviation	13.03	13.19	13.79
Sharpe Ratio	0.11	0.21	0.19
Tracking Error	1.16	-	3.33
Information Ratio	-1.18	-	-0.07
Up Capture Ratio	93.51	_	100.14
Down Capture Ratio	100.54	-	101.57

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.53	15.39	15.85
Price/Book Ratio	2.29	2.51	2.63
Avg Eff Duration	7.02	6.45	5.02

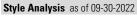




Vanguard LifeStrategy Moderate Gr Inv VSMGX

Morningstar Category Allocation--50% to 70%

Morningstar US Mod Tgt Alloc NR USD



Morningstar Style Box™



Asset Allocation as of 09-30-2022 Asset Class Net % Cat% **US Stocks** 35.53 46.54 Non-US Stocks 22.83 9.57 38.43 Bonds 34.14 Cash 2.76 6 18 Other 0.44 3.56 50 100.00 Total 100.00

Cat Fund Bmark Fund Դ Cyclical 34.79 33.09 31.49 A Basic Materials 4.74 3.71 3.59 Ownership 75% of fund's current stock holdings Consumer Cyclical 10.78 11.45 10.46 Financial Services 15.47 14.48 侖 Real Estate 3.80 3 45 3 01 Style Breakdown Equity Fixed Income Quality 41.82 42.78 High **Communication Services** 7.46 7 08 7 49 19 26 • Energy 4.86 4.91 4.91 Μd Mid5 5 9 Ф Industrials 10.65 10.05 10.25 Low Technology 18.85 20.74 20.28 2 3 1 Defensive 23.38 24.12 25.60 Value Blend Growth Ltd Mod 7.30 Consumer Defensive 7.27 7.10 Duration 15.05 Healthcare 12.94 13.76 Weight % Utilities 3.14 3.09 3.45 >50 25-50 10-25 0-10 10 15 20 25 30 35 40 45

Sector Weighting as of 09-30-2022

Top 6 Holdings as of 09-30-2022					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Inv	_	36.10	36.10	_	_
○ Vanguard Total Bond Market II Idx Inv	-	27.04	63.15	_	-
⊕ Vanguard Total Intl Stock Index Inv	_	23.39	86.54	_	_
⊕ Vanguard Total Intl Bd II Idx Investor	_	12.14	98.68	_	_
⊕ Mktliq 12/31/2049	-	1.27	99.95	-	-
① Us Dollar	_	0.05	100.00	_	-

Total Holdings 6



Vanguard Mid-Cap Growth Index Admiral VMGMX

Morningstar Category Mid-Cap Growth

Morningstar Index

Russell Mid Cap Growth TR USD

Portfolio Manager(s)

Donald Butler since 02-2013 Awais Khan since 07-2021

Quantitative Screens

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

Management: The fund's management has been in place for 9.61 years.

Net Expense: The fund's expense ratio of 0.07 is 93.33% lower than the Mid-Cap Growth category average.

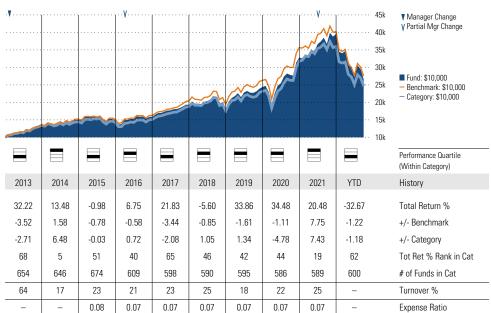
Morningstar Investment Management LLC Analysis

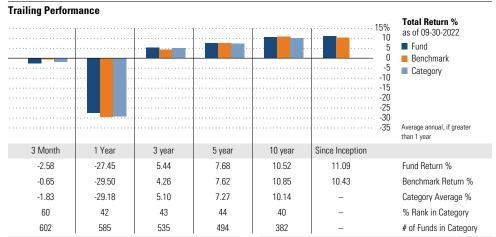
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

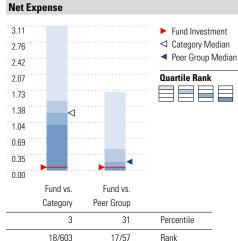
ESG Metrics

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

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.18	_	0.85
Beta	1.00	_	0.99
R-Squared	98.69	_	91.53
Standard Deviation	24.28	24.18	25.14
Sharpe Ratio	0.31	0.26	0.28
Tracking Error	2.78	-	7.20
Information Ratio	0.42	-	-0.02
Up Capture Ratio	102.47	-	100.98
Down Capture Ratio	98.97	_	99.49

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	28.54	22.23	24.18
Price/Book Ratio	4.83	5.66	3.64
Geom Avg Mkt Cap \$B	24.50	18.22	14.41
ROE	18.66	25.45	18.11



Vanguard Mid-Cap Growth Index Admiral VMGMX

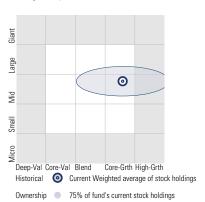
Morningstar Category

Mid-Cap Growth

Morningstar Index Russell Mid Cap Growth TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

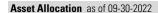
Equity

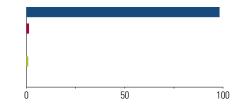
3	4	16	Laige
3	32	42	MIN
0	0	0	JIIdii

Value Blend Growth

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.00	0.33
Cash	0.75	3.50
Bonds	0.00	0.07
Non-US Stocks	1.13	3.96
US Stocks	98.12	92.12
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fun	d	▼ B	enchr	nark	∏ Ca	teaon	y Aver	age				
Դ	Cyclical	26.25	25.90	28.48						. 1			-3-				
A	Basic Materials	3.87	2.90	2.50													
Д	Consumer Cyclical	9.26	15.37	12.72				[
, L	Financial Services	5.55	5.63	9.78													
ŵ	Real Estate	7.57	2.00	3.48													
W	Sensitive	55.77	54.51	48.04												_	
	Communication Services	6.10	4.82	3.34													
•	Energy	5.27	4.69	2.97													
Ф	Industrials	13.30	15.84	14.50		-		• [
	Technology	31.10	29.16	27.23													
→	Defensive	17.99	19.59	23.47													
Ħ	Consumer Defensive	1.27	3.24	2.51		'											
+	Healthcare	16.72	16.04	20.24													
•	Utilities	0.00	0.31	0.72													
					0%	5	10	15	20	25	30	35	40	45	50	55	60

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Synopsys Inc	1.86	1.86	-17.09	Technology
⊕ Cadence Design Systems Inc	1.70	3.56	-12.30	Technology
⊕ Amphenol Corp Class A	1.53	5.09	-22.75	Technology
⊕ IQVIA Holdings Inc	1.50	6.59	-35.80	Healthcare
⊕ Realty Income Corp	1.47	8.07	-15.60	Real Estate
⊕ Devon Energy Corp	1.37	9.44	45.18	Energy
⊕ Enphase Energy Inc	1.27	10.71	51.67	Technology
⊕ Microchip Technology Inc	1.26	11.97	-28.95	Technology
⊕ Digital Realty Trust Inc	1.25	13.22	-41.86	Real Estate
⊕ MSCI Inc	1.23	14.45	-30.61	Financial Services
⊕ Cintas Corp	1.22	15.67	-11.72	Industrials
◆ SBA Communications Corp	1.20	16.87	-26.28	Real Estate
⊕ ResMed Inc	1.16	18.03	-15.70	Healthcare
	1.13	19.17	-0.33	Industrials
⊕ Cheniere Energy Inc	1.13	20.30	64.56	Energy

Total Holdings 181



Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

■ Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Portfolio Manager(s)

Donald Butler since 08-2006 Awais Khan since 07-2021

Quantitative Screens

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

Management: The fund's management has been in place for 16.13 years.

✓ Net Expense: The fund's expense ratio of 0.07 is
92.93% lower than the Mid-Cap Value category average.

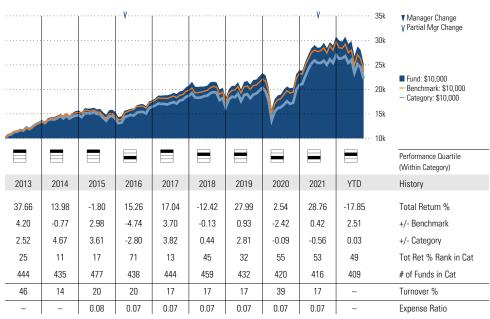
Morningstar Investment Management LLC Analysis

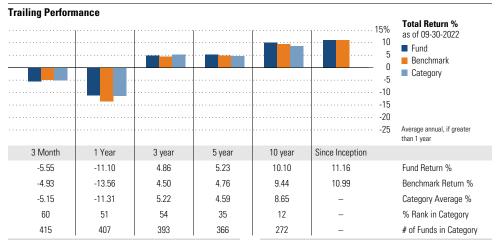
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

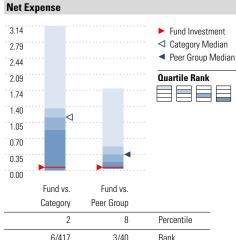
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022
FSG Commitment	1-l ow	02-15-2022

Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.43	_	0.52
Beta	0.96	_	1.00
R-Squared	99.20	_	96.16
Standard Deviation	22.98	23.86	24.29
Sharpe Ratio	0.30	0.28	0.29
Tracking Error	2.28	_	5.16
Information Ratio	0.16	_	0.07
Up Capture Ratio	96.41	_	99.34
Down Capture Ratio	94.87	-	98.03

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	14.47	12.78	12.07
Price/Book Ratio	2.21	1.86	1.68
Geom Avg Mkt Cap \$B	22.20	14.50	11.80
ROE	20.49	15.61	18.22



Vanguard Mid-Cap Value Index Admiral VMVAX

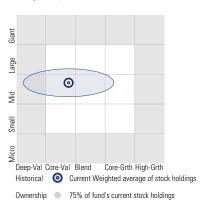
Morningstar Category Mid-Cap Value

Morningstar Index

Russell Mid Cap Value TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



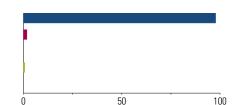
Style Breakdown

Equity

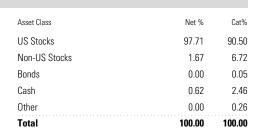
. ,			
5	9	0	Large
31	52	3	Mid
0	0	0	Small
Value	Blend	Growth	

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2022



				_			_		п -				
		Fund	Bmark	Cat	Fund	,	Bend	chmarl	k C	ategory	/ Avera	ge	
b	Cyclical	45.29	46.07	41.08									
ů.	Basic Materials	5.71	5.87	5.82									
Д	Consumer Cyclical	9.98	10.16	10.46									
ê	Financial Services	16.78	17.84	18.41									
æ	Real Estate	12.82	12.20	6.39									
MI	Sensitive	27.27	33.19	33.83									
	Communication Services	2.62	3.59	3.06		` <u>.</u>							
ð	Energy	5.32	5.26	6.91									
Ф	Industrials	10.94	14.35	15.16									
	Technology	8.39	9.99	8.70									
→	Defensive	27.44	20.72	25.09									
=	Consumer Defensive	6.85	4.43	6.92									
٠	Healthcare	7.90	7.39	11.57		· '	_ [
•	Utilities	12.69	8.90	6.60			* .						

Top 15 Holdings as of 09-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Corteva Inc	1.28	1.28	21.79	Basic Materials
○ Welltower OP LLC	1.20	2.48	-22.88	Real Estate
	1.15	3.63	1.82	Financial Services
○ Nucor Corp	1.11	4.74	-4.96	Basic Materials
○ Dollar Tree Inc ○	1.09	5.82	-3.15	Consumer Defensive
○ Consolidated Edison Inc	1.08	6.90	3.29	Utilities
○ Carrier Global Corp Ordinary Shares	1.05	7.96	-33.89	Industrials
O VICI Properties Inc Ordinary Shares	1.01	8.96	2.82	Real Estate
	1.00	9.97	-5.62	Utilities
	0.98	10.94	17.15	Financial Services
	0.97	11.91	-38.12	Basic Materials
⊕ Eversource Energy	0.93	12.84	-12.21	Utilities
	0.92	13.77	-1.83	Consumer Defensive
	0.92	14.68	-25.19	Real Estate
Rockwell Automation Inc	0.91	15.59	-37.37	Industrials

Total Holdings 203



Vanguard Real Estate Index Admiral VGSLX

Morningstar Category Real Estate Morningstar Index

S&P United States REIT TR USD

Portfolio Manager(s)

Gerard O'Reilly since 05-1996 Walter Nejman since 05-2016

Quantitative Screens

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

Management: The fund's management has been in place for 26.4 years.

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

Morningstar Investment Management LLC Analysis

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

ESG Metrics

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

Growth of \$10,000







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

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



Vanguard Real Estate Index Admiral VGSLX

Morningstar Index **Morningstar Category** Real Estate

S&P United States REIT TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

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

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 09-30-2022

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

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

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

Total Holdings 171



Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category
Small Value

Morningstar Index Russell 2000 Value TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

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

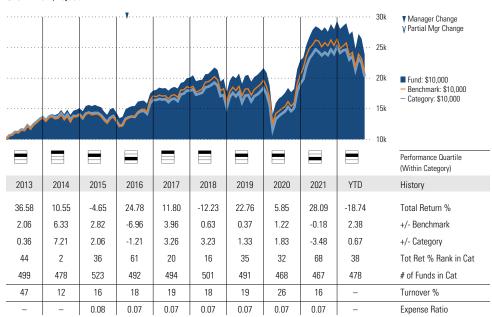
Morningstar Investment Management LLC Analysis

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

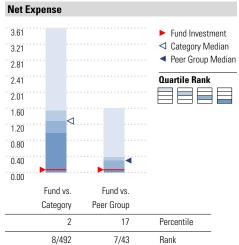
ESG Metrics

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

Growth of \$10,000

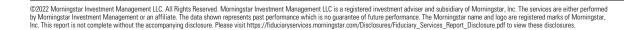






3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.07	_	0.96
Beta	0.96	_	0.99
R-Squared	97.92	_	94.89
Standard Deviation	25.64	26.48	26.98
Sharpe Ratio	0.32	0.28	0.31
Tracking Error	3.86	-	6.33
Information Ratio	0.25	-	0.12
Up Capture Ratio	96.23	-	99.47
Down Capture Ratio	93.19	-	97.32

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





Vanguard Small Cap Value Index Admiral VSIAX

Morningstar Category Small Value

Morningstar Index

Russell 2000 Value TR USD

Style Analysis as of 09-30-2022

Morningstar Style Box™



Style Breakdown

Equity

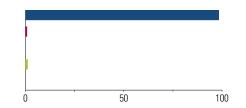
0	0	0	Large
17	22	3	Mid
27	28	3	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

Asset Allocation as of 09-30-2022



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

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

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

Total Holdings 895



Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

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

Style Consistency is not calculated for Fixed Income funds.

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

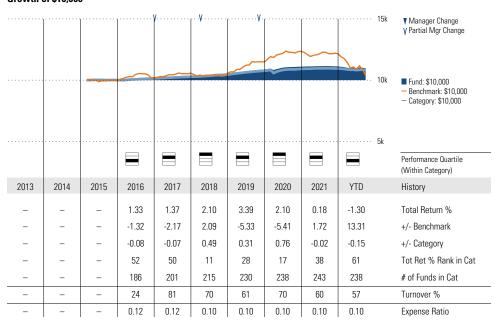
Morningstar Investment Management LLC Analysis

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

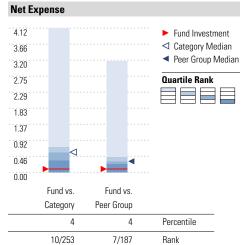
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

Growth of \$10,000



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



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

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



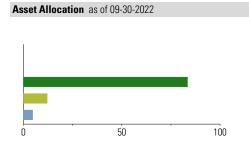
Vanguard Ultra-Short-Term Bond Admiral VUSFX

Morningstar Category Ultrashort Bond

Morningstar Index

Bloomberg US Agg Bond TR USD





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

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

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

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



Western Asset Core Plus Bond IS WAPSX

Morningstar Category Morningstar Index

Intermediate Core-Plus Bond Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

Performance: The fund has finished in the Intermediate
 Core-Plus Bond 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 15.76 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.42 is 43.24% lower than the Intermediate Core-Plus Bond category average.

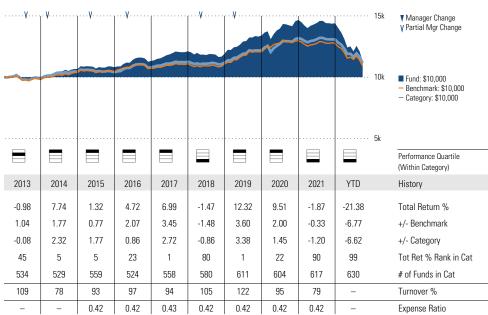
Morningstar Investment Management LLC Analysis

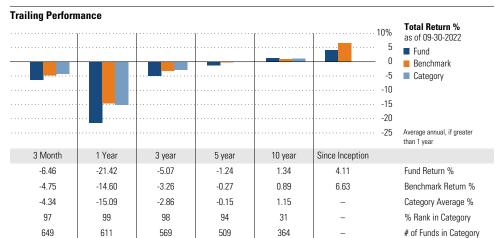
We are placing Western Asset Core Plus on watch due to very poor recent performance. The fund places in the bottom percentile among category peers over the last year. In fact, although strong long-term returns remain intact, recent returns are so poor that the fund's trailing three- and five-year returns are now in the category's bottom quartile. The primary driver for the decline has been the team's decision to overweight duration. The fund's exposure to emerging-market debt has secondarily contributed to the poor recent returns. Given the fund's strong and deep team and its long-term history of strong returns, there is reason to expect the fund to rebound from this mishap. We will be watching it closely in the meantime.

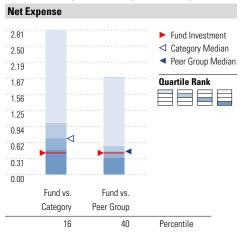
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022

Growth of \$10,000







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

232/581

Rank

3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	-0.28	_	0.56
Beta	1.44	_	1.05
R-Squared	85.06	_	78.08
Standard Deviation	8.38	5.36	6.46
Sharpe Ratio	-0.65	-0.70	-0.53
Tracking Error	4.01	-	3.04
Information Ratio	-0.45	-	0.12
Up Capture Ratio	154.73	-	119.57
Down Capture Ratio	154.84	-	107.94

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.74	4.43	6.08
Avg Eff Maturity	13.29	_	8.46



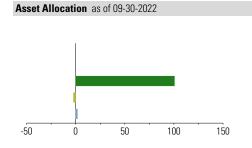
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Western Asset Core Plus Bond IS WAPSX

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







Credit Rating Breakdown	Fund	Bmark	Cat
AAA	45.04	3.53	50.65
AA	5.40	74.59	5.16
A	14.39	10.82	11.01
BBB	18.33	8.32	19.73
BB	8.90	0.28	6.92
В	2.89	0.00	2.30
Below B	0.99	0.00	1.92
Not Rated	4.06	2.46	2.31

Sector Weighting as of 09-	30-2022											
	Fund	Bmark	Cat	Fund	•	Benchma	ark [] (Category	Average			
Government	25.14	-	26.47									
Treasury	24.72	_	15.66									
Inflation – Protected	0.17	_	0.28	0								
Agency/Quasi Agency	0.25	_	0.60	1[]								
Other Government Related	0.00	_	9.93	İ								
Corporate	30.98	_	26.93									
Corporate Bond	24.99	_	24.97									
Bank Loan	4.81	_	0.43									
Convertible	1.18	_	1.41									
Preferred	0.00	_	0.12									
Securitized	21.45	_	37.60									
Agency MBS Pass-Through	13.34	_	19.07									
Agency MBS ARM	0.22	_	0.05									
Agency MBS CM0	1.63	_	1.02									
Non-Agency Residential MBS	0.92	_	0.52	0								
Commercial MBS	2.36	_	6.60									
Asset-Backed	2.98	_	10.34									
Covered Bond	0.00	_	0.00									
Municipal	0.01	-	0.94	i []								
Cash & Equivalents	3.97	_	4.38									
Other	18.42	_	3.49									
				0%	5	10	15	20	25	30	35	4

Top 10 Holdings as of 09-30-2022				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Trade Date Cash	-	5.30	5.30	_
⊕ Cad/Usd Ffx Due 041922-Cross	04-2022	3.45	8.75	_
⊕ Cad/Usd Ffx Due 041922	04-2022	3.39	12.14	_
⊕ Fx Fut Audusd Crncy Fut Jun22	06-2022	2.22	14.36	_
⊕ Fx Fut Audusd Crncy Fut Jun22	06-2022	2.22	16.58	-
⊕ Cny/Usd Ffx Due 041922-Cross	04-2022	2.15	18.73	_
⊕ Cny/Usd Ffx Due 041922	04-2022	2.13	20.86	_
⊕ Fx Fut Euro Fx Curr Fut Jun22	06-2022	2.13	23.00	_
⊕ Fx Fut Euro Fx Curr Fut Jun22	06-2022	2.13	25.13	_
⊕ Usd/Eur Ffx Due 041922-Cross	04-2022	2.13	27.25	_

Total Holdings 2995

