# Allspring Special Mid Cap Value R6 WFPRX

Portfolio Manager(s)

Bryant VanCronkhite since 01-2009 James Tringas since 03-2009 Shane Zweck since 02-2019

## Quantitative Screens

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

Management: The fund's management has been in place for 15.7 years.

Style: The fund has landed in its primary style box — Mid-Cap Value — 96.77 % of the time over the past three years.

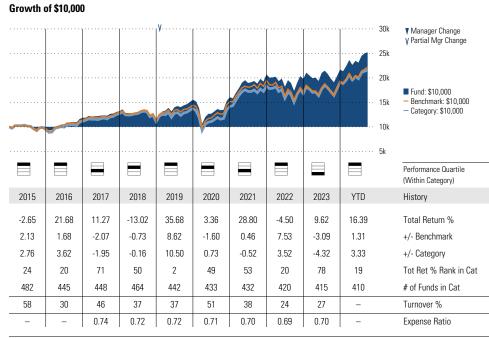
Net Expense: The fund's expense ratio of 0.7 is 27.08% lower than the Mid-Cap Value category average.

### **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.

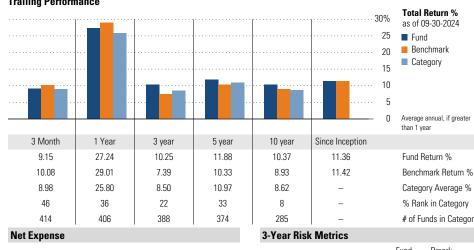
# **ESG Metrics**

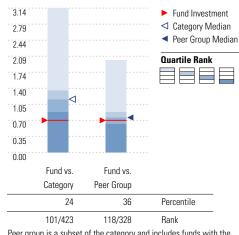
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022



Morningstar Category

Mid-Cap Value





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

8	-	% Rank in Category			
285	-	# of Funds in Category			
3-Year Risk	Metrics				
		Fund	Bmark	Cat	
Alpha		3.43	-	1.40	
Beta		0.87	-	0.94	
R-Squared		96.88	-	94.42	
Standard Devia	ition	17.28	19.66	19.11	
Sharpe Ratio		0.43	0.27	0.32	
Tracking Error		4.04	-	4.72	
Information Ra	tio	0.71	-	0.24	
Up Capture Rat	io	92.11	-	95.29	
Down Capture	Ratio	80.43	-	90.51	
Portfolio M	etrics				

	Fund	Bmark	Cat
Price/Earnings Ratio	19.00	19.44	17.35
Price/Book Ratio	2.31	2.43	2.09
Geom Avg Mkt Cap \$B	20.35	20.46	16.28
ROE	14.08	15.17	14.21

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Morningstar Index

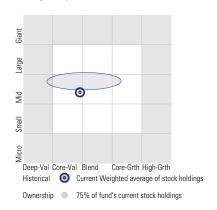
Russell Mid Cap Value TR USD

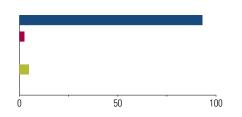
482	445	
50	00	í

# **Trailing Performance**

# Allspring Special Mid Cap Value R6 WFPRX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fu
Դ	Cyclical	47.50	41.94	40.22	
ŵ.	Basic Materials	6.81	5.50	5.13	
<b>A</b>	Consumer Cyclical	9.45	10.83	11.20	
,	Financial Services	17.82	15.13	17.81	
俞	Real Estate	13.42	10.48	6.08	
w	Sensitive	30.45	36.15	35.98	
d	Communication Services	0.00	3.22	2.76	
0	Energy	5.11	5.35	5.75	
Ф	Industrials	18.05	15.79	16.36	
	Technology	7.29	11.79	11.11	
<b>→</b>	Defensive	22.05	21.91	23.80	
╞	Consumer Defensive	5.06	5.67	6.56	
٠	Healthcare	10.05	9.27	10.21	
2	Utilities	6.94	6.97	7.03	

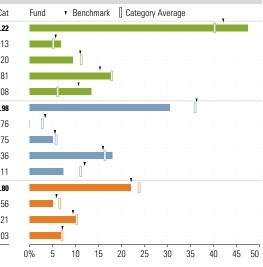
Total	100.00	100.00
Other	0.00	0.13
Cash	4.66	2.29
Bonds	0.00	0.02
Non-US Stocks	2.38	6.72
US Stocks	92.97	90.84
Asset Class	Net %	Cat%

Morningstar Index

Russell Mid Cap Value TR USD

Morningstar Category

Mid-Cap Value



# Style Breakdown



# Weight %

>50 25-50 10-25 0-10

# Top 10 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Allspring Government MMkt Select	4.66	4.66	_	-
CBRE Group Inc Class A	4.02	8.68	33.72	Real Estate
igodolog Arch Capital Group Ltd	3.18	11.86	50.64	Financial Services
Keurig Dr Pepper Inc	3.06	14.92	15.11	Consumer Defensive
AerCap Holdings NV	3.04	17.95	28.12	Industrials
Allstate Corp	2.80	20.75	37.46	Financial Services
	2.67	23.42	10.92	Basic Materials
➔ Republic Services Inc	2.60	26.02	22.44	Industrials
L3Harris Technologies Inc	2.55	28.57	14.59	Industrials
American Electric Power Co Inc	2.49	31.06	29.57	Utilities

# Total Holdings 10

 $\oplus$  Increase  $\oplus$  Decrease New to Portfolio



# American Funds Intl Gr and Inc R6 RIGGX

# Portfolio Manager(s)

Steven Watson since 10-2008 Andrew Suzman since 10-2008 Patrice Collette since 09-2010 Leo Hee since 07-2015 Michael Cohen since 07-2018 Lisa Thompson since 09-2018 Barbara Burtin since 09-2024 Bobby Chada since 09-2024

# Quantitative Screens

*Performance:* The fund has finished in the Foreign 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 16.01 years.

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

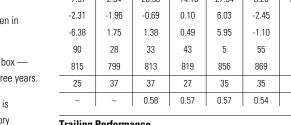
Net Expense: The fund's expense ratio of 0.54 is 34.94% lower than the Foreign Large Blend category average.

# **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

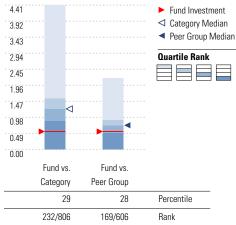
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Growth of \$10,000



# Net Expense



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

Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 0.24 -0.05 0.99 1 02 Beta \_ R-Squared 92.90 94.18 Standard Deviation 16.34 16 70 17.33 Sharpe Ratio 0 11 0 10 0.10 Tracking Error 4.03 4.62 Information Ratio 0.04 0.00 Up Capture Ratio 102.01 105.97 Down Capture Ratio 101.60 107.27

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 15.71 15 78 15.57 Price/Book Ratio 1.84 1.85 1.89 Geom Avg Mkt Cap \$B 57.70 52 84 63.57

18.74

ROE

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16.65

18.70

**Morningstar Category** 

Foreign Large Blend

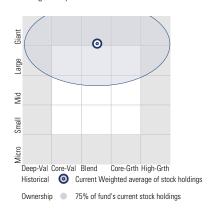
Morningstar Index

MSCI ACWI Ex USA NR USD

~~~			<u></u>	~~	$\bigvee$	/	Ŵ	<u>~~</u>	••••••••••••••••••••••••••••••••••••••	<ul> <li>■ Fund: \$10,000</li> <li>─ Benchmark: \$10,000</li> <li>─ Category: \$10,000</li> </ul>
									····· 5k	
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-7.97	2.54	26.50	-14.10	27.54	8.20	10.12	-15.16	15.72	11.57	Total Return %
-2.31	-1.96	-0.69	0.10	6.03	-2.45	2.30	0.84	0.10	-2.64	+/- Benchmark
-6.38	1.75	1.38	0.49	5.95	-1.10	0.40	0.68	-0.53	-1.51	+/- Category
90	28	33	43	5	55	54	44	63	81	Tot Ret % Rank in Cat
815	799	813	819	856	869	852	837	831	798	# of Funds in Cat
25	37	37	27	35	35	23	34	31	31	Turnover %
-	-	0.58	0.57	0.57	0.54	0.54	0.53	0.54	0.54	Expense Ratio
ailing	Performa				]			·		Total Return % as of 09-30-2024
									····· 25 ···· 20	<ul> <li>Fund</li> <li>Benchmark</li> <li>Category</li> </ul>

# American Funds Intl Gr and Inc R6 RIGGX

# Style Analysis as of 09-30-2024 Morningstar Style Box™



# Style Breakdown



### Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 09-30-2024

0	50	100

# Sector Weighting as of 09-30-2024

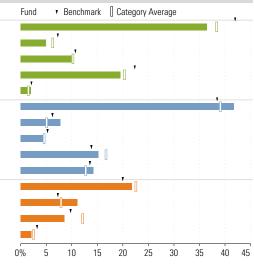
Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	36.43	41.84	38.35
æ.	Basic Materials	4.99	7.13	6.28
	Consumer Cyclical	9.90	10.56	10.23
ц.	Financial Services	19.56	22.19	20.32
ŵ	Real Estate	1.98	1.96	1.52
w	Sensitive	41.76	38.31	39.09
G	Communication Services	7.76	6.08	5.08
0	Energy	4.61	5.12	4.58
Ф	Industrials	15.18	13.70	16.70
	Technology	14.21	13.41	12.73
	Defensive	21.80	19.84	22.55
E	Consumer Defensive	11.15	7.14	7.90
٠	Healthcare	8.59	9.63	12.14
<b>9</b>	Utilities	2.06	3.07	2.51
-				

Morningstar Index **Morningstar Category** Foreign Large Blend

MSCI ACWI Ex USA NR USD

Total	100.00	100.00
Other	0.21	1.53
Cash	4.53	0.63
Bonds	0.12	0.55
Non-US Stocks	90.18	93.48
US Stocks	4.96	3.83
Asset Class	Net %	Cat%



>75	Greater Asia	Fund % 29.98	Cat % 34.59	Americas	Fund % 12.63	Cat % 8.81	Greater Europe	Fund % 57.38	Cat % 56.59	Market Maturity	Fund %
	Japan Australasia Asia-4 Tigers Asia-ex 4 Tigers	6.83 0.44 12.74 9.97	18.85 4.68 6.46 4.60	North America Central/Latin	9.78 2.85	7.75 1.06	United Kingdom W euro-ex UK Emrgng Europe Africa	14.16 42.35 0.00 0.87	13.90 41.71 0.12 0.86	Developed Markets Emerging Markets Not Available	86.75 13.25 0.00
	Not Classified	0.00	0.00								

# Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Capital Group Central Cash M	4.75	4.75	_	_
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd	4.07	8.82	_	Technology
⊖ Novo Nordisk AS Class B	2.50	11.31	_	Healthcare
⊖ AstraZeneca PLC	2.10	13.41	11.52	Healthcare
$\ominus$ ASML Holding NV	1.98	15.40	10.07	Technology
🕀 TotalEnergies SE	1.93	17.33	-0.06	Energy
€ MediaTek Inc	1.67	18.99	_	Technology
➔ BAE Systems PLC	1.61	20.60	13.10	Industrials
🕀 British American Tobacco PLC	1.39	21.99	26.36	Consumer Defensive
$\oplus$ Tencent Holdings Ltd	1.39	23.38	_	Communication Svc

# Total Holdings 251

 $\oplus$  Increase  $\ominus$  Decrease R New to Portfolio

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# American Funds New Perspective R6 RNPGX

# Portfolio Manager(s)

Robert Lovelace since 12-2000 Joanna Jonsson since 12-2005 Steven Watson since 12-2005 Brady Enright since 12-2005 Noriko Chen since 04-2012 Andraz Razen since 07-2015 Barbara Burtin since 12-2018 Patrice Collette since 12-2018 Kohei Higashi since 12-2020 Anne-Marie Peterson since 12-2020

# 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 23.85 years.

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

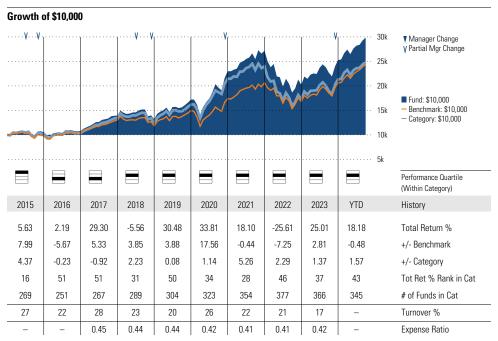
Net Expense: The fund's expense ratio of 0.42 is 60.38% lower than the Global Large-Stock Growth category average.

# **Morningstar Investment Management LLC Analysis**

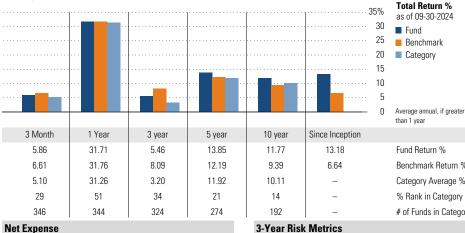
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022







Reta

#### 2.52 Fund Investment Category Median 2.24 Peer Group Median 1.96 1.68 Quartile Rank 1.40 1.12 0.84 0.56 0.28 Fund vs Fund vs Peer Group Category 2 6 Percentile 6/346 14/242 Rank

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

than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund **Bmark** Cat Alpha -3.04 -4.77 1 10 1 13 R-Squared 96.39 89.30 Standard Deviation 16.57 18 55 20.01 Sharpe Ratio 0 17 0.32 0 1 1 Tracking Error 3.89 6.92 Information Ratio -0.68 -0.63 Up Capture Ratio 102.82 100.61 Down Capture Ratio 115.22 120.34 **Portfolio Metrics** 

	Fund	Bmark	Cat
		Billant	
Price/Earnings Ratio	25.71	21.79	29.45
Price/Book Ratio	4.00	3.04	5.18
Geom Avg Mkt Cap \$B	179.18	159.41	242.90
ROE	26.07	27.22	31.22

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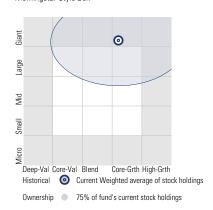


Morningstar Index Morningstar Category

Global Large-Stock Growth MSCI ACWI NR USD

# American Funds New Perspective R6 RNPGX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 09-30-2024



50

Fund

27.28

3.96

11.98

10.89

0.45

50.66

10.99

2.62

14.95

22.10

22.05

5.17

16.18

0.70

Bmark

32.41

3.91

10.46

15 78

2.26

47.62

7.94

4.03

10.00

25.65

19.97

6.26

10.95

2.76

100

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

0

€ Cyclical

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Energy

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Bonds	0.00	0.01
Cash	4.03	1.66
Other	0.10	0.58

#### Benchmark [] Category Average Cat Fund 26.47 2.42 11.53 11.63 0.89 1 54.15 9.30 2.26 11.08 31.51 19.37 4.26 14.19 0.92 0% 5 10 15 20 25 30 35 40 45 50 55

	Greater Asia	Fund % 11.96	Cat % 12.28	Americas	Fund % 58.63	Cat % 65.02	Greater Europe	Fund % 29.38	Cat % 22.73	Market Maturity	Fund %
	Japan	3.66	4.18	North America	57.32	63.40	United Kingdom	5.62	4.04	Developed Markets	95.42
	Australasia	0.29	0.24	Central/Latin	1.31	1.62	W euro-ex UK	23.40	18.36	Emerging Markets	4.58
	Asia-4 Tigers	5.08	3.80				Emrgng Europe	0.00	0.01	Not Available	0.00
	Asia-ex 4 Tigers	2.93	4.06				Africa	0.36	0.32		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
e Meta Platforms Inc Class A	3.69	3.69	62.15	Communication Svc
∋ Microsoft Corp	3.34	7.03	15.03	Technology
$oldsymbol{\oplus}$ Taiwan Semiconductor Manufacturing Co Ltd	3.04	10.07	-	Technology
$\ni$ Broadcom Inc	2.73	12.80	55.95	Technology
$\ominus$ Novo Nordisk AS Class B	2.56	15.36	-	Healthcare
$\oplus$ Tesla Inc	2.04	17.40	5.29	Consumer Cyclical
➔ NVIDIA Corp	1.96	19.35	145.27	Technology
AstraZeneca PLC	1.63	20.99	11.52	Healthcare
$\ni$ Eli Lilly and Co	1.51	22.50	52.65	Healthcare
Netflix Inc	1.25	23.75	45.68	Communication Svc

# Total Holdings 296

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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Morningstar Category Morningstar Index

Global Large-Stock Growth MSCI ACWI NR USD

# → Defensive ☐ Consumer Defensive ☑ Healthcare ☑ Utilities

# American Funds New World R6 RNWGX

# Portfolio Manager(s)

Carl Kawaja since 06-1999
Robert Lovelace since 06-1999
Christopher Thomsen since 01-2009
Winnie Kwan since 01-2009
Tomonori Tani since 10-2013
Bradford Freer since 01-2017
Akira Shiraishi since 01-2017
Lisa Thompson since 10-2019
Kirstie Spence since 12-2019
Dawid Justus since 01-2020
Piyada Phanaphat since 01-2020
Matt Hochstetler since 01-2024

# Quantitative Screens

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

Management: The fund's management has been in place for 25.31 years.

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

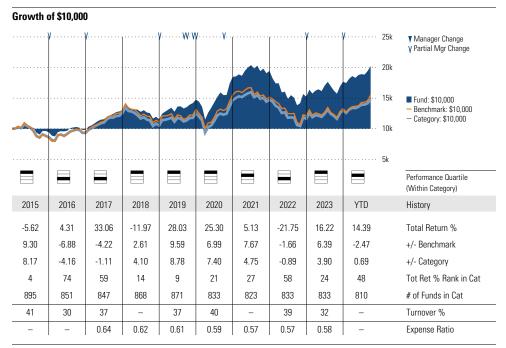
Net Expense: The fund's expense ratio of 0.57 is 49.11% lower than the Diversified Emerging Mkts category average.

### **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	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







#### 3.31 Fund Investment Category Median 2.94 Peer Group Median 2.57 2.21 Quartile Rank 1.84 1.47 1.10 0.74 0.37 0.00 Fund vs Fund vs Peer Group Category 14 14 Percentile 110/827 89/637 Rank

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

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 1.10 -1.37 0.80 0.94 Beta **R-Squared** 77.98 87.29 Standard Deviation 15.99 17 63 17 82 Sharpe Ratio -0.08 -0 11 -0.18 Tracking Error 8.28 6.24 Information Ratio 0.12 -0.24 Up Capture Ratio 82.96 92.28 Down Capture Ratio 79.00 98.92

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater

Category

than 1 year

Fund

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 21.84 15 18 14 86 Price/Book Ratio 3.32 1.81 1.95 Geom Avg Mkt Cap \$B 80.24 47 82 57 84 ROE 23.85 16.40 18.79

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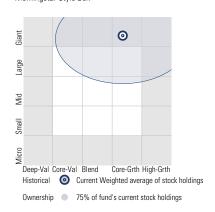


Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

# American Funds New World R6 RNWGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





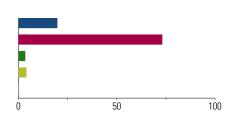


Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 09-30-2024



# Sector Weighting as of 09-30-2024

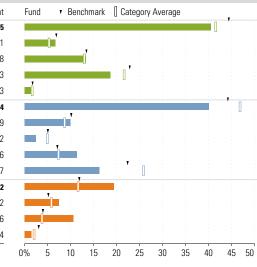
Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	40.46	44.24	41.55
æ.	Basic Materials	6.68	6.72	5.31
<b>~</b>	Consumer Cyclical	13.36	13.27	12.98
ц.	Financial Services	18.63	22.69	21.63
ŵ	Real Estate	1.79	1.56	1.63
w	Sensitive	40.09	44.04	46.84
	Communication Services	9.91	9.97	8.69
0	Energy	2.50	4.89	4.92
¢	Industrials	11.40	6.95	7.36
	Technology	16.28	22.23	25.87
	Defensive	19.44	11.72	11.62
F	Consumer Defensive	7.45	5.00	5.82
٠	Healthcare	10.57	3.82	3.76
9	Utilities	1.42	2.90	2.04
-				

Morningstar Category Morningstar Index

Diversified Emerging Mkts MSCI EM NR USD

Total	100.00	100.00
Other	0.16	0.06
Cash	3.87	2.19
Bonds	3.30	-0.02
Non-US Stocks	73.04	95.36
US Stocks	19.63	2.42
Asset Class	Net %	Cat%



	Greater Asia	Fund % 45.97	Cat % 76.27	Americas	Fund % 31.83	Cat % 12.96	Greater Europe	Fund % 22.21	Cat % 10.77	Market Maturity	Fund %
	Japan	2.63	0.08	North America	22.67	2.04	United Kingdom	2.91	0.54	Developed Markets	54.30
	Australasia	0.00	0.04	Central/Latin	9.16	10.92	W euro-ex UK	16.36	1.72	Emerging Markets	45.70
	Asia-4 Tigers	9.50	30.03				Emrgng Europe	0.44	2.13	Not Available	0.00
	Asia-ex 4 Tigers	33.84	46.12				Africa	2.50	6.38		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash Fund	4.12	4.12	_	_
igodolog Taiwan Semiconductor Manufacturing Co Ltd	3.56	7.68	-	Technology
$\oplus$ Tencent Holdings Ltd	2.47	10.15	-	Communication Svc
∋ Microsoft Corp	2.34	12.49	15.03	Technology
⊕ MercadoLibre Inc	1.91	14.41	30.57	Consumer Cyclical
⊖ Novo Nordisk AS Class B	1.79	16.20	-	Healthcare
$\ni$ Meta Platforms Inc Class A	1.48	17.67	62.15	Communication Svc
➔ Kweichow Moutai Co Ltd Class A	1.32	19.00	3.06	Consumer Defensive
$\ni$ Broadcom Inc	1.29	20.28	55.95	Technology
⇒ NVIDIA Corp	1.27	21.56	145.27	Technology

# Total Holdings 579

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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# Baird Aggregate Bond Inst BAGIX

# Portfolio Manager(s)

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

### Quantitative Screens

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

*Management:* The fund's management has been in place for 24.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 40% lower than the Intermediate Core Bond category average.

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

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000

Morningstar Index

Bloomberg US Agg Bond TR USD



### **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.

Fund **Bmark** Cat Alpha 0.32 -0.09 0.98 Beta 1 01 99.65 **R-Squared** 98.10 Standard Deviation 774 7 63 7 55 Sharpe Ratio -0 61 -0.66 -0.68 Tracking Error 0.47 0.96 Information Ratio 0.62 -0.25 Up Capture Ratio 101.71 97.06 Down Capture Ratio 98.89 98.03 Deutfelie Metuiee

Formotio Wienros			
	Fund	Bmark	Cat
Avg Eff Duration	6.13	4.43	5.88
Avg Eff Maturity	8.23	-	8.21

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Ltd

А

BB

В

Not Rated

Duration

# Baird Aggregate Bond Inst BAGIX

# Style Analysis as of 09-30-2024 Style Breakdown Fixed Income Quality High Mid ۲0

Mod Ext

50 100 0

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

# Intermediate Core Bond Bloomberg US Agg Bond TR USD

**Morningstar Category** 

Total	100.00	100.00
Other	0.07	1.70
Cash	2.64	-0.01
Bonds	97.30	97.45
Non-US Stocks	0.00	0.23
US Stocks	0.00	0.62
Asset Class	Net %	Cat%

**Morningstar Index** 

#### **Credit Rating Breakdown** Fund Bmark Cat 62.90 3.53 AAA 24.71 AA 3.20 74.59 39.01 12.20 10.82 22.22 BBB 21.50 8.32 12.31 0.20 0.28 0.62 0.00 0.00 0.33 Below B 0.00 0.00 0.12

0.00

2.46

0.68

	Fund	Bmark	Cat	Fund	,	Benchmark	[] C	ategory	Average			
Government	26.58	-	30.70					-		0		
Treasury	26.58	-	24.87									
Inflation – Protected	0.00	-	1.37	[								
Agency/Quasi Agency	0.00	-	0.63	10								
Other Government Related	0.00	-	3.83		0							
Corporate	36.33	-	23.52									
Corporate Bond	36.33	-	23.34						]			
Bank Loan	0.00	-	0.04	0								
Convertible	0.00	-	0.00	0								
Preferred	0.00	-	0.14	0								
Securitized	33.94	-	39.30									0
Agency MBS Pass-Through	20.72	-	28.33					-		0		
Agency MBS ARM	0.00	-	0.18									
Agency MBS CMO	1.33	-	1.23									
Non-Agency Residential MBS	1.09	-	0.12									
Commercial MBS	4.07	-	2.27									
Asset-Backed	6.73	-	7.17			0						
Covered Bond	0.00	-	0.00	İ								
Municipal	0.49	-	1.22									
Cash & Equivalents	2.64	-	4.52									
Other	0.00	-	0.75	[]								
				0%	5	10	15	20	25	30	35	40

# Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 1.13%	10-2026	3.43	3.43	_
First American Government Obligs U	02-2030	2.32	5.75	-
⊕ United States Treasury Bonds 3.88%	05-2043	1.79	7.54	_
United States Treasury Bonds 2.88%	05-2043	1.77	9.31	-
igodot United States Treasury Bonds 2.5%	02-2045	1.73	11.04	-
United States Treasury Bonds 2.38%	02-2042	1.57	12.61	_
United States Treasury Bonds 2.88%	05-2052	1.55	14.15	-
⊖ United States Treasury Notes 2.38%	03-2029	1.53	15.68	-
United States Treasury Bonds 3.38%	08-2042	1.49	17.17	_
⊖ United States Treasury Notes 4%	01-2031	1.25	18.42	_

# Total Holdings 1828

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# BlackRock High Yield K BRHYX

# Portfolio Manager(s)

Mitchell Garfin since 12-2009 David Delbos since 12-2014

# Quantitative Screens

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

Management: The fund's management has been in place for 14.76 years.

Style Consistency is not calculated for Fixed Income funds.

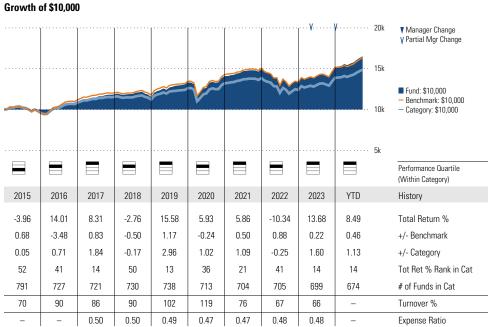
Net Expense: The fund's expense ratio of 0.48 is 46.07% lower than the High Yield Bond category average.

# **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.

# **ESG Metrics**

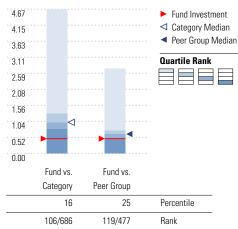
Metric	Rating	Updated
ESG Commitment	2-Basic	02-15-2022



**Morningstar Category** 

High Yield Bond





4.95	7.75	Benchmark Return %					
4.17	-	Category Average %					
11	-	% R	ank in Categ	Jory			
435	-	# of	# of Funds in Category				
3-Year Risk	Metrics						
		Fund	Bmark	Cat			
Alpha		0.64	-	0.02			
Beta		0.99 – 0.8					
R-Squared		99.54 - 94.5					
Standard Devia	tion	8.58 8.62 7.8					
Sharpe Ratio		0.03	-0.05	-0.09			
Tracking Error		0.58	-	1.90			
Information Rat	io	1.10	-	-0.35			
Up Capture Rat	io	101.68	-	88.54			
Down Capture	Ratio	95.92	-	88.27			

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	3.14	-	3.05
Avg Eff Maturity	4.01	-	4.96

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

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Morningstar Index

ICE BofA US High Yield TR USD

**Total Return %** 

as of 09-30-2024 Fund

Benchmark Category

Average annual, if greater than 1 year

Fund Return %

# BlackRock High Yield K BRHYX

# Style Analysis as of 09-30-2024 Style Breakdown





Duration

-50	0	50	100

# Sector Weighting as of 09-30-2024

00	Total	100.00	100.00
_	Other	12.69	1.58
	Cash	-8.83	4.85
	Bonds	95.71	92.86
	Non-US Stocks	0.00	0.03
	US Stocks	0.43	0.68
	Asset Class	Net %	Cat%

**Morningstar Index** 

ICE BofA US High Yield TR USD

Morningstar Category

High Yield Bond

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	1.71	-	2.74
AA	0.00	-	1.70
A	0.05	-	0.91
BBB	3.92	-	5.62
BB	31.18	-	31.37
В	48.78	-	33.40
Below B	13.13	-	21.98
Not Rated	1.23	-	2.28

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	0.38	-	2.47	10		
Treasury	0.00	-	1.12	0		
Inflation - Protected	0.00	-	0.00	0		
Agency/Quasi Agency	0.00	-	0.00	0		
Other Government Related	0.38	-	1.35	I[]		
Corporate	95.55	-	89.19			
Corporate Bond	83.32	-	86.65			
Bank Loan	8.75	-	1.71			
Convertible	1.38	-	0.46	D		
Preferred	2.10	-	0.37	]		
Securitized	0.09	-	1.55	10		
Agency MBS Pass-Through	0.00	-	0.12	0		
Agency MBS ARM	0.00	-	0.00	0		
Agency MBS CMO	0.00	-	0.06	0		
Non-Agency Residential MBS	0.00	-	0.05	0		
Commercial MBS	0.00	-	0.22			
Asset-Backed	0.09	-	1.10	0		
Covered Bond	0.00	-	0.00	0		
Municipal	0.00	-	0.04	[		
Cash & Equivalents	1.03	-	6.18			
Other	2.96	-	0.57	(		

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 09-30-2024

··· ··································				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Cash Offset	-	7.78	7.78	-
$\odot$ iShares Broad USD High Yield Corp Bd ETF	_	4.46	12.24	-
⊖ EUR/USD Purchased	12-2024	2.56	14.80	-
⊕ EUR/USD Purchased	12-2024	2.56	17.36	-
• Ice: (Cdx.Na.Hy.43.V1)	12-2029	2.18	19.54	-
$\odot$ USD CASH(Committed)	10-2024	1.35	20.89	-
TRSWAP: IBOXHY INDEX	03-2025	1.06	21.95	-
HUB International Ltd.	01-2032	1.04	23.00	-
⊕ Venture Global LNG Inc.	12-2079	1.01	24.00	-
HUB International Ltd.	06-2030	0.86	24.86	-

# Total Holdings 1585

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Asset Allocation as of 09-30-2024

# JPMorgan US Equity R6 JUEMX

# Portfolio Manager(s)

Scott Davis since 08-2014 Shilpee Raina since 11-2021

# 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 10.13 years.

× *Style:* The fund has landed in its primary style box — Large Blend — 41.94 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.44 is 39.73% lower than the Large Blend category average.

### Morningstar Investment Management LLC Analysis

The fund fails our style consistency screen as, similar to the broad market and peers, it plots on the border with growth. We are not concerned with this screen failure.

# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	03-11-2022





### Trailing Performance



0.54 Fund vs. Category Peer Group 29 28 Percentile 450/1559 268/958 Rank Peer group is a subset of the category and includes funds with the

same management style (active vs. passive) and similar share class characteristics.

Up Capture Ratio 99.39 92.03 Down Capture Ratio 96.56 96.37 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 28.47 27.50 26.80 Price/Book Ratio 5.31 4.80 5.15 Geom Avg Mkt Cap \$B 362 67 328 12 362.94 ROE 35.23 33.77 33.76

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Morningstar Index

S&P 500 TR USD

Morningstar Category

# JPMorgan US Equity R6 JUEMX

Style Analysis as of 09-30-2024 Morningstar Style Box™







### Weight %

>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	8.86	8.86	15.03	Technology
$\ni$ Apple Inc	7.71	16.57	21.40	Technology
➔ NVIDIA Corp	7.15	23.73	145.27	Technology
∋ Amazon.com Inc	4.22	27.94	22.63	Consumer Cyclical
e Meta Platforms Inc Class A	3.40	31.34	62.15	Communication Svc
€ Alphabet Inc Class A	2.76	34.10	19.01	Communication Svc
ightarrow UnitedHealth Group Inc	2.67	36.77	12.21	Healthcare
ightarrow Lowe's Companies Inc	2.64	39.41	23.21	Consumer Cyclical
€ Wells Fargo & Co	2.60	42.01	17.01	Financial Services
∋ Exxon Mobil Corp	2.51	44.52	20.09	Energy
⊖ Mastercard Inc Class A	2.47	47.00	16.24	Financial Services
• NXP Semiconductors NV	2.27	49.26	5.82	Technology
∋ AbbVie Inc	2.25	51.51	30.43	Healthcare
$oldsymbol{eta}$ Baker Hughes Co Class A	2.20	53.71	7.61	Energy
	2.17	55.89	38.80	Industrials

# Total Holdings 54

🕀 Increase 👄 Decrease 🕸 New to Portfolio



1.87

12.59

11.45

0.72

55 88

6.18

4.72

11.01

33.97

17.49

1.21

12.20

4.08

2.00

10.30

12 49

2.34

52.68

8.87

3.31

7.59

32.91

20.18

5.88

11.63

2.67

2.54

9.74

13.42

2.00

51.46

8.40

3.56

9.69

29.81

20.82

5.89

12.54

2.39

Asset Allocation as of 09-30-2024

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Energy

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F

Utilities

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

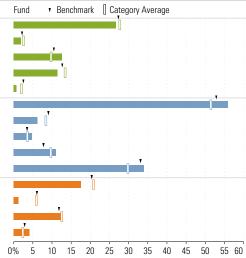
Technology

Consumer Defensive

Defensive

Healthcare

10



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**Morningstar Category** 

**Morningstar Index** S&P 500 TR USD

📕 Large Blend

, )0	Total	100.00	100.00
	Other	0.00	0.96
	Cash	0.32	0.37
	Bonds	0.00	0.34
	Non-US Stocks	2.97	2.42
	US Stocks	96.71	95.93
	Asset Class	Net %	Cat%

# Loomis Sayles Global Bond N LSGNX

# Portfolio Manager(s)

David Rolley since 09-2000 Lynda Schweitzer since 02-2007 Scott Service since 12-2014

### Quantitative Screens

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

Management: The fund's management has been in place for 24.1 years.

Style Consistency is not calculated for Fixed Income funds.

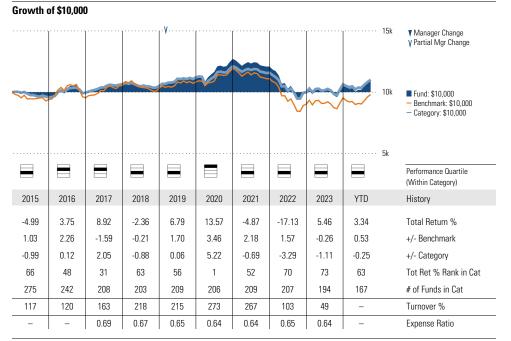
Net Expense: The fund's expense ratio of 0.64 is 29.67% lower than the Global Bond category average.

# **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	08-31-2024

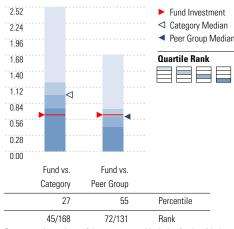


Morningstar Category

Global Bond

### 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.

1.69 0 78 R-Squared 97.97 87.55 Standard Deviation 9.86 10.64 8.85 Sharpe Ratio -0.72 -0 74 -0.61 Tracking Error 1.66 4.10 Information Ratio 0.49 0.55 Up Capture Ratio 92.84 86.73 Down Capture Ratio 89.84 74.48 **Portfolio Metrics** 

	Fund	Bmark	Cat
Avg Eff Duration	6.41	-	6.17
Avg Eff Maturity	8.29	-	10.17

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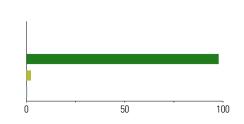
Morningstar Index

Bloomberg GbI Agg Ex USD TR USD

# Loomis Sayles Global Bond N LSGNX

# Style Analysis as of 09-30-2024





Net %	Cat%
0.00	0.13
0.00	0.11
97.66	71.18
2.15	27.58
0.20	1.01
100.00	100.00
	0.00 0.00 97.66 2.15 0.20

**Morningstar Index** 

Bloomberg GbI Agg Ex USD TR USD

**Morningstar Category** 

Global Bond

# Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	31.71	-	22.63
AA	12.50	-	33.26
A	28.66	-	16.13
BBB	22.70	-	18.12
3B	4.50	-	5.18
В	0.00	-	2.42
Below B	0.00	-	0.63
Not Rated	-0.07	-	1.64

	Fund	Bmark	Cat	Fund	۲	Benchma	ark	Ca	tegor	y Aver	age		
Government	57.90	-	46.37		-		-						
Treasury	41.31	-	37.22							_			
Inflation – Protected	1.12	-	3.28										
Agency/Quasi Agency	6.96	-	2.59										
Other Government Related	8.51	_	3.28										
Corporate	23.39	-	17.42			]							
Corporate Bond	23.39	-	16.65			0							
Bank Loan	0.00	-	0.19	0									
Convertible	0.00	-	0.22	0									
Preferred	0.00	_	0.36	0									
Securitized	16.68	-	10.38		]								
Agency MBS Pass-Through	11.55	-	7.88										
Agency MBS ARM	0.00	-	0.00										
Agency MBS CMO	0.20	-	0.73	I[]									
Non-Agency Residential MBS	0.00	-	0.30	0									
Commercial MBS	0.74	-	0.17	0									
Asset-Backed	2.40	-	1.16										
Covered Bond	1.79	-	0.14										
Municipal	0.00	_	0.10	[									
Cash & Equivalents	2.04	_	20.30				0						
Other	0.00	-	5.45	[									

# Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Japan (Government Of) 0.4%	08-2026	4.00	4.00	_
2 Year Treasury Note Future Dec 24	12-2024	3.61	7.61	-
Ultra 10 Year US Treasury Note Future Dec 24	12-2024	2.02	9.63	-
Spain (Kingdom of) 3.25%	04-2034	2.01	11.64	-
South Africa (Republic of) 8.875%	02-2035	1.82	13.46	-
United States Treasury Bonds 2.875%	05-2043	1.76	15.22	-
🕀 Japan (30 Year Issue) Bonds 12/53 1.6	12-2053	1.72	16.94	-
Us Long Bond(Cbt) Dec24 Xcbt 20241219	12-2024	1.66	18.60	-
China Development Bank 3.12%	09-2031	1.66	20.26	-
France (Republic Of) 1.25%	05-2034	1.58	21.84	-

# Total Holdings 239

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# MFS Growth R6 MFEKX

# Portfolio Manager(s)

Eric Fischman since 04-2002 Bradford Mak since 06-2021

# Quantitative Screens

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

*Management:* The fund's management has been in place for 22.51 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 0.51 is 44.57% lower than the Large Growth category average.

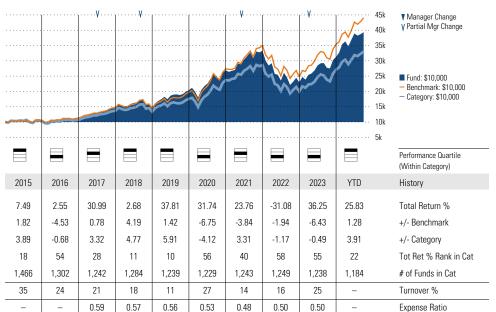
### **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022



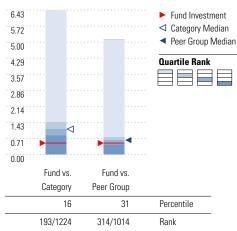


Morningstar Category

Large Growth

### **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.

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha -2.80 -4.22 0.96 0.99 Beta R-Squared 96.94 92.51 Standard Deviation 20.38 20.85 21 45 Sharpe Ratio 0.32 0.47 0.27 Tracking Error 3.65 5.84 Information Ratio -0.96 -0.84 Up Capture Ratio 92.15 91.00 Down Capture Ratio 101.58 105.24

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	37.16	36.55	35.39
Price/Book Ratio	9.65	12.14	9.26
Geom Avg Mkt Cap \$B	497.82	675.16	541.50
ROE	37.25	44.40	41.06

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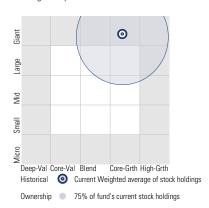


Morningstar Index

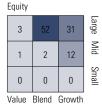
Russell 1000 Growth TR USD

# MFS Growth R6 MFEKX

# Style Analysis as of 09-30-2024 Morningstar Style Box™







### Weight %

>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	13.62	13.62	15.03	Technology
∋ NVIDIA Corp	7.85	21.46	145.27	Technology
$\ni$ Amazon.com Inc	6.68	28.14	22.63	Consumer Cyclical
ightarrow Meta Platforms Inc Class A	6.32	34.46	62.15	Communication Svc
∋ Apple Inc	5.81	40.27	21.40	Technology
$\ominus$ Alphabet Inc Class A	5.72	45.99	19.01	Communication Svc
$\ni$ Mastercard Inc Class A	3.24	49.23	16.24	Financial Services
ightarrow Eli Lilly and Co	2.20	51.43	52.65	Healthcare
∋ Boston Scientific Corp	1.80	53.23	44.96	Healthcare
$\ominus$ Visa Inc Class A	1.74	54.97	6.21	Financial Services
∋ Eaton Corp PLC	1.67	56.64	38.80	Industrials
$\ominus$ KKR & Co Inc Ordinary Shares	1.57	58.21	58.23	Financial Services
$\ni$ Linde PLC	1.48	59.68	17.12	Basic Materials
€ Currency Cash CASH_USD	1.43	61.11	_	-
$\supset$ Vertex Pharmaceuticals Inc	1.41	62.52	14.30	Healthcare

50

Fund

25.08

2.87

9.75

11.62

0.84

61.19

14.17

0.69

6.10

40.23

13.74

2.14

11.03

0.57

Bmark

21.25

0.63

14.03

6 00

0.59

67.12

12.80

0.40

3.49

50.43

11.63

3.63

7.78

0.22

Sector Weighting as of 09-30-2024

0

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

# Total Holdings 68

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Large Growth Russell 1000 Growth TR USD Asset Allocation as of 09-30-2024 N

100

Cat

23.66

1.15

13.31

8.36

0.84

61.28

12.34

0.83

6.11

42.00

15.05

2.72

11.85

0.48

**Morningstar Category** 

0.00 1.43 0.00	0.00 1.11 0.81
0.00	0.00
2.70	4.54
95.87	93.54
Net %	Cat%
	95.87 2.70

**Morningstar Index** 

# Benchmark [] Category Average Fund n. ň 1 0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70



# MFS International Equity R6 MIEIX

# Portfolio Manager(s)

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

# Quantitative Screens

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

*Management:* The fund's management has been in place for 15.01 years.

Style: The fund has landed in its primary style box — Large Blend — 87.5 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.68 is
 18.07% 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	4	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

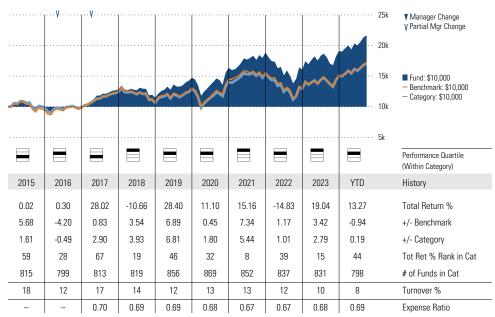




Foreign Large Blend

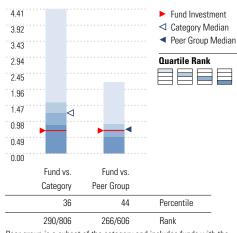
Morningstar Index

MSCI ACWI Ex USA NR USD





### Net Expense



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

Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 2.81 -0.05 1 02 Beta 1 02 \_ 92.03 **R-Squared** 92.90 Standard Deviation 17.35 16.34 17.33 Sharpe Ratio 0.26 0.10 0.10 Tracking Error 4.91 4.62 Information Ratio 0.59 0.00 Up Capture Ratio 114.77 105.97 Down Capture Ratio 104.05 107.27

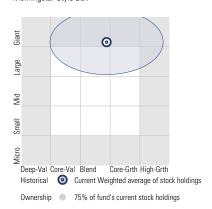
#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 19 45 15 78 15 57 Price/Book Ratio 2.63 1.85 1.89 Geom Avg Mkt Cap \$B 73.50 52 84 63 57 ROE 18.97 16.65 18.70

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# MFS International Equity R6 MIEIX

# Style Analysis as of 09-30-2024 Morningstar Style Box™



# Style Breakdown



### Weight %

<25

>50 25-50 10-25 0-10

# World Regions % Equity 09-30-2024



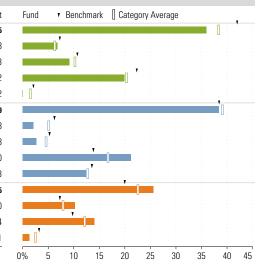
Asset Allocation as of 09-30-2024



### Sector Weighting as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	35.95	41.84	38.35
<b>.</b> #.	Basic Materials	6.81	7.13	6.28
	Consumer Cyclical	9.19	10.56	10.23
ц.	Financial Services	19.95	22.19	20.32
ŵ	Real Estate	0.00	1.96	1.52
V <sup>ar</sup>	Sensitive	38.44	38.31	39.09
đ	Communication Services	2.15	6.08	5.08
0	Energy	2.66	5.12	4.58
¢	Industrials	21.21	13.70	16.70
	Technology	12.42	13.41	12.73
-	Defensive	25.62	19.84	22.55
E	Consumer Defensive	10.24	7.14	7.90
٠	Healthcare	14.01	9.63	12.14
9	Utilities	1.37	3.07	2.51

#### Asset Class Net % Cat% US Stocks 1.93 3.83 Non-US Stocks 96.88 93.48 Bonds 0.00 0.55 Cash 1.19 0.63 Other 0.00 1.53 Total 100.00 100.00



	Greater Asia	Fund % 25.92	Cat % 34.59	Americas	Fund % 5.73	Cat % 8.81	Greater Europe	Fund % 68.34	Cat % 56.59	Market Maturity	Fund %
	Japan	16.02	18.85	North America	5.73	7.75	United Kingdom	12.58	13.90	Developed Markets	95.84
	Australasia	0.00	4.68	Central/Latin	0.00	1.06	W euro-ex UK	54.71	41.71	Emerging Markets	4.16
	Asia-4 Tigers	5.74	6.46				Emrgng Europe	0.00	0.12	Not Available	0.00
	Asia-ex 4 Tigers	4.16	4.60				Africa	1.05	0.86		
	Not Classified	0.00	0.00								
>75											

# Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Hitachi Ltd	3.01	3.01	_	Industrials
ightarrow Schneider Electric SE	2.92	5.93	31.86	Industrials
$oldsymbol{eta}$ Air Liquide SA	2.86	8.79	10.03	Basic Materials
€ SAP SE	2.72	11.51	48.12	Technology
$\oplus$ Nestle SA	2.33	13.85	-	Consumer Defensive
$\oplus$ Roche Holding AG	2.30	16.15	-	Healthcare
€ Compass Group PLC	2.28	18.43	13.62	Consumer Cyclical
€ Novo Nordisk AS Class B	2.10	20.54	-	Healthcare
€ Experian PLC	2.08	22.62	24.21	Industrials
🕀 Capgemini SE	2.01	24.63	4.56	Technology

# Total Holdings 80

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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Morningstar Category Mor Foreign Large Blend MSC

Morningstar Index MSCI ACWI Ex USA NR USD

# MFS Mid Cap Growth R6 OTCKX

# Portfolio Manager(s)

Eric Fischman since 11-2008 Eric Braz since 06-2021

# 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 15.87 years.

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

Net Expense: The fund's expense ratio of 0.66 is 37.74% lower than the Mid-Cap Growth category average.

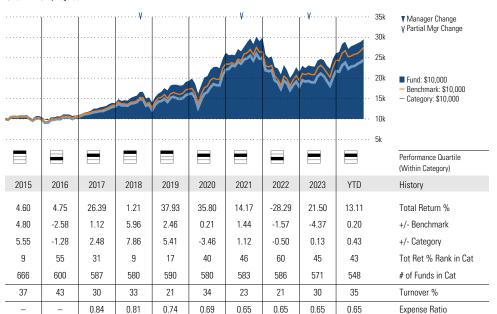
### **Morningstar Investment Management LLC Analysis**

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	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022





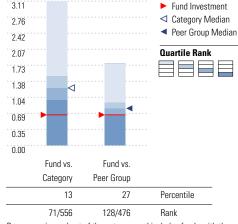
Morningstar Category

Mid-Cap Growth





Beta



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 Benchmark Category Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat -0.73 -2.53 0.92 0.98 94.82 **R-Squared** 90.82 Standard Deviation 20 10 21.31 22 10 Sharpe Ratio -0.02 0.03 -0.08 Tracking Error 4.90 6.61 Information Ratio -0.18 -0.59 Up Capture Ratio 92.39 94.64 Down Capture Ratio 95.16 104.30 **Portfolio Metrics** 

**Total Return %** 

as of 09-30-2024

	Fund	Bmark	Cat
Price/Earnings Ratio	38.57	31.89	33.60
Price/Book Ratio	6.64	8.97	5.72
Geom Avg Mkt Cap \$B	27.37	24.60	22.41
ROE	18.31	31.31	21.72

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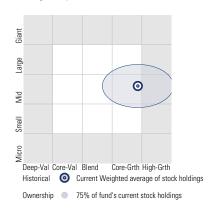


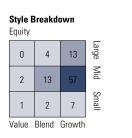
Morningstar Index

Russell Mid Cap Growth TR USD

# MFS Mid Cap Growth R6 OTCKX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™





# Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Howmet Aerospace Inc	3.32	3.32	85.57	Industrials
igodolog Monolithic Power Systems Inc	2.77	6.09	47.16	Technology
	2.75	8.85	_	-
Guidewire Software Inc	2.43	11.28	67.77	Technology
Spotify Technology SA	2.25	13.53	96.12	Communication Svc
Bright Horizons Family Solutions Inc	2.18	15.71	48.69	Consumer Cyclical
Gartner Inc	2.17	17.88	12.34	Technology
MSCI Inc	2.14	20.02	3.90	Financial Services
Verisk Analytics Inc	2.13	22.15	12.67	Industrials
Tyler Technologies Inc	2.10	24.25	39.61	Technology
Take-Two Interactive Software Inc	2.09	26.34	-4.50	Communication Svc
Wolters Kluwer NV	2.05	28.38	19.26	Industrials
Westinghouse Air Brake Technologies Corp	1.97	30.36	43.71	Industrials
Arthur J. Gallagher & Co	1.86	32.22	25.92	Financial Services
$\ominus$ Vulcan Materials Co	1.85	34.07	10.92	Basic Materials

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

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Energy

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Utilities

50

100

Bmark

28.42

0.99

15.37

10.61

1.45

53.61

2.63

3.89

16.38

30.71

17.96

2.43

13.79

1.74

Fund

28.80

1.90

12.64

12.69

1.57

54.19

6.35

2.94

22.12

22.78

17.01

1.66

14.76

0.59

# Total Holdings 93

 $\oplus$  Increase  $\oplus$  Decrease 🕸 New to Portfolio

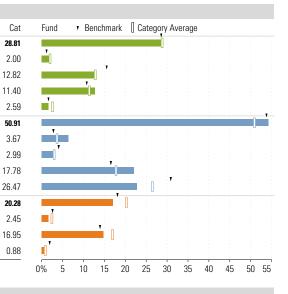
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 Morningstar Category
 Morningstar Index

 Image: Mid-Cap Growth
 Russell Mid Cap Growth TR USD

#### Asset Class Net % Cat% US Stocks 87.98 93.78 Non-US Stocks 9.27 4.14 Bonds 0.00 0.05 Cash 2.75 1.54 0.00 Other 0.50 Total 100.00 100.00



# MFS New Discovery R6 MNDKX

# 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 in existence.

Management: The fund's management has been in place for 10.76 years.

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

Net Expense: The fund's expense ratio of 0.9 is 22.41% lower than the Small Growth category average.

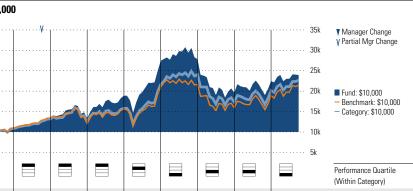
# **Morningstar Investment Management LLC Analysis**

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

### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022





2022

2023

YTD

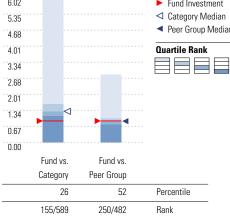
**Morningstar Category** 

Small Growth

Trailing	Performa	ance							······30% ·····25 ····20	Total Return % as of 09-30-2024 Fund Benchmark
-	-	0.97	0.96	0.95	0.92	0.88	0.88	0.89	0.90	Expense Ratio
56	49	53	67	69	64	71	58	60	56	Turnover %
689	634	640	640	630	626	619	613	615	582	# of Funds in Cat
42	59	22	22	3	30	84	65	68	90	Tot Ret % Rank in Cat
0.61	-2.19	5.00	4.47	13.58	6.56	-10.31	-1.78	-2.24	-6.02	+/- Category
-0.42	-2.31	4.33	8.02	12.78	10.55	-1.25	-3.19	-4.22	-6.55	+/- Benchmark
-1.80	9.01	26.50	-1.29	41.26	45.18	1.58	-29.55	14.44	6.67	Total Return %

2021





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

407 –	# of	Funds in Ca	tegory
<b>3-Year Risk Metrics</b>	6		
	Fund	Bmark	Cat
Alpha	-6.66	-	-1.40
Beta	0.89	-	0.92
R-Squared	94.12	-	91.59
Standard Deviation	21.19	23.09	22.33
Sharpe Ratio	-0.40	-0.07	-0.13
Tracking Error	5.73	-	6.78
Information Ratio	-1.10	-	-0.14
Up Capture Ratio	73.39	-	89.78
Down Capture Ratio	94.86	-	94.76

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.10	23.07	28.66
Price/Book Ratio	3.25	4.22	4.19
Geom Avg Mkt Cap \$B	5.51	3.28	6.71
BOE	5 38	6 24	12 92

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Morningstar Index

Russell 2000 Growth TR USD

History



2015

# Т

2016

2017

2018

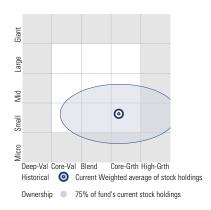
2019

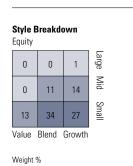
2020

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# MFS New Discovery R6 MNDKX

**Style Analysis** as of 09-30-2024 Morningstar Style Box™





>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Currency Cash CASH_USD	4.10	4.10	_	_
earrow Summit Materials Inc Class A	2.28	6.38	1.48	Basic Materials
CACI International Inc Class A	2.19	8.58	55.80	Technology
US Foods Holding Corp	2.17	10.75	35.43	Consumer Defensive
Crane Co	2.13	12.87	34.50	Industrials
Guidewire Software Inc	2.01	14.88	67.77	Technology
TopBuild Corp	1.92	16.80	8.70	Industrials
$\ni$ RB Global Inc	1.74	18.54	21.57	Industrials
nVent Electric PLC	1.73	20.27	19.87	Industrials
CCC Intelligent Solutions Holdings Inc	1.65	21.93	-2.99	Technology
∋ GFL Environmental Inc	1.63	23.56	15.68	Industrials
∋ TechnipFMC PLC	1.59	25.15	30.98	Energy
Genius Sports Ltd	1.56	26.71	26.86	Communication Svc
KBR Inc	1.52	28.22	18.35	Industrials
Skechers USA Inc Class A	1.49	29.71	7.35	Consumer Cyclical

# Total Holdings 111

 $\oplus$  Increase  $\ominus$  Decrease R New to Portfolio

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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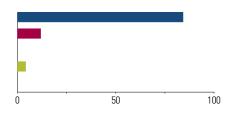
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Energy

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Utilities



Bmark

22.41

4.19

9.35

7 23

1.64

47.63

1.80

3.35

20.63

21.85

29.95

3.81

25.54

0.60

Fund

18.39

3.10

7.41

3.58

4.30

52.49

1.98

5.61

20.40

24.50

29.12

4.92

24.20

0.00

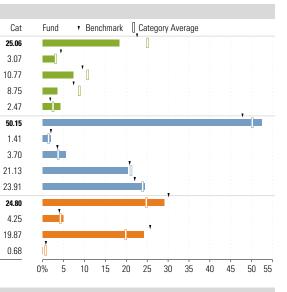
#### Asset Class Net % Cat% US Stocks 84.19 92.73 Non-US Stocks 11.72 4.54 Bonds 0.00 0.00 Cash 4.09 1.50 0.00 Other 1.23 Total 100.00 100.00

Morningstar Index

Russell 2000 Growth TR USD

**Morningstar Category** 

Small Growth



# Neuberger Berman Real Estate R6 NRREX

Portfolio Manager(s)

Steve Shigekawa since 12-2005 Brian Jones since 10-2008 Archena Alagappan since 04-2024

### Quantitative Screens

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

Management: The fund's management has been in place for 18.76 years.

Style: The fund has landed in its primary style box — Mid-Cap Blend - 84.38 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.76 is 31.53% 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**

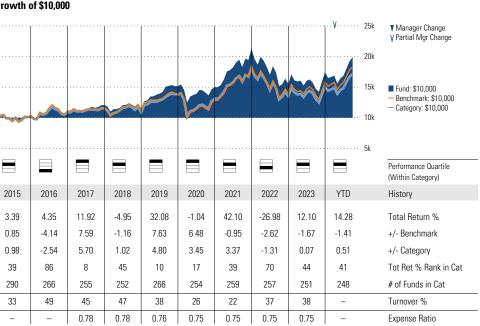
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022





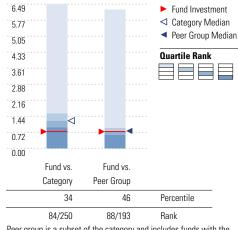
Real Estate

Morningstar Index S&P United States REIT TR USD



### **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.

156 –	# of	Funds in Ca	ategory
<b>3-Year Risk Metrics</b>	S		
	Fund	Bmark	Cat
Alpha	-2.03	-	-2.12
Beta	1.01	-	0.97
R-Squared	97.32	-	94.85
Standard Deviation	21.96	21.44	21.37
Sharpe Ratio	0.06	0.16	0.05
Tracking Error	3.60	-	4.07
Information Ratio	-0.59	-	-0.70
Up Capture Ratio	97.26	-	93.85
Down Capture Ratio	103.60	-	100.60

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	39.98	38.46	36.76
Price/Book Ratio	2.55	2.42	2.68
Geom Avg Mkt Cap \$B	33.34	9.35	38.20
BOE	18 10	9 56	16 26

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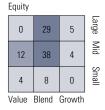


# Neuberger Berman Real Estate R6 NRREX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

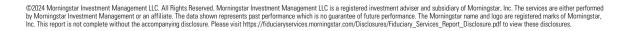
>50 25-50 10-25 0-10

# Top 15 Holdings as of 09-30-2024

10p 15 Holdings as 01 09-30-2024				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Prologis Inc	8.85	8.85	-3.11	Real Estate
$\ominus$ American Tower Corp	8.48	17.33	9.23	Real Estate
$\ni$ Equinix Inc	7.11	24.44	11.80	Real Estate
igodolog AvalonBay Communities Inc	4.71	29.15	23.04	Real Estate
⇒ Welltower Inc	4.69	33.84	44.08	Real Estate
$\ominus$ Iron Mountain Inc	4.58	38.42	72.69	Real Estate
$\ni$ Public Storage	4.55	42.97	22.25	Real Estate
$\ni$ Ventas Inc	4.47	47.44	30.48	Real Estate
$\ni$ Simon Property Group Inc	4.37	51.81	22.70	Real Estate
$\oplus$ Sun Communities Inc	3.89	55.70	3.23	Real Estate
$\ominus$ SBA Communications Corp Class A	3.82	59.52	-3.96	Real Estate
$\ni$ Realty Income Corp	3.13	62.65	14.07	Real Estate
	2.57	65.22	7.06	Real Estate
igodolog Extra Space Storage Inc	2.42	67.63	15.42	Real Estate
$\ominus$ UDR Inc	2.39	70.02	21.73	Real Estate

# Total Holdings 34

 $\oplus$  Increase  $\ominus$  Decrease R New to Portfolio



M

RNINGSTAR

Morningstar Category Morn Real Estate S&P

Morningstar Index

S&P United States REIT TR USD

0	50	100

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Asset Class	Net %	Cat%
US Stocks	98.32	88.74
Non-US Stocks	0.00	1.06
Bonds	0.00	1.02
Cash	1.68	1.55
Other	0.00	7.63
Total	100.00	100.00

#### Benchmark [] Category Average Bmark Cat Fund Fund Դ Cyclical 100.00 99.13 99.07 ŵ. Basic Materials 0.00 0.00 0.11 i ( A Consumer Cyclical 0.00 0.13 1.78 ц. Financial Services 0.00 0.35 0 00 ŵ Real Estate 100.00 99.00 96.83 Sensitive 0.00 0.87 ~ 0.75 đ **Communication Services** 0.00 0.00 0.16 Energy 0.00 0.00 0.02 ¢ Industrials 0.00 0.87 0.27 Technology 0.00 0.00 0.30 0.00 0.00 Defensive 0.19 F 0.00 **Consumer Defensive** 0.00 0.00 Healthcare 0.00 0.00 0.16 Utilities 0.00 0.00 0.03 0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 9500

# PIMCO Commodity Real Ret Strat Instl PCRIX

Updated

08-31-2024

# Portfolio Manager(s)

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

### Quantitative Screens

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

Management: The fund's management has been in place for 5.92 years.

Style Consistency is not calculated for Fixed Income funds.

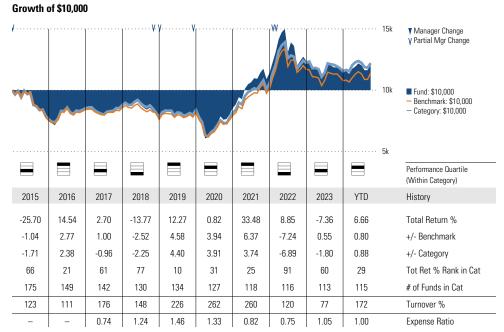
Net Expense: The fund's expense ratio of 1 is 0.99% lower than the Commodities Broad Basket category average.

# **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 Sustainability Rating 2

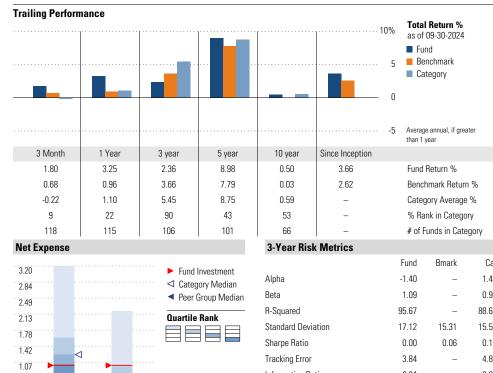


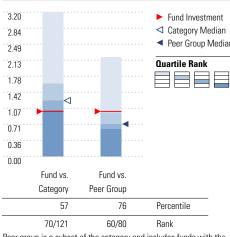
Morningstar Category

Commodities Broad Basket

Morningstar Index

Bloomberg Commodity TR USD





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

Cat 1.47 0.96 88.68 15.55 0.14 4.85 Information Ratio -0.34 0.04 Up Capture Ratio 102.41 95.40 109.45 88.21 Down Capture Ratio .....

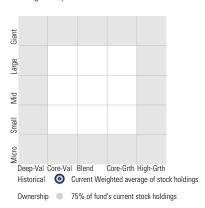
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	12.27	-	7.93
Price/Book Ratio	3.56	-	1.87
Geom Avg Mkt Cap \$B	16.44	-	44.07
ROE	29.97	-	27.17

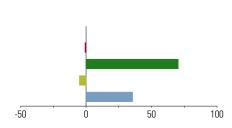
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# PIMCO Commodity Real Ret Strat Instl PCRIX

Style Analysis as of 09-30-2024 Morningstar Style Box™





-0.82 70.36 -5.07 35.53	0.37 31.65 54.16 12.74
70.36	31.65
-0.82	0.37
0.00	1.08
Net %	Cat%

# Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fun	d	• Be	nchma	ark 🛛	Categ	jory Av	erage				
Դ	Cyclical	-	-	44.68										0		
ŵ.	Basic Materials	-	-	44.68										0		
≏	Consumer Cyclical	-	-	0.00	Ó											
÷.	Financial Services	-	-	0.00	0											
æ	Real Estate	-	-	0.00	Ū											
M	Sensitive	-	-	51.07											[	
d	Communication Services	-	-	0.00	ĺ											
•	Energy	-	-	48.94											[	
\$	Industrials	-	-	2.13	0											
	Technology	-	-	0.00	Ì											
•	Defensive	-	-	4.26												
	Consumer Defensive	-	-	4.26		0										
	Healthcare	-	_	0.00	Ì											
2	Utilities	-	-	0.00	Ó											
					0%	5	10	15	20	25	30	35	40	45	50	ļ

# Style Breakdown



# >50 25-50 10-25 0-10

Weight %

# Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ 2 Year Treasury Note Future Sept 24	23.08	23.08	_	_
○ RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Receive	21.17	44.25	-	-
RFR EUR ESTRON/3.47500 02/26/24-1Y LCH Pay	21.17	65.42	-	-
United States Treasury Notes 0.125%	16.27	81.69	-	-
券 Offset: Unsettled Trades	13.98	95.67	-	-
娄 Cash Offset	12.35	108.02	_	-
IRS EUR 2.75000 09/18/24-10Y LCH Pay	12.23	120.25	-	-
IRS EUR 2.75000 09/18/24-10Y LCH Receive	12.18	132.43	-	-
United States Treasury Notes 0.125%	10.41	142.84	-	-
$\odot$ 10 Year Treasury Note Future Sept 24	9.42	152.26	-	_
⊖ US Treasury Bond Future Sept 24	9.36	161.62	_	-
$\oplus$ Pimco Cayman Cmdty Fd Ltd Instl	9.21	170.83	-	-
➔ United States Treasury Notes 0.5%	8.49	179.32	-	-
	8.46	187.78	-	-
⊖ U S TIPS REV REPO	8.43	196.21	_	_

### Total Holdings 774

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio



Morningstar Category Morningstar Index

Commodities Broad Basket Bloomberg Commodity TR USD

### Morningstar

# PIMCO Income Insti PIMIX

# Portfolio Manager(s)

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

### Quantitative Screens

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

Management: The fund's management has been in place for 17.52 years.

Style Consistency is not calculated for Fixed Income funds.

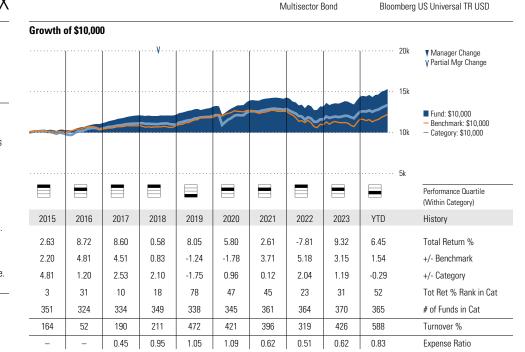
Net Expense: The fund's expense ratio of 0.83 is 16.16% lower than the Multisector Bond category average.

# **Morningstar Investment Management LLC Analysis**

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

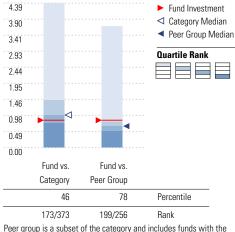
# **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024









46	78	Percentile	Avg Eff [
373	199/256	Rank	Avg Eff N
subset o	the		
ent style	e (active vs. passiv	/e) and similar share o	class

Cat Alpha 3.26 2.10 0.82 0 78 Beta R-Squared 87.06 78.51 Standard Deviation 6 61 7 52 6.59 Sharpe Ratio -0.19 -0.63 -0.36 Tracking Error 2.74 3.57 Information Ratio 1.27 0.69 Up Capture Ratio 93.26 82.37 Down Capture Ratio 62.51 63.09 **Portfolio Metrics** 

	Fund	Bmark	Cat
Avg Eff Duration	4.22	4.55	3.95
Avg Eff Maturity	5.48	7.69	6.43

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same manageme characteristics.



Morningstar Category Morningstar Index

Bloomberg US Universal TR USD

# PIMCO Income Insti PIMIX

### Style Analysis as of 09-30-2024 Style Breakdown



-100 -50 0 50 100 150 200

Asset Class	Net %	Cat%
US Stocks	0.61	1.19
Non-US Stocks	0.33	0.15
Bonds	154.54	112.55
Cash	-55.09	-13.24
Other	-0.37	-0.65
Total	100.00	100.00

**Morningstar Index** 

Bloomberg US Universal TR USD

Morningstar Category

Multisector Bond

# Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	64.80	67.64	19.88
AA	5.56	3.23	11.93
A	4.10	10.03	11.10
BBB	11.30	10.89	24.08
BB	3.96	3.19	15.27
В	4.18	3.64	9.24
Below B	6.10	1.38	2.98
Not Rated	0.00	0.00	5.53

	Fund	Bmark	Cat	Fund	,	Benchm	ark 🛛 C	Category	Average			
Government	30.02	-	35.09				-	-				
Treasury	3.02	-	9.02			0						
Inflation – Protected	2.11	-	1.04									
Agency/Quasi Agency	0.01	-	0.21	0								
Other Government Related	24.88	-	24.82									
Corporate	3.26	-	33.22								0	
Corporate Bond	2.69	-	28.24							0		
Bank Loan	0.56	-	3.12									
Convertible	0.01	-	0.62	10								
Preferred	0.00	-	1.24	10								
Securitized	30.16	-	26.87						]			
Agency MBS Pass-Through	16.72	-	9.84				-					
Agency MBS ARM	0.00	-	0.07	0								
Agency MBS CMO	0.11	-	3.09	[								
Non-Agency Residential MBS	4.82	-	5.32									
Commercial MBS	0.34	-	2.08									
Asset-Backed	8.17	-	6.47									
Covered Bond	0.00	_	0.00	D								
Municipal	0.02	-	0.20	0								
Cash & Equivalents	25.78	-	2.05									
Other	10.72	-	2.58									
				0%	5	10	15	20	25	30	35	40

# Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
☆ Offset: Unsettled Trades	_	56.72	56.72	_
⊕ RFR USD SOFR/4.50000 05/22/23-2Y LCH Pay	05-2025	13.93	70.65	-
€ RFR USD SOFR/4.50000 05/22/23-2Y LCH Receive	05-2025	13.85	84.50	-
€ Federal National Mortgage Association 6%	08-2054	11.81	96.32	-
⊕ RFR GBP SONIO/4.00000 09/18/24-5Y LCH Receive	09-2029	8.23	104.55	-
⊕ RFR GBP SONIO/4.00000 09/18/24-5Y LCH Pay	09-2029	8.20	112.76	_
① RFR USD SOFR/4.90000 06/06/23-2Y LCH Pay	06-2025	8.20	120.96	-
RFR USD SOFR/4.90000 06/06/23-2Y LCH Receive	06-2025	8.19	129.14	-
🗱 Cash Offset	-	8.04	137.18	-
⊖ BRITISH POUND STERLING Sold	08-2024	7.01	144.19	-

# Total Holdings 9462

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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# PIMCO Short-Term Instl PTSHX

# Portfolio Manager(s)

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

### Quantitative Screens

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

Management: The fund's management has been in place for 13.76 years.

Style Consistency is not calculated for Fixed Income funds.

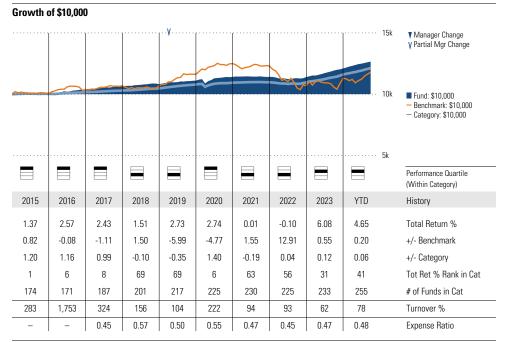
Net Expense: The fund's expense ratio of 0.48 is 20% higher than the Ultrashort Bond category average.

# 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	08-31-2024

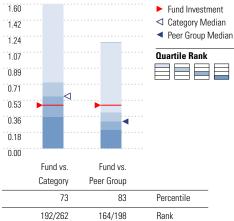


Morningstar Category

Ultrashort Bond

### **Trailing Performance**





 192/262
 164/198
 Rank
 Avg Eff I

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

Cat Alpha 3.37 3.45 Beta 0.02 0 10 R-Squared 1.90 34.61 Standard Deviation 1 30 7 63 1.27 Sharpe Ratio -0.52 -0.66 -0.69 Tracking Error 7.56 6.98 Information Ratio 0.63 0.68 Up Capture Ratio 14.87 23.03 Down Capture Ratio -16.33 -9.00

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	-0.01	4.43	1.24
Avg Eff Maturity	-	-	1.90

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Morningstar Index

Bloomberg US Agg Bond TR USD

# PIMCO Short-Term Instl PTSHX

# Style Analysis as of 09-30-2024





Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	51.10	3.53	39.54
AA	5.77	74.59	12.56
А	23.30	10.82	16.29
BBB	18.71	8.32	17.53
BB	0.69	0.28	2.42
В	0.23	0.00	1.19
Below B	0.20	0.00	0.39
Not Rated	0.00	2.46	10.08

	30-2024										
	Fund	Bmark	Cat	Fund	۲	Benchmark	Cat	egory A	verage		
Government	18.73	-	20.94								
Treasury	13.42	-	17.04				0				
Inflation – Protected	1.89	-	0.18								
Agency/Quasi Agency	1.93	-	0.88								
Other Government Related	1.49	-	2.84								
Corporate	27.71	-	36.21							[	
Corporate Bond	27.71	-	36.05							0	
Bank Loan	0.00	-	0.14	0							
Convertible	0.00	-	0.00	Ū.							
Preferred	0.00	-	0.02	İ							
Securitized	27.46	-	20.68					0			
Agency MBS Pass-Through	0.51	-	0.95								
Agency MBS ARM	0.08	-	0.17	0							
Agency MBS CMO	1.23	-	1.70								
Non-Agency Residential MBS	2.71	-	0.15								
Commercial MBS	2.82	-	2.09								
Asset-Backed	20.11	-	15.62				)				
Covered Bond	0.00	-	0.00	Ó							
Municipal	0.20	_	0.50	I)							
Cash & Equivalents	20.00	_	20.12								
Other	5.86	_	1.56								

# Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
群 Offset: Unsettled Trades	-	23.59	23.59	-
🗱 Cash Offset	-	17.03	40.61	-
	07-2024	14.29	54.90	-
igodolog 5 Year Treasury Note Future Sept 24	10-2024	8.71	63.61	-
$\oplus$ United States Treasury Bills 0%	08-2024	6.84	70.46	-
€ ORO USD 1Y P 4.90000 L 09/09/24 FAR	09-2024	4.73	75.18	-
igodological AUSTRALIAN DOLLARS Sold	08-2024	3.74	78.92	-
igeq AUSTRALIAN DOLLARS Purchased	08-2024	3.74	82.66	-
€ U S TREASURY REPO	07-2024	2.65	85.31	-
ightarrow United States Treasury Notes 4.5%	05-2029	2.55	87.86	-

# Total Holdings 1153

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category Morningstar Index** Ultrashort Bond

Bloomberg US Agg Bond TR USD

Total	100.00	100.00
Other	0.05	0.15
Cash	23.03	28.72
Bonds	76.93	66.89
Non-US Stocks	0.00	0.05
US Stocks	0.00	4.20
Asset Class	Net %	Cat%

# 50 100 0

Asset Allocation as of 09-30-2024

# T. Rowe Price Retirement 2010 I TRPUX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

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

Net Expense: The fund's expense ratio of 0.34 is 34.62% lower than the Target-Date 2000-2010 category average.

# **Morningstar Investment Management LLC Analysis**

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

### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	08-31-2024		
ESG Commitment	1-Low	02-15-2022		

										15k ▼ Manager Change γ Partial Mgr Change
										<ul> <li>■ Fund: \$10,000</li> <li>— Benchmark: \$10,000</li> <li>— Category: \$10,000</li> <li>10k</li> </ul>
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
-	-	_	-	-	-	_	-	_	10.31	Total Return %
-	-	-	-	-	-	-	-	-	1.06	+/- Benchmark
-	-	-	-	-	-	-	-	-	1.54	+/- Category
-	-	_	-	-	-	-	-	-	2	Tot Ret % Rank in Cat
-	-	_	-	-	-	-	-	-	99	# of Funds in Cat
-	-	_	-	-	-	-	-	-	29	Turnover %
_	-	_	-	_	_	_	_	_	_	Expense Ratio

**Morningstar Category** 

Target-Date 2000-2010

# **Trailing Performance**



Down Capture Ratio

.18										
.00										
	Fund v	s.		F	und v	s.				
	Catego	ry		Pee	r Grou	цр				
	3	80			6	65	Pe	rcentile	9	
	31/10	)2		1	46/22	26	Ra	ink		
			- f .				 Const.			l

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

**Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 22 39 22 04 21.76 Price/Book Ratio 3.08 2.93 3.05 Avg Eff Duration 5.08 5 1 4

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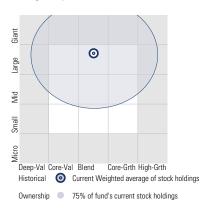


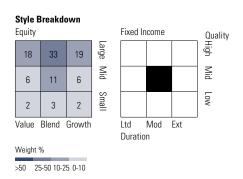
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Morningstar Index Morningstar Lifetime Mod 2010 TR USD

# T. Rowe Price Retirement 2010 I TRPUX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

**Basic Materials** 

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

**℃** Cyclical

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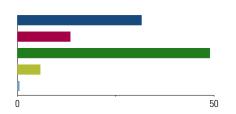
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Energy

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Utilities



Fund

33.34

5.19

9.08

14.36

4.71

45.39

6.08

5.61

10.36

23.34

21.27

5.75

13.35

2.17

Bmark

36.70

3.76

10.02

14.40

8.52

44.34

6.56

3.82

10.64

23.32

18.96

5.64

10.53

2.79

0 100.00
4 4.06
4.64
9 56.11
11.66
53 23.54
% Cat%

**Morningstar Category** 

Target-Date 2000-2010

Morningstar Index Morningstar Lifetime Mod 2010 TR USD

#### Benchmark [] Category Average Fund Cat 32.65 4.61 i i i 9.13 15.33 3.58 46.04 6.60 5.52 10.90 23.02 21.31 6.23 12.26 2.82 0% 5 10 15 20 25 30 35 40 45 50

# Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$oldsymbol{ m  ilde{D}}$ T. Rowe Price Ltd Dur Infl Focus Bd Z	_	15.42	15.42	_	_
🕀 T. Rowe Price New Income Z	-	14.98	30.40	_	_
$\supset$ T. Rowe Price Value Z	-	6.78	37.18	_	-
igeq T. Rowe Price Growth Stock Z	-	6.17	43.35	_	-
igap T. Rowe Price Intl Bd (USD Hdgd) Z	-	5.22	48.57	-	-
$\ominus$ T. Rowe Price Hedged Equity Z	-	4.66	53.23	-	-
$\supset$ T. Rowe Price US Large-Cap Core Z	-	4.43	57.66	_	-
$\supset$ T. Rowe Price Equity Index 500 Z	-	3.98	61.64	_	-
$\supset$ T. Rowe Price Emerging Markets Bond Z	-	3.44	65.08	-	-
T. Rowe Price Overseas Stock Z	_	3.36	68.43	-	_

# Total Holdings 28

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio

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# T. Rowe Price Retirement 2015 | TRUBX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three vears.

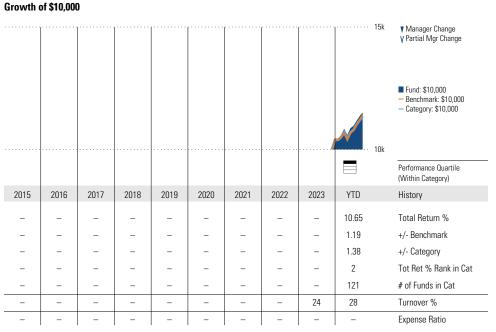
Net Expense: The fund's expense ratio of 0.35 is 37.5% lower than the Target-Date 2015 category average.

# Morningstar Investment Management LLC Analysis

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

### **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	08-31-2024		
ESG Commitment	1-Low	02-15-2022		

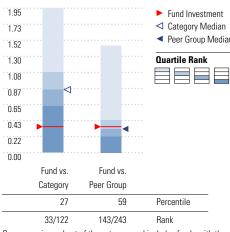


**Morningstar Category** 

Target-Date 2015

### **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.

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

**Total Return %** 

	Fund	Bmark	Cat
Alpha	-	-	0.77
Beta	-	-	0.91
R-Squared	-	-	98.48
Standard Deviation	-	10.87	9.93
Sharpe Ratio	-	-0.13	-0.09
Tracking Error	-	-	1.62
Information Ratio	-	-	0.42
Up Capture Ratio	-	-	93.92
Down Capture Ratio	-	-	89.01

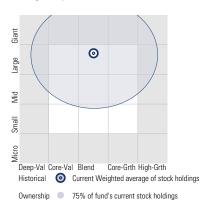
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.42	21.84	21.67
Price/Book Ratio	3.09	2.89	3.03
Avg Eff Duration	5.16	-	5.05

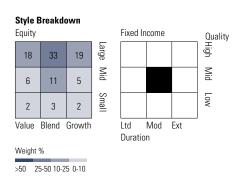
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# T. Rowe Price Retirement 2015 I TRUBX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

**Basic Materials** 

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

**℃** Cyclical

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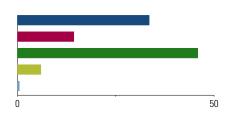
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Energy

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Utilities



Fund

33.29

5.15

9.10

14.36

4.68

45.43

6.10

5.58

10.35

23.40

21.28

5.75

13.34

2.19

Bmark

36.86

3.83

10.07

14.55

8.41

44.16

6.51

3.83

10.74

23.08

18.98

5.66

10.52

2.80

Other	0.44	5.09
Cash	5.92	3.30
Bonds	45.85	52.65
Non-US Stocks	14.31	13.25
US Stocks	33.48	25.71
Asset Class	Net %	Cat%

**Morningstar Category** 

Target-Date 2015

Morningstar Index Morningstar Lifetime Mod 2015 TR USD

#### Benchmark [] Category Average Fund Cat 32.76 4.60 i i i 9.44 15.38 3.34 46.39 6.69 5.30 11.08 23.32 20.86 5.97 12.16 2.73 0% 5 10 15 20 25 30 35 40 45 50

# Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ T. Rowe Price New Income Z	_	14.57	14.57	_	_
$oldsymbol{f  heta}$ T. Rowe Price Ltd Dur Infl Focus Bd Z	-	13.42	27.99	_	_
∋ T. Rowe Price Value Z	-	7.22	35.21	_	_
$\supset$ T. Rowe Price Growth Stock Z	-	6.55	41.76	_	_
$\ominus$ T. Rowe Price Intl Bd (USD Hdgd) Z	-	5.07	46.83	-	-
∋ T. Rowe Price Hedged Equity Z	-	4.96	51.79	-	-
∋ T. Rowe Price Equity Index 500 Z	-	4.81	56.59	_	_
∋ T. Rowe Price US Large-Cap Core Z	-	4.71	61.31	_	_
T. Rowe Price Overseas Stock Z	-	3.63	64.93	_	_
T. Rowe Price International Value Eq Z	_	3.48	68.41	_	_

# Total Holdings 33

 $\oplus$  Increase  $\oplus$  Decrease New to Portfolio

## T. Rowe Price Retirement 2020 | TRDBX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three vears.

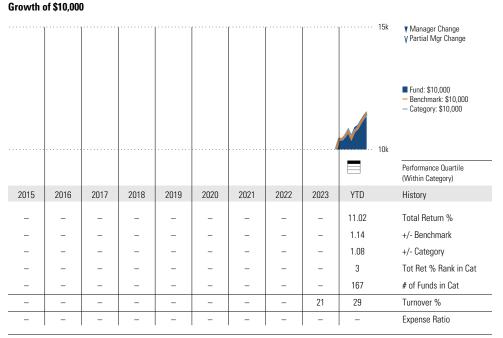
Net Expense: The fund's expense ratio of 0.37 is 31.48% lower than the Target-Date 2020 category average.

#### 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.

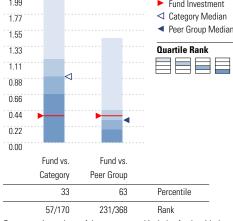
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022



#### **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.

R-Squared 98.59 Standard Deviation \_ 11.83 10 58 Sharpe Ratio -0.12 -0.05 Tracking Error 1.91 Information Ratio 0.52 Up Capture Ratio 93.13 Down Capture Ratio 86.75

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.42	21.64	21.65
Price/Book Ratio	3.09	2.85	2.92
Avg Eff Duration	5.26	-	5.15

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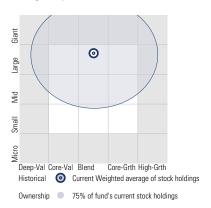
Morningstar Index Morningstar Lifetime Mod 2020 TR

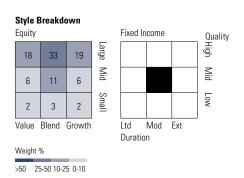
USD

Morningstar Category Target-Date 2020

# T. Rowe Price Retirement 2020 I TRDBX

Style Analysis as of 09-30-2024 Morningstar Style Box™





Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

**Consumer Cyclical** 

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

**℃** Cyclical

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Energy

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Utilities



Fund

33.31

5.17

9.10

14.34

4.70

45.41

6.09

5.59

10.33

23.40

21.27

5.75

13.34

2.18

Bmark

36.89

3.90

10.12

14.68

8.19

44.14

6.49

3.86

10.87

22.92

18.97

5.67

10.51

2.79

#### Asset Class Net % Cat% US Stocks 35.45 24.84 Non-US Stocks 15.23 12.88 Bonds 42.77 50.77 Cash 6.11 2.21 Other 0.45 9.30 Total 100.00 100.00

**Morningstar Category** 

Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Fund Benchmark [] Category Average Cat 34.82 3.96 9.96 15.47 5.43 45.83 7.04 4.26 10.57 23.96 19.35 5.54 11.27 2.54 0% 5 10 15 20 25 30 35 40 45 50

#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ T. Rowe Price New Income Z	_	14.09	14.09	_	_
$\oplus$ T. Rowe Price Ltd Dur Infl Focus Bd Z	-	11.44	25.53	-	_
∋ T. Rowe Price Value Z	-	7.67	33.20	-	_
$\ni$ T. Rowe Price Growth Stock Z	_	6.97	40.18	_	_
$\ominus$ T. Rowe Price Hedged Equity Z	-	5.26	45.44	-	-
∋ T. Rowe Price Equity Index 500 Z	-	5.04	50.48	_	-
∋ T. Rowe Price US Large-Cap Core Z	-	5.00	55.48	_	_
$\supset$ T. Rowe Price Intl Bd (USD Hdgd) Z	-	4.95	60.42	_	_
$\ni$ T. Rowe Price Overseas Stock Z	_	3.88	64.30	_	_
T. Rowe Price International Value Eq Z	_	3.68	67.97	-	_

#### Total Holdings 33

 $\oplus$  Increase  $\oplus$  Decrease New to Portfolio

## T. Rowe Price Retirement 2025 I TREHX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three vears.

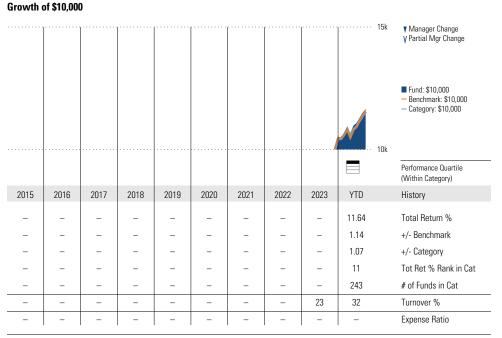
Net Expense: The fund's expense ratio of 0.38 is 32.14% lower than the Target-Date 2025 category average.

#### 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	08-31-2024
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2025

#### **Trailing Performance**



Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.34	21.43	21.88
Price/Book Ratio	3.07	2.81	2.95
Avg Eff Duration	5.46	-	5.46

84/245 381/561 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

68

Percentile

Rank

Fund vs Peer Group

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Fund vs

Category 34

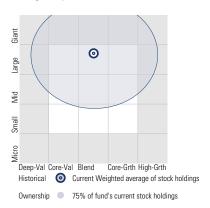


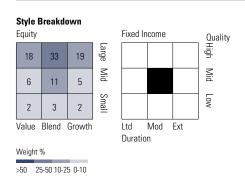
Morningstar Index Morningstar Lifetime Mod 2025 TR

USD

# T. Rowe Price Retirement 2025 I TREHX

Style Analysis as of 09-30-2024 Morningstar Style Box™





## Asset Allocation as of 09-30-2024



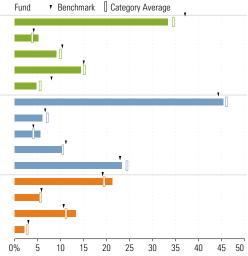
5.97 0.46	2.61 12.83
5.97	2.61
38.02	43.82
17.04	12.99
38.51	27.74
Net %	Cat%
	38.51 17.04

Morningstar Category Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

## Sector Weighting as of 09-30-2024 Fund

		Fund	Bmark	Cat	F
Դ	Cyclical	33.37	36.90	34.52	
æ.	Basic Materials	5.17	3.98	3.83	
	Consumer Cyclical	9.11	10.20	9.99	
ц.	Financial Services	14.40	14.86	15.16	
ŵ	Real Estate	4.69	7.86	5.54	
w	Sensitive	45.39	44.13	46.03	
	Communication Services	6.08	6.48	7.08	
0	Energy	5.61	3.90	4.07	
¢	Industrials	10.39	10.99	10.46	
	Technology	23.31	22.76	24.42	
-	Defensive	21.25	18.98	19.46	
F	Consumer Defensive	5.73	5.67	5.59	
٠	Healthcare	13.35	10.50	11.16	
Ç	Utilities	2.17	2.81	2.71	
					~~~~



#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
➔ T. Rowe Price New Income Z	_	13.09	13.09	_	_
m lacksim T. Rowe Price Ltd Dur Infl Focus Bd Z	-	9.11	22.19	-	-
igeq T. Rowe Price Value Z	-	8.51	30.70	-	_
$\supset$ T. Rowe Price Growth Stock Z	-	7.75	38.45	-	_
igap T. Rowe Price Equity Index 500 Z	-	5.59	44.04	-	-
∋ T. Rowe Price US Large-Cap Core Z	-	5.52	49.55	_	-
$\supset$ T. Rowe Price Hedged Equity Z	-	5.20	54.75	-	_
m lacksim T. Rowe Price Intl Bd (USD Hdgd) Z	-	4.57	59.32	-	_
$\supset$ T. Rowe Price Overseas Stock Z	-	4.34	63.66	-	_
T. Rowe Price International Value Eq Z	_	4.13	67.79	_	_

#### Total Holdings 33

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## T. Rowe Price Retirement 2030 I TRFHX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three vears.

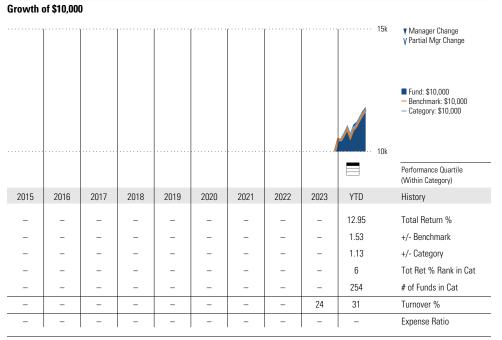
Net Expense: The fund's expense ratio of 0.4 is 31.03% lower than the Target-Date 2030 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022

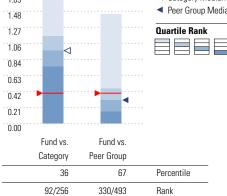


Morningstar Category

Target-Date 2030

#### **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.

Standard Deviation \_ 13 64 12.42 Sharpe Ratio -0.02 0.06 Tracking Error 2.05 Information Ratio 0.64 Up Capture Ratio 94.25 Down Capture Ratio 87.55

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.16	21.22	22.01
Price/Book Ratio	3.03	2.77	3.08
Avg Eff Duration	6.00	-	5.81

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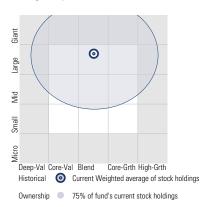


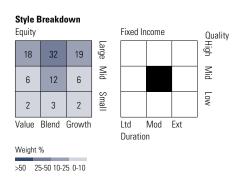
Morningstar Index Morningstar Lifetime Mod 2030 TR

USD

# T. Rowe Price Retirement 2030 I TRFHX

Style Analysis as of 09-30-2024 Morningstar Style Box™





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Ullei		
Other	0.49	15.95
Cash	5.07	1.84
Bonds	28.26	31.97
Non-US Stocks	20.96	15.60
US Stocks	45.23	34.63
Asset Class	Net %	Cat%

Morningstar Category

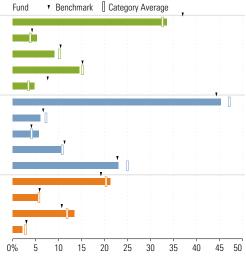
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

## Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	
Դ	Cyclical	33.52	36.82	32.58	
æ.	Basic Materials	5.23	4.07	3.81	
<b>~</b>	Consumer Cyclical	9.12	10.26	10.16	
цф	Financial Services	14.48	15.03	15.18	
ŵ	Real Estate	4.69	7.46	3.43	
w	Sensitive	45.24	44.14	47.10	
g	Communication Services	6.02	6.48	7.24	
•	Energy	5.67	3.92	4.11	
¢	Industrials	10.56	11.12	10.78	
	Technology	22.99	22.62	24.97	
	Defensive	21.23	19.04	20.31	
F	Consumer Defensive	5.70	5.70	5.70	
٠	Healthcare	13.41	10.52	11.83	
<b>9</b>	Utilities	2.12	2.82	2.78	
					,



#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
T. Rowe Price New Income Z	_	10.90	10.90	-	_
∋ T. Rowe Price Value Z	-	10.61	21.51	_	_
i T. Rowe Price Growth Stock Z	-	9.68	31.20	_	_
∋ T. Rowe Price Equity Index 500 Z	-	6.98	38.18	_	-
$\ni$ T. Rowe Price US Large-Cap Core Z	-	6.90	45.08	-	-
T. Rowe Price Overseas Stock Z	-	5.39	50.47	-	-
i T. Rowe Price International Value Eq Z	-	5.08	55.55	_	_
i T. Rowe Price International Stock Z	-	4.64	60.19	-	-
∋ T. Rowe Price Real Assets Z	-	4.59	64.78	_	-
🕑 T. Rowe Price Ltd Dur Infl Focus Bd Z	_	4.29	69.07	_	_

#### Total Holdings 33

 $\oplus$  Increase  $\oplus$  Decrease New to Portfolio

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## T. Rowe Price Retirement 2035 | TRFJX

### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three vears.

Net Expense: The fund's expense ratio of 0.42 is 27.59% lower than the Target-Date 2035 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

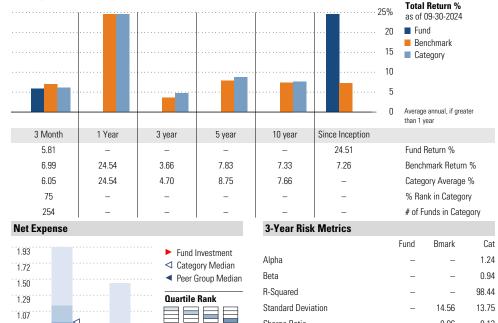
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022

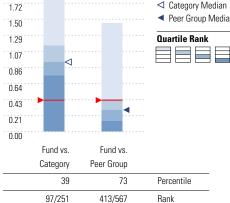
Growth o	of \$10,000	)								
									15k	▼ Manager Change γ Partial Mgr Change
									10k	<ul> <li>Fund: \$10,000</li> <li>Benchmark: \$10,000</li> <li>Category: \$10,000</li> </ul>
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
_	-	-	-	_	_	_	_	-	14.43	Total Return %
-	-	-	-	-	-	-	-	-	1.73	+/- Benchmark
-	-	-	-	-	-	-	-	-	1.10	+/- Category
-	-	-	-	-	-	-	-	-	7	Tot Ret % Rank in Cat
-	-	-	-	-	-	-	-	-	250	# of Funds in Cat
-	-	-	-	-	-	-	-	25	27	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

**Morningstar Category** 

Target-Date 2035

#### **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.

Sharpe Ratio 0.06 0.13 Tracking Error 1.96 Information Ratio 0.59 Up Capture Ratio 97.03 Down Capture Ratio 91.26 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	22.02	21.00	21.82
Price/Book Ratio	2.99	2.74	3.01
Avg Eff Duration	6.76	_	6.45

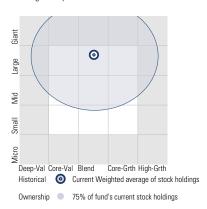
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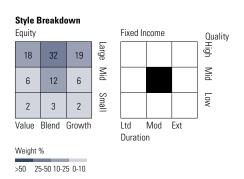


Morningstar Index Morningstar Lifetime Mod 2035 TR USD

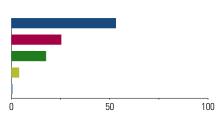
# T. Rowe Price Retirement 2035 I TRFJX

Style Analysis as of 09-30-2024 Morningstar Style Box™





## Asset Allocation as of 09-30-2024



Asset Class	Net %	Cat%
US Stocks	53.03	40.86
Non-US Stocks	25.21	18.56
Bonds	17.47	23.01
Cash	3.78	2.21
Other	0.50	15.37
Total	100.00	100.00

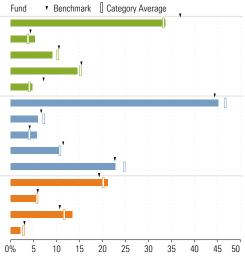
Morningstar Category

Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

## Sector Weighting as of 09-30-2024

		Fund	Bmark	Cat	Fund	<ul> <li>Ber</li> </ul>	nchmark
Դ	Cyclical	33.66	36.71	33.22			
æ.	Basic Materials	5.29	4.15	3.75			
A	Consumer Cyclical	9.11	10.34	10.24			_
ц <u>ф</u>	Financial Services	14.54	15.22	15.16		_	
ŵ	Real Estate	4.72	7.00	4.07		'	
w	Sensitive	45.14	44.21	46.65		_	
	Communication Services	5.97	6.48	7.19			
0	Energy	5.73	3.97	4.07	j j		
¢	Industrials	10.69	11.26	10.70			
	Technology	22.75	22.50	24.69			
<b>→</b>	Defensive	21.20	19.08	20.13		-	
	Consumer Defensive	5.69	5.73	5.71		]	
٠	Healthcare	13.43	10.52	11.64	_		
9	Utilities	2.08	2.83	2.78			
					00/ 5	10	15



#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ T. Rowe Price Value Z	_	12.84	12.84	_	_
$\ominus$ T. Rowe Price Growth Stock Z	-	11.82	24.66	-	-
🕀 T. Rowe Price Equity Index 500 Z	-	8.53	33.19	_	-
∋ T. Rowe Price US Large-Cap Core Z	-	8.47	41.65	_	-
$\oplus$ T. Rowe Price New Income Z	-	7.86	49.51	-	-
$\ominus$ T. Rowe Price Overseas Stock Z	_	6.47	55.97	-	-
ightarrow T. Rowe Price International Value Eq Z	-	6.17	62.14	_	-
$\supset$ T. Rowe Price International Stock Z	-	5.67	67.81	_	-
🕀 T. Rowe Price Real Assets Z	-	5.37	73.18	_	-
🕀 T. Rowe Price US Trs Long-Term Idx Z	_	3.15	76.33	_	_

#### Total Holdings 31

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio



## T. Rowe Price Retirement 2040 | TRHDX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three vears.

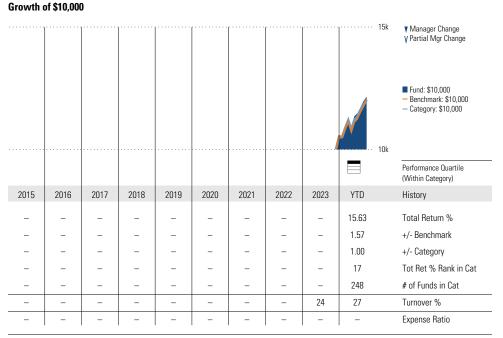
Net Expense: The fund's expense ratio of 0.43 is 28.33% lower than the Target-Date 2040 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022

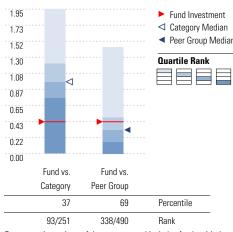


Morningstar Category

Target-Date 2040

#### **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.

Information Ratio 0.40 Up Capture Ratio 97.87 Down Capture Ratio 93.81 **Portfolio Metrics** 

	Fund	Bmark	Cat
Price/Earnings Ratio	22.05	20.79	21.69
Price/Book Ratio	3.00	2.70	3.00
Avg Eff Duration	6.86	-	7.09

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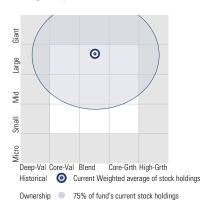


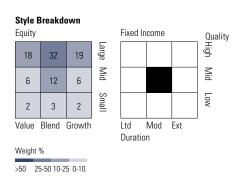
Morningstar Index Morningstar Lifetime Mod 2040 TR

USD

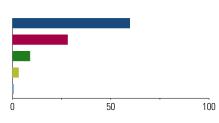
## T. Rowe Price Retirement 2040 I TRHDX

Style Analysis as of 09-30-2024 Morningstar Style Box™





## Asset Allocation as of 09-30-2024



Asset Class	Net %	Cat%
US Stocks	59.64	48.18
Non-US Stocks	27.98	22.60
Bonds	8.83	13.36
Cash	3.03	1.65
Other	0.51	14.21
Total	100.00	100.00

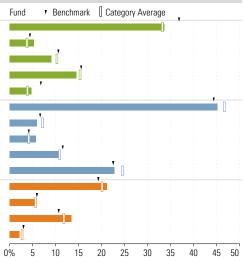
Morningstar Category

Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

## Sector Weighting as of 09-30-2024

		Fund	Bmark	Cat	Fund 🔻 I
Դ	Cyclical	33.65	36.68	33.22	
÷.	Basic Materials	5.29	4.25	3.76	
A	Consumer Cyclical	9.12	10.42	10.28	
ц.	Financial Services	14.52	15.39	15.31	 
ŵ	Real Estate	4.72	6.62	3.87	
w	Sensitive	45.16	44.22	46.67	_
	Communication Services	5.98	6.47	7.16	
0	Energy	5.73	4.00	4.15	
٥	Industrials	10.67	11.39	10.85	
	Technology	22.78	22.36	24.51	
<b>→</b>	Defensive	21.18	19.12	20.10	
F	Consumer Defensive	5.68	5.76	5.62	
٠	Healthcare	13.43	10.52	11.78	_
2	Utilities	2.07	2.84	2.70	<b>—</b> [
					00/ E 1



#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ T. Rowe Price Value Z	_	14.36	14.36	_	_
$\supset$ T. Rowe Price Growth Stock Z	_	13.25	27.61	_	-
Đ T. Rowe Price Equity Index 500 Z	-	9.57	37.18	_	-
∋ T. Rowe Price US Large-Cap Core Z	-	9.49	46.67	_	-
$\ominus$ T. Rowe Price Overseas Stock Z	-	7.14	53.81	-	-
$\ominus$ T. Rowe Price International Value Eq Z	-	6.89	60.70	-	-
$\supset$ T. Rowe Price International Stock Z	-	6.31	67.02	_	-
🕀 T. Rowe Price Real Assets Z	-	6.00	73.02	-	_
🕀 T. Rowe Price New Income Z	-	3.94	76.96	_	-
T. Rowe Price Mid-Cap Growth Z	_	3.41	80.37	-	_

#### Total Holdings 30

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio



## T. Rowe Price Retirement 2045 I TRIKX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three vears.

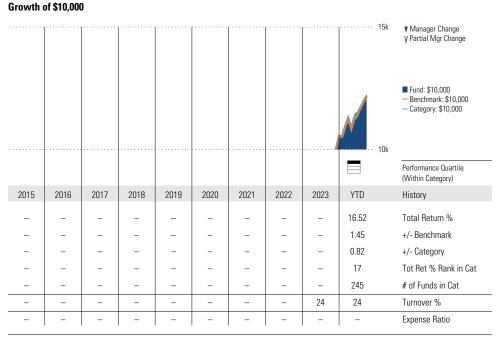
Net Expense: The fund's expense ratio of 0.44 is 26.67% lower than the Target-Date 2045 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2045

#### **Trailing Performance**



Down Capture Ratio

1.29				Quartil	e Rank	
1.08		1				
0.86		7				
0.65						
0.43		•••••				
0.22						
0.00						
	Fund vs	. F	und vs.			
	Categor	y Pee	r Group			
	38	3	73	Percent	ile	
	93/245	5 4	07/558	Rank		

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

**Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 22 05 20.61 21.42 Price/Book Ratio 3.00 2.67 2.90 Avg Eff Duration 6 85 7 94

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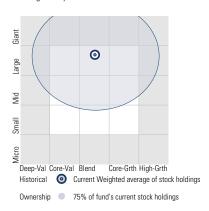
95.74

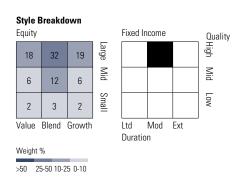
Morningstar Index Morningstar Lifetime Mod 2045 TR

USD

# T. Rowe Price Retirement 2045 I TRIKX

Style Analysis as of 09-30-2024 Morningstar Style Box™





50

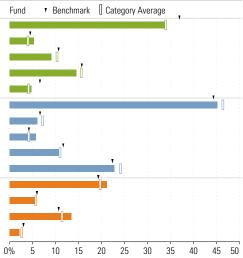
100

Ullei		
Other	0.52	11.44
Cash	2.52	0.78
Bonds	2.59	8.96
Non-US Stocks	30.00	27.17
US Stocks	64.37	51.65
Asset Class	Net %	Cat%

#### Sector Weighting as of 09-30-2024

0

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.64	36.75	33.94	
ŵ.	Basic Materials	5.29	4.32	3.97	
A	Consumer Cyclical	9.11	10.48	10.30	
<b>a</b>	Financial Services	14.51	15.53	15.56	
ħ	Real Estate	4.73	6.42	4.11	
w,	Sensitive	45.17	44.16	46.37	
	Communication Services	5.99	6.45	7.14	
•	Energy	5.73	4.03	4.16	
¢	Industrials	10.66	11.49	10.94	
	Technology	22.79	22.19	24.13	
-	Defensive	21.19	19.11	19.69	
F	Consumer Defensive	5.69	5.77	5.68	
٠	Healthcare	13.42	10.50	11.38	
2	Utilities	2.08	2.84	2.63	
	Ounces	2.00	2.04	2.05	



#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ T. Rowe Price Value Z	_	15.46	15.46	_	_
$\supset$ T. Rowe Price Growth Stock Z	_	14.25	29.71	_	_
Đ T. Rowe Price Equity Index 500 Z	-	10.29	39.99	_	_
∋ T. Rowe Price US Large-Cap Core Z	-	10.15	50.14	_	_
igodolog T. Rowe Price Overseas Stock Z	-	7.60	57.74	-	-
$\ominus$ T. Rowe Price International Value Eq Z	-	7.40	65.14	_	-
$\supset$ T. Rowe Price International Stock Z	-	6.79	71.92	_	_
Đ T. Rowe Price Real Assets Z	-	6.47	78.39	_	_
$\supset$ T. Rowe Price Mid-Cap Growth Z	-	3.66	82.06	-	-
∋ T. Rowe Price Mid-Cap Value Z	_	3.46	85.52	-	_

#### Total Holdings 27

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Index Morningstar Category Target-Date 2045

∽ Mod 2045 TR

Morningstar	Lifetime	Mod	2
USD			

Asset Allocation as of 09-30-2024

## T. Rowe Price Retirement 2050 | TRJLX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three vears.

Net Expense: The fund's expense ratio of 0.45 is 26.23% lower than the Target-Date 2050 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022

rowth	of \$10,000	)								
									15k	▼ Manager Change γ Partial Mgr Change
									$\checkmark$	<ul> <li>Fund: \$10,000</li> <li>Benchmark: \$10,000</li> <li>Category: \$10,000</li> </ul>
									····· 10k	
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
_	_	-	_	-	_	-	_	_	16.69	Total Return %
-	-	-	-	-	-	-	-	-	1.15	+/- Benchmark
-	-	-	-	-	-	-	-	-	0.49	+/- Category
-	-	-	-	-	-	-	-	-	31	Tot Ret % Rank in Cat
-	-	-	-	-	-	-	-	-	246	# of Funds in Cat
-	-	-	-	-	-	-	-	26	25	Turnover %
-	-	-	-	-	-	-	-	-	-	Expense Ratio

**Morningstar Category** 

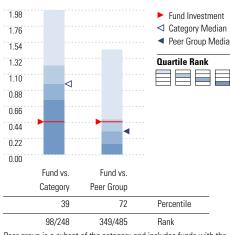
Target-Date 2050

#### **Trailing Performance**



Information Ratio

Up Capture Ratio



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

Down Capture Ratio 96.89 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 22.06 20 44 21.41 Price/Book Ratio 3.00 2.63 2.91 Avg Eff Duration 4 47 7 99

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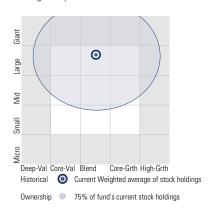
0.21

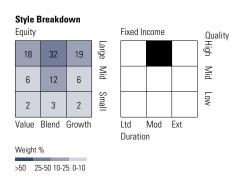
99.18

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

## T. Rowe Price Retirement 2050 I TRJLX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 0 50 100

Asset Class	Net %	Cat%
US Stocks	65.61	54.68
Non-US Stocks	30.54	28.46
Bonds	0.94	5.97
Cash	2.40	0.64
Other	0.53	10.24
Total	100.00	100.00

Morningstar Category

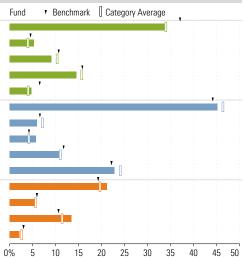
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.65	36.90	33.97	
æ.	Basic Materials	5.30	4.38	3.96	
A	Consumer Cyclical	9.12	10.51	10.32	
цф.	Financial Services	14.50	15.64	15.67	
ŵ	Real Estate	4.73	6.37	4.02	
w	Sensitive	45.16	44.01	46.38	
g	Communication Services	5.98	6.42	7.13	
•	Energy	5.73	4.04	4.18	
٥	Industrials	10.66	11.57	11.02	
	Technology	22.79	21.98	24.05	
	Defensive	21.18	19.09	19.64	
	Consumer Defensive	5.68	5.77	5.64	
٠	Healthcare	13.42	10.47	11.41	
2	Utilities	2.08	2.85	2.59	
					00/



#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ T. Rowe Price Value Z	_	15.75	15.75	-	_
Đ T. Rowe Price Growth Stock Z	-	14.51	30.26	_	-
Đ T. Rowe Price Equity Index 500 Z	-	10.41	40.67	_	-
Đ T. Rowe Price US Large-Cap Core Z	-	10.31	50.98	_	-
	-	7.74	58.72	-	-
🕀 T. Rowe Price International Value Eq Z	-	7.53	66.25	-	_
$oldsymbol{eta}$ T. Rowe Price International Stock Z	-	6.91	73.17	_	-
Đ T. Rowe Price Real Assets Z	-	6.59	79.76	_	-
$oldsymbol{eta}$ T. Rowe Price Mid-Cap Growth Z	-	3.73	83.49	_	-
Đ T. Rowe Price Mid-Cap Value Z	_	3.52	87.01	_	_

#### Total Holdings 27

 $\oplus$  Increase  $\oplus$  Decrease New to Portfolio



## T. Rowe Price Retirement 2055 | TRJMX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three vears.

Net Expense: The fund's expense ratio of 0.46 is 24.59% lower than the Target-Date 2055 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022

										15k ▼ Manager Change γ Partial Mgr Change
										<ul> <li>■ Fund: \$10,000</li> <li>- Benchmark: \$10,000</li> <li>- Category: \$10,000</li> <li>10k</li> </ul>
										Performance Quartile (Within Category)
2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	History
_	-	_	-	-	-	-	-	-	16.87	Total Return %
-	-	-	-	-	-	-	-	-	1.27	+/- Benchmark
-	-	-	-	-	-	-	-	-	0.44	+/- Category
-	-	_	-	-	-	-	-	-	27	Tot Ret % Rank in Cat
-	-	-	-	-	-	-	-	-	244	# of Funds in Cat
-	-	-	-	-	-	-	-	28	26	Turnover %
_	-	_	-	_	-	_	-	-	-	Expense Ratio

**Morningstar Category** 

Target-Date 2055

#### **Trailing Performance**



Information Ratio

Up Capture Ratio

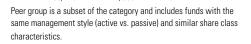
Down Capture Ratio

**Portfolio Metrics** 

Price/Earnings Ratio

Price/Book Ratio

Avg Eff Duration



76

Percentile

Rank

Fund vs

424/558

Peer Group

4 28 9 27

Fund

22.06

3.00

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Fund vs

Category

99/243

41

0.65

0 44

0.22



Bmark

20.29

2.60

0.25

99.89

97.19

Cat

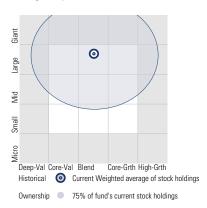
21.35

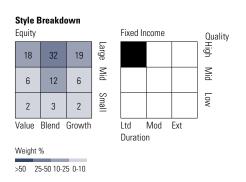
2.88

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

# T. Rowe Price Retirement 2055 I TRJMX

Style Analysis as of 09-30-2024 Morningstar Style Box™





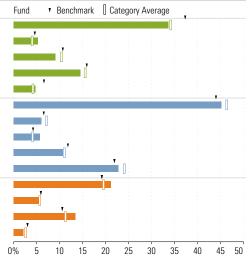
# 0 50 100

1.68 0.53	0.68 11.80
1.68	0.68
0.88	5.49
30.75	27.77
66.15	54.28
Net %	Cat%
	66.15 30.75

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.63	37.14	34.12	
æ.	Basic Materials	5.29	4.44	4.02	
A	Consumer Cyclical	9.11	10.53	10.36	
цů	Financial Services	14.51	15.74	15.55	
ŵ	Real Estate	4.72	6.43	4.19	
w	Sensitive	45.18	43.84	46.34	
d	Communication Services	5.99	6.39	7.12	
0	Energy	5.73	4.06	4.11	
Ф	Industrials	10.66	11.64	11.05	
	Technology	22.80	21.75	24.06	
-	Defensive	21.20	19.02	19.54	
	Consumer Defensive	5.69	5.76	5.67	
٠	Healthcare	13.43	10.41	11.27	
9	Utilities	2.08	2.85	2.60	
-					00/



#### Top 10 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ T. Rowe Price Value Z	_	15.89	15.89	-	_
Đ T. Rowe Price Growth Stock Z	-	14.56	30.45	_	-
Đ T. Rowe Price US Large-Cap Core Z	-	10.35	40.81	_	-
Đ T. Rowe Price Equity Index 500 Z	-	10.27	51.08	_	-
$\oplus$ T. Rowe Price Overseas Stock Z	-	7.80	58.88	-	-
$\oplus$ T. Rowe Price International Value Eq Z	-	7.56	66.45	-	-
🕀 T. Rowe Price International Stock Z	-	6.98	73.42	_	-
Đ T. Rowe Price Real Assets Z	-	6.64	80.06	_	-
$oldsymbol{eta}$ T. Rowe Price Mid-Cap Growth Z	-	3.76	83.82	_	-
🕀 T. Rowe Price Mid-Cap Value Z	_	3.54	87.36	_	-

#### Total Holdings 27

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio



Morningstar Category Target-Date 2055 Morningstar Lifet

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

## T. Rowe Price Retirement 2060 | TRLNX

## Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.17 years.

Style: The fund has landed in its primary style box — Large Blend — 83.33 % of the time over the past three years.

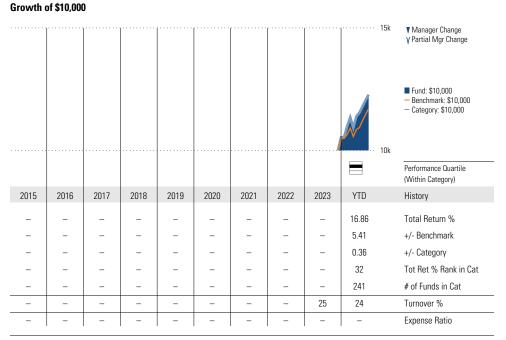
Net Expense: The fund's expense ratio of 0.46 is 24.59% lower than the Target-Date 2060 category average.

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

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

#### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2060

#### **Trailing Performance**



Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.06	19.85	21.33
Price/Book Ratio	3.00	2.47	2.88
Avg Eff Duration	4.25	_	8.54

351/482 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

73

Percentile

Rank

Fund vs

Peer Group

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Fund vs

Category

97/242

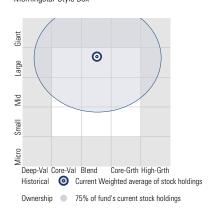
40

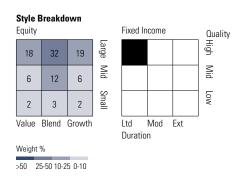


Morningstar Index

## T. Rowe Price Retirement 2060 I TRLNX

Style Analysis as of 09-30-2024 Morningstar Style Box™





## Top 10 Holdings as of 09-30-2024

1		
0	50	100

Fund

33.63

5.29

9.12

14.50

4.72

45.18

5.99

5.73

10.66

22 80

21.19

5.69

13.42

2.08

Bmark

38.88

4.68

10.74

1671

6.75

41.54

5.28

4.30

12.75

19.21

19.59

6.26

9.96

3.37

46.41

4.61

11.07

23.80

19.46

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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Energy

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Utilities

Asset Class	Net %	Cat%
US Stocks	66.16	54.01
Non-US Stocks	30.76	29.75
Bonds	0.89	5.27
Cash	1.67	0.29
Other	0.52	10.67
Total	100.00	100.00

#### Benchmark [] Category Average Cat Fund 34.14 4.40 10.10 15 69 3.95 n. 6.93 5.58 11.51 2.37 0% 10 15 20 25 30 35 40 45 50 5

#### YTD Return % Name Maturity Date % Net Asset Cumulative % Morningstar Sector ⊕ T. Rowe Price Value Z 15.88 15.88 T. Rowe Price Growth Stock Z 14.57 30.45 ⊕ T. Rowe Price US Large-Cap Core Z 10.35 40.80 ⊕ T. Rowe Price Equity Index 500 Z 10.22 51.02 ⊕ T. Rowe Price Overseas Stock Z 7.79 58.81 \_ \_ ⊕ T. Rowe Price International Value Eq Z 7.56 66.37 ⊕ T. Rowe Price International Stock Z 6.99 73.36 T. Rowe Price Real Assets Z 6.64 80.00 ⊕ T. Rowe Price Mid-Cap Growth Z 3.77 83.77 ⊕ T. Rowe Price Mid-Cap Value Z 3.53 87.30 \_

#### Total Holdings 27

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

**Morningstar Category** Morningstar Index

Target-Date 2060

## T. Rowe Price Retirement 2065 I TRMOX

Portfolio Manager(s)

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

Quantitative Screens

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

*Management:* The fund's management has been in place for 3.97 years.

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

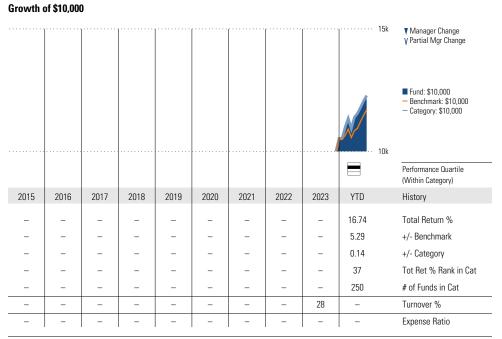
Net Expense: The fund's expense ratio of 0.46 is 22.03% lower than the Target-Date 2065+ category average.

#### **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	08-31-2024
ESG Commitment	1-Low	02-15-2022



**Morningstar Category** 

Target-Date 2065+

#### **Trailing Performance**



Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	22.07	19.85	20.90				
Price/Book Ratio	3.00	2.47	2.76				
Avg Eff Duration	5.17	_	8.96				

145/321 449/576 Rank Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

78

Percentile

Fund vs

Peer Group

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Fund vs

Category

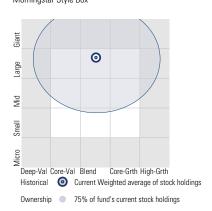
45

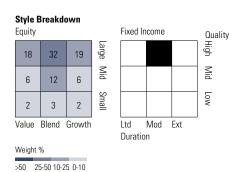


Morningstar Index

## T. Rowe Price Retirement 2065 | TRMOX

#### Style Analysis as of 09-30-2024 Morningstar Style Box™





## Top 10 Holdings as of 09-30-2024

	_	
<u> </u>	· · · · ·	
0	50	10

Bmark

38.88

4.68

10.74

1671

6.75

41.54

5.28

4.30

12.75

19.21

19.59

6.26

9.96

3.37

Fund

33.61

5.29

9.12

14.48

4.72

45.19

6.00

5.72

10.64

22.83

21.18

5.68

13.43

2.07

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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Energy

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Utilities

#### Asset Class Net % Cat% US Stocks 66.16 47.56 Non-US Stocks 30.70 30.61 Bonds 0.87 5.75 Cash 1.75 0.98 0.52 Other 15.09 Total 100.00 100.00

#### Benchmark [] Category Average Cat Fund 34.36 4.44 10.16 15.60 4.16 n 46.06 6.97 4.36 11.50 23.23 19.57 5.73 11.41 2.43 0% 10 15 20 25 30 35 40 45 50 5

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	_	15.82	15.82	_	-
⊕ T. Rowe Price Growth Stock Z	-	14.63	30.44	_	-
⊕ T. Rowe Price Equity Index 500 Z	-	10.72	41.16	_	-
⊕ T. Rowe Price US Large-Cap Core Z	-	10.36	51.52	_	-
⊕ T. Rowe Price Overseas Stock Z	-	7.76	59.28	-	-
⊕ T. Rowe Price International Value Eq Z	_	7.57	66.85	-	-
⊕ T. Rowe Price International Stock Z	-	6.99	73.84	_	-
⊕ T. Rowe Price Real Assets Z	_	6.64	80.48	_	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.76	84.24	_	-
⊕ T. Rowe Price Mid-Cap Value Z	_	3.48	87.72	_	-

#### Total Holdings 23

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



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

## Vanguard 500 Index Admiral VFIAX

#### Portfolio Manager(s)

Michelle Louie since 11-2017 Nick Birkett since 08-2023 Aaron Choi since 08-2023

#### Quantitative Screens

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

Management: The fund's management has been in place for 6.84 years.

Style: The fund has landed in its primary style box — Large Blend — 77.14 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.04 is 94.52% 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	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022











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

919	-	<ul> <li># of Funds in Category</li> </ul>		
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		-0.04	-	-1.07
Beta		1.00	-	0.94
R-Squared		100.00	-	94.38
Standard Deviat	ion	17.52	17.53	16.95
Sharpe Ratio		0.51	0.52	0.42
Tracking Error		0.00	-	3.71
Information Rati	0	-11.38	-	-1.34
Up Capture Ratio	D	99.91	-	92.03
Down Capture R	atio	100.07	-	96.37
Portfolio Me	trics			

	Fund	Bmark	Cat
Price/Earnings Ratio	27.49	27.50	26.80
Price/Book Ratio	4.80	4.80	5.15
Geom Avg Mkt Cap \$B	327.76	328.12	362.94
ROE	33.77	33.77	33.76

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Morningstar Index

Morningstar Category

Large Blend

S&P 500 TR USD

## Vanguard 500 Index Admiral VFIAX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Apple Inc	7.25	7.25	21.40	Technology
Dicrosoft Corp	6.55	13.80	15.03	Technology
• NVIDIA Corp	6.12	19.91	145.27	Technology
€ Amazon.com Inc	3.56	23.48	22.63	Consumer Cyclical
e Meta Platforms Inc Class A	2.56	26.04	62.15	Communication Svc
⊖ Alphabet Inc Class A	1.99	28.03	19.01	Communication Svc
Đ Berkshire Hathaway Inc Class B	1.73	29.75	29.05	Financial Services
ightarrow Alphabet Inc Class C	1.64	31.40	18.92	Communication Svc
🕀 Broadcom Inc	1.64	33.04	55.95	Technology
	1.49	34.52	5.29	Consumer Cyclical
ightarrow Eli Lilly and Co	1.43	35.96	52.65	Healthcare
igodologie JPMorgan Chase & Co	1.23	37.18	25.93	Financial Services
	1.11	38.29	12.21	Healthcare
∋ Exxon Mobil Corp	1.07	39.35	20.09	Energy
🕀 Visa Inc Class A	0.93	40.29	6.21	Financial Services

#### Total Holdings 508

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Asset Allocation as of 09-30-2024

100

50

Fund

27.10

2.00

10.29

12.47

2.34

52.74

8.87

3.31

7.58

32.98

20.16

5.87

11.62

2.67

Bmark

27.13

2.00

10.30

12 49

2.34

52.68

8.87

3.31

7.59

32.91

20.18

5.88

11.63

2.67

51.46

29.81

20.82

Sector Weighting as of 09-30-2024

0

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Asset Class	Net %	Cat%
US Stocks	99.04	95.93
Non-US Stocks	0.59	2.42
Bonds	0.00	0.34
Cash	0.36	0.37
Other	0.00	0.96
Total	100.00	100.00



M RNINGSTAR

**Morningstar Category** 

📕 Large Blend

**Morningstar Index** S&P 500 TR USD

## Vanguard Inflation-Protected Secs Adm VAIPX

#### 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.

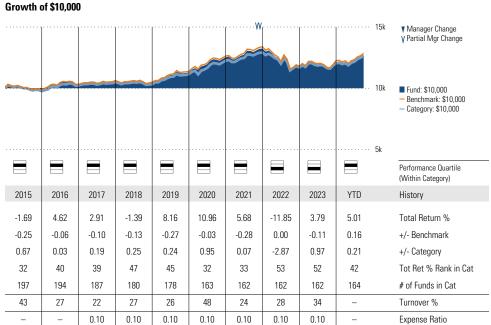
Net Expense: The fund's expense ratio of 0.1 is 85.07% lower than the Inflation-Protected Bond category average.

#### **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**

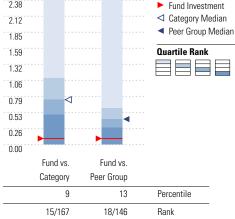
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024



**Morningstar Category** 

Inflation-Protected Bond





••••••1			Return % 09-30-2024	
	5		nd nchmark tegory	
	0			
		Average than 1 y	e annual, if gre vear	ater
e Inception				
3.37		Fund I	Return %	
4.74		Bench	nmark Retur	n %
-		Categ	ory Average	е %
-		% Ra	nk in Catego	ory
-		# of Funds in Category		egory
rics				
	Fu	Ind	Bmark	Cat
	-0	.05	_	-0.25
	0	.99	_	1.00
	99	.74	_	96.43
	7	.13	7.18	7.78
	-0.59		-0.58	-0.60
	0.37		_	1.66
	-0	.13	_	-0.49
	99	.32	_	98.55
	99	.84	_	101.62

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.70	4.52	5.50
Avg Eff Maturity	7.60	-	6.78

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

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Morningstar Index Bloomberg US Treasury US TIPS TR USD

Beta

R-Squared

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation

## Vanguard Inflation-Protected Secs Adm VAIPX

## Style Analysis as of 09-30-2024





0 50 100

Asset Class	Net %	Cat%
US Stocks	0.00	0.28
Non-US Stocks	0.00	-0.08
Bonds	97.08	96.14
Cash	2.92	2.24
Other	0.00	1.43
Total	100.00	100.00

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	97.69	0.00	33.63
AA	0.00	99.60	62.08
A	0.00	0.00	0.83
BBB	0.00	0.00	0.96
BB	0.00	0.00	0.10
В	0.00	0.00	0.02
Below B	0.00	0.00	0.08
Not Rated	2.31	0.40	2.30

Fund	Bmark	Cat	Fund • Benchmark 🛛 Category Average
97.08	-	85.91	
4.27	-	0.38	
92.81	-	80.08	<b></b>
0.00	-	0.10	
0.00	-	5.35	10
0.00	-	1.05	
0.00	-	1.02	
0.00	-	0.00	
0.00	-	0.00	Ū
0.00	-	0.03	
0.00	-	4.67	
0.00	-	2.24	10
0.00	-	0.00	ļ
0.00	-	0.38	
0.00	-	0.05	
0.00	-	0.23	
0.00	-	1.74	
0.00	-	0.03	ĺ
0.00	_	0.01	
2.92	-	8.21	
0.00	-	0.14	
	97.08 4.27 92.81 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	97.08       -         4.27       -         92.81       -         0.00       -	97.08         -         85.91           4.27         -         0.38           92.81         -         80.08           0.00         -         0.10           0.00         -         5.35           0.00         -         1.02           0.00         -         1.02           0.00         -         0.00           0.00         -         0.00           0.00         -         0.00           0.00         -         0.03           0.00         -         2.24           0.00         -         2.24           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.23           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03           0.00         -         0.03

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9{\color{red}{500}}$ 

#### Top 10 Holdings as of 09-30-2024 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ⊕ United States Treasury Notes 5.77 5.77 \_ ⊖ United States Treasury Notes 3.75 9.52 \_ ⊕ United States Treasury Notes 3.52 13.04 \_ ⊖ United States Treasury Notes 3.47 16.50 \_ ⊖ United States Treasury Notes 19.95 3.45 \_ ⊕ United States Treasury Notes 3.26 23.22 \_ \_ ⊖ United States Treasury Notes 3.21 26.43 \_ ⊕ United States Treasury Notes 29.60 3.17 \_ ⊖ United States Treasury Notes 3.17 32.77 \_ ⊖ United States Treasury Notes 3.09 35.86 \_

#### Total Holdings 60

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Morningstar Category Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

## Vanguard International Value Inv VTRIX

Growth of \$10,000

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

*Q 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 14.35 years.

× Style: The fund has landed in its primary style box — Large Value — 0 % of the time over the past three years.

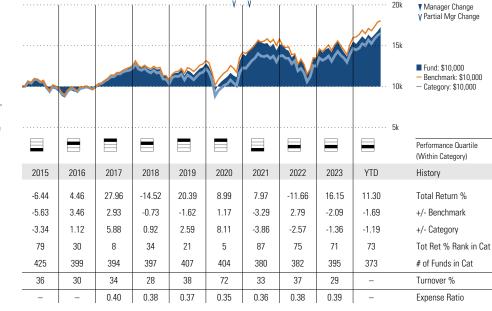
Net Expense: The fund's expense ratio of 0.39 is 59.38% lower than the Foreign Large Value category average.

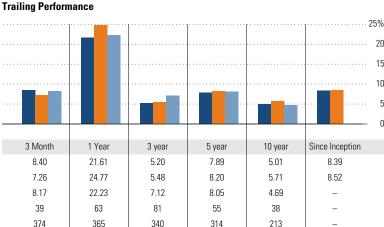
#### **Morningstar Investment Management LLC Analysis**

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

#### ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022

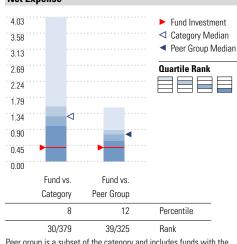




Alpha

Beta

Net Expense



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

than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat -0.04 1.91 0.97 0.96 R-Squared 91.13 87.80 Standard Deviation 17 26 16.95 17 31 Sharpe Ratio 0.16 0 17 0.27 Tracking Error 5.16 6.14 Information Ratio -0.06 0.28 Up Capture Ratio 95.95 97.85 Down Capture Ratio 96.37 90.40 **Portfolio Metrics** 

**Total Return %** 

as of 09-30-2024

Benchmark

Average annual, if greater

Category

Fund

20

15

10

5

Λ

	Fund	Bmark	Cat
Price/Earnings Ratio	15.23	15.74	11.98
Price/Book Ratio	1.74	1.84	1.28
Geom Avg Mkt Cap \$B	34.15	56.42	40.98
ROE	16.70	17.13	12.91

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**Morningstar Category** 

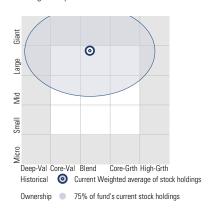
Foreign Large Value

Morningstar Index MSCI EAFE NR USD

201

## Vanguard International Value Inv VTRIX

Style Analysis as of 09-30-2024 Morningstar Style Box™







Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2024

•		
0	50	100

#### Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

		Fund	Bmark	Cat
Դ	Cyclical	43.10	39.38	42.29
æ.	Basic Materials	8.25	6.91	7.92
	Consumer Cyclical	16.40	10.01	9.73
ц.	Financial Services	16.95	20.12	23.40
ŵ	Real Estate	1.50	2.34	1.24
w	Sensitive	39.31	35.26	35.71
	Communication Services	4.82	4.82	5.16
0	Energy	4.51	3.65	8.16
¢	Industrials	20.13	17.08	14.61
	Technology	9.85	9.71	7.78
	Defensive	17.61	25.36	21.99
F	Consumer Defensive	6.47	8.56	8.63
٠	Healthcare	10.58	13.56	9.57
9	Utilities	0.56	3.24	3.79

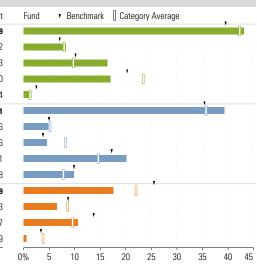
#### Asset Class Net % Cat% US Stocks 3.27 2.90 Non-US Stocks 92.03 95.38 Bonds 0.00 0.11 Cash 4.08 2.84 Other 0.61 -1.21 Total 100.00 100.00

Morningstar Index

MSCI EAFE NR USD

**Morningstar Category** 

Foreign Large Value



-		Greater Asia	Fund % 39.95	Cat % 29.86	Americas	Fund % 10.95	Cat % 8.38	Greater Europe	Fund % 49.11	Cat % 61.75	Market Maturity	Fund %
		Japan	13.01	16.99	North America	6.54	7.35	United Kingdom	14.98	18.36	Developed Markets	80.11
		Australasia	0.79	3.12	Central/Latin	4.41	1.03	W euro-ex UK	33.81	42.51	Emerging Markets	19.89
		Asia-4 Tigers	10.98	6.90				Emrgng Europe	0.00	0.17	Not Available	0.00
		Asia-ex 4 Tigers	15.17	2.85				Africa	0.32	0.71		
		Not Classified	0.00	0.00								
	>75											

Top 10 Holdings as of 09-30-2024

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Tencent Holdings Ltd	3.09	3.09	_	Communication Svc
∋ Mktliq 12/31/2049	2.83	5.91	-	-
i  Taiwan Semiconductor Manufacturing Co Ltd	1.84	7.76	_	Technology
igodolog Roche Holding AG	1.65	9.40	-	Healthcare
$ m egin{array}{c} egin{arr$	1.28	10.69	-13.86	Industrials
🕀 AIA Group Ltd	1.26	11.94	-	Financial Services
HSBC Holdings PLC	1.21	13.16	14.23	Financial Services
€ Slcmt1142	1.15	14.30	-	-
€ Kering SA	1.13	15.43	-32.12	Consumer Cyclical
ightarrow Unilever PLC	1.12	16.56	30.24	Consumer Defensive

#### Total Holdings 259

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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## Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

#### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### Quantitative Screens

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

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

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

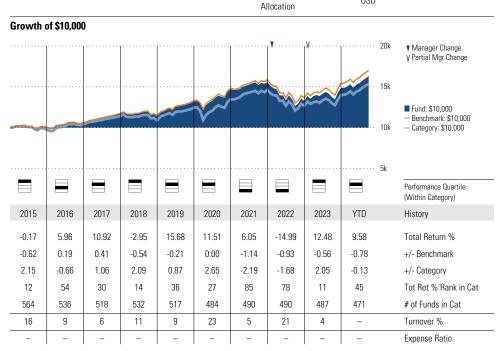
Net Expense: The fund's expense ratio of 0.12 is 87.23% lower than the Moderately Conservative Allocation category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

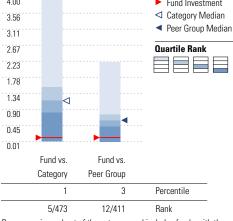
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	07-19-2023



Morningstar Category Moderately Conservative



Avg Eff Duration



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

Cat -0.55 Beta 1.03 0.97 **R**-Squared 99 42 94 18 \_ Standard Deviation 10.34 10.02 10.02 Sharpe Ratio -0.09 0.00 -0.07 Tracking Error 0.84 2 38 Information Ratio -115 -0.48 Up Capture Ratio 99.45 96.45 Down Capture Ratio 106.53 100.77 **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 20.41 22.28 22.64 Price/Book Ratio 2.67 3.12 3.23

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5.94

4.93

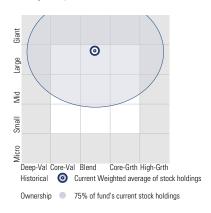
6.37

Morningstar Index

Morningstar US Mod Con Tgt Alloc NR USD

# Vanguard LifeStrategy Cnsrv Gr Inv VSCGX

#### Style Analysis as of 09-30-2024 Morningstar Style Box™



Large

Mid

Smal

Ltd

Duration

Mod Ext

5

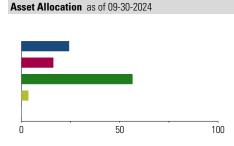
Fixed Income

Quality

High

Mid

Low



## Sector Weighting as of 09-30-2024

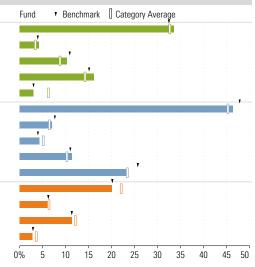
000	bion morghning as on ou	00 2024		
		Fund	Bmark	Cat
Դ	Cyclical	33.56	32.31	32.63
<i>.</i>	Basic Materials	4.22	3.78	3.42
A	Consumer Cyclical	10.23	10.73	8.77
цф	Financial Services	16.14	14.94	14.21
ŵ	Real Estate	2.97	2.86	6.23
~~	Sensitive	46.33	47.69	45.28
d	Communication Services	7.01	7.49	6.48
0	Energy	4.29	3.81	5.12
¢	Industrials	11.33	10.85	10.27
	Technology	23.70	25.54	23.41
	Defensive	20.11	19.99	22.08
F	Consumer Defensive	6.06	6.07	6.37
٠	Healthcare	11.33	11.18	12.09
Ç	Utilities	2.72	2.74	3.62

Total		100.00	100.00
Other		0.06	5.00
Cash		3.36	4.30
Bonds		56.40	55.02
Non-US Stocks		16.07	7.47
US Stocks		24.11	28.20
Asset Class		Net %	Cat%
Allocation	USD		

**Morningstar Index** 

Morningstar US Mod Con Tgt Alloc NR

Morningstar Category Moderately Conservative



## Value Blend Growth

Style Breakdown

Equity

21 32 21

6 8

2 3 2

Weight %

>50 25-50 10-25 0-10

## Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
${old \oplus}$ Vanguard Total Bond Market II ldx Inv	_	40.91	40.91	_	_
$\ominus$ Vanguard Total Stock Mkt Idx Inv	-	24.16	65.08	_	-
$\ominus$ Vanguard Total Intl Bd II Idx Investor	-	17.78	82.86	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	16.47	99.33	_	-
⊕ Mktliq 12/31/2049	-	0.70	100.03	-	_
🕀 Us Dollar	-	0.03	100.06	-	-

Total Holdings 6

 $\oplus$  Increase  $\oplus$  Decrease otin New to Portfolio



## Vanguard LifeStrategy Growth Inv VASGX

#### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### Quantitative Screens

*Performance:* The fund has finished in the Moderately Aggressive Allocation category's top three quartiles in 10 of the 10 years it's been in existence.

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

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

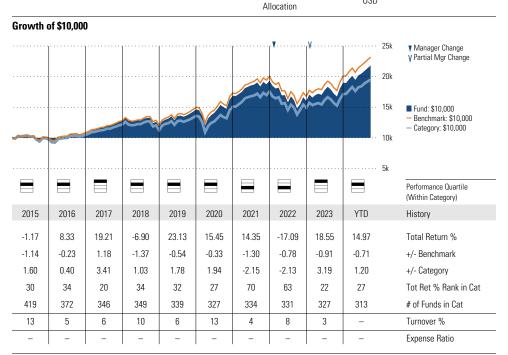
Net Expense: The fund's expense ratio of 0.14 is 85.71% lower than the Moderately Aggressive Allocation category average.

#### Morningstar Investment Management LLC Analysis

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

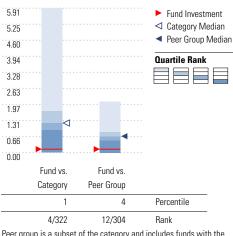
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022



Morningstar Category Moderately Aggressive





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 Alnha -1.12 -1 15 Beta 1.03 0.98 **R**-Squared 99.31 94 31 \_ Standard Deviation 14.58 14.14 14.38 Sharpe Ratio 0.20 0.28 0.18 Tracking Error 1 27 3.05 Information Ratio -0.80 -0.66 Up Capture Ratio 100.34 96.66 Down Capture Ratio 105.80 102.79 **Portfolio Metrics** Fund Bmark Cat

	1 dild	Billand	out
Price/Earnings R	atio 20.44	22.30	22.44
Price/Book Ratio	2.68	3.13	3.20
Avg Eff Duration	6.39	5.94	4.59

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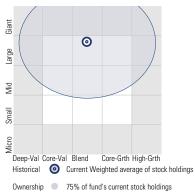


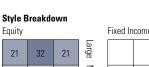
Morningstar Index

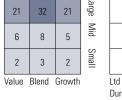
Morningstar US Mod Agg Tgt Alloc NR USD

# Vanguard LifeStrategy Growth Inv VASGX

#### Style Analysis as of 09-30-2024 Morningstar Style Box™







Fixed Income Quality Large Mid Small Ltd Mod Ext Duration

Weight %

>50 25-50 10-25 0-10

## Top 6 Holdings as of 09-30-2024

0	-		50

## Sector Weighting as of 09-30-2024

Asset Allocation as of 09-30-2024

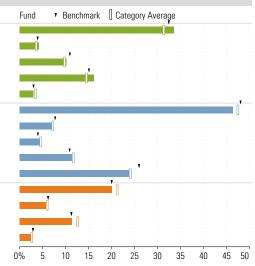
		Fund	Bmark	Cat
Դ	Cyclical	33.52	32.27	31.33
æ.	Basic Materials	4.20	3.75	3.62
4	Consumer Cyclical	10.22	10.76	9.76
<b>B</b>	Financial Services	16.12	14.91	14.53
ŵ	Real Estate	2.98	2.85	3.42
Va.	Sensitive	46.37	47.88	47.46
d	Communication Services	7.02	7.55	7.17
0	Energy	4.28	3.81	4.56
٥	Industrials	11.32	10.71	11.67
	Technology	23.75	25.81	24.06
-	Defensive	20.11	19.85	21.20
F	Consumer Defensive	6.06	6.03	5.98
٠	Healthcare	11.32	11.09	12.61
<b>9</b>	Utilities	2.73	2.73	2.61

#### USD Allocation Asset Class Net % Cat% US Stocks 47.88 58.44 Non-US Stocks 31.53 18.07 Bonds 18.24 15.20 Cash 2.30 2.10 Other 0.05 6.20 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Mod Agg Tgt Alloc NR

Morningstar Category Moderately Aggressive



Total Holdings 6					
⊖ Us Dollar	-	0.00	100.01	_	-
	-	0.73	100.00	-	-
${f \oplus}$ Vanguard Total Intl Bd II ldx Investor	-	5.76	99.28	-	-
${f \oplus}$ Vanguard Total Bond Market II ldx Inv	-	13.22	93.52	-	-
$ m egin{array}{c} egin{arr$	-	32.30	80.30	-	-
$\ni$ Vanguard Total Stock Mkt ldx Inv	-	48.00	48.00	-	-
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
10p 0 11010111g3 83 01 03 30 2024					

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## Vanguard LifeStrategy Income Inv VASIX

#### Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### Quantitative Screens

*Performance:* The fund has finished in the Conservative Allocation category's top three quartiles in 7 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: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

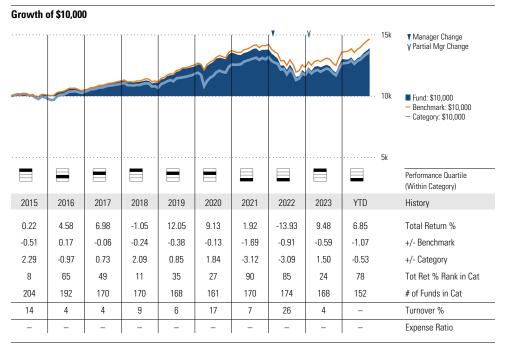
Net Expense: The fund's expense ratio of 0.11 is 89.42% lower than the Conservative Allocation category average.

#### Morningstar Investment Management LLC Analysis

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

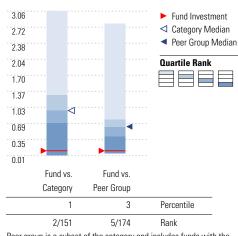
#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	08-31-2024
ESG Commitment	1-Low	07-19-2023









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 -1.13 -0.30 0.97 Beta 1 02 \_ 99.04 **R-Squared** 93.76 Standard Deviation 8 4 5 8 23 8 28 Sharpe Ratio -0.35 -0 22 -0.27 Tracking Error 0.85 2.20 Information Ratio -1.31 -0.29 Up Capture Ratio 95.71 97.58 Down Capture Ratio 105.25 100.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.38	22.97	23.53
Price/Book Ratio	2.67	3.31	3.36
Avg Eff Duration	6.37	5.94	4.80

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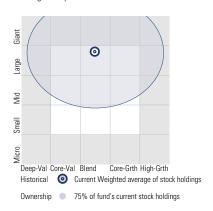
Morningstar Category Morningstar Index

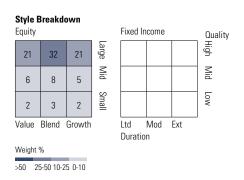
Conservative Allocation

Morningstar US Con Tgt Alloc NR USD

## Vanguard LifeStrategy Income Inv VASIX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 50 100 0

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

~

Asset Class	Net %	Cat%
US Stocks	11.78	14.94
Non-US Stocks	7.93	3.76
Bonds	76.33	67.82
Cash	3.90	7.64
Other	0.06	5.83
Total	100.00	100.00

Morningstar Index

Morningstar US Con Tgt Alloc NR USD

**Morningstar Category** 

Conservative Allocation

#### Դ Cyclical 33.61 31.60 ŵ. Basic Materials 4.22 3.49 A Consumer Cyclical 10.22 10.77 ц. Financial Services 16.17 14 52 ŵ Real Estate 3.00 2.82 Sensitive 46.28 48 59

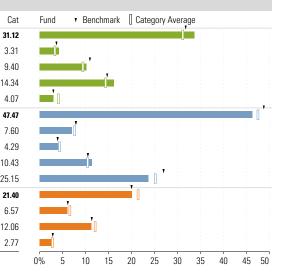
Bmark

14.34

47.47

Fund

#### đ **Communication Services** 7.02 7.72 7.60 Energy 4.27 3.75 4.29 ¢ Industrials 11.34 10.33 10.43 Technology 23 65 26.79 25.15 20.09 19.82 Defensive 21.40 **Consumer Defensive** 6.05 5.96 6.57 Healthcare 11.29 11.17 12.06 Utilities 2.75 2.69 2.77



#### Top 6 Holdings as of 09-30-2024

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
<ul> <li>Vanguard Total Bond Market II Idx Inv</li> </ul>	_	55.49	55.49	-	_
$\oplus$ Vanguard Total Intl Bd II ldx Investor	-	23.95	79.44	-	-
$\ominus$ Vanguard Total Stock Mkt Idx Inv	-	11.81	91.25	-	-
igodot Vanguard Total Intl Stock Index Inv	-	8.12	99.37	-	-
O Mktliq 12/31/2049	-	0.66	100.03	-	_
⊕ Us Dollar	_	0.03	100.06	_	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Portfolio Manager(s)

Walter Nejman since 02-2022 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

#### Quantitative Screens

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

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

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

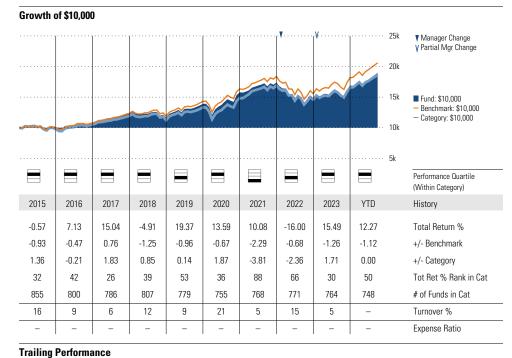
Net Expense: The fund's expense ratio of 0.13 is 87.38% lower than the Moderate Allocation category average.

#### Morningstar Investment Management LLC Analysis

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

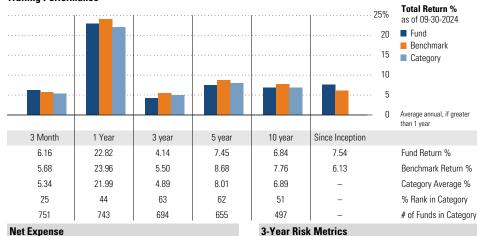
#### **ESG Metrics**

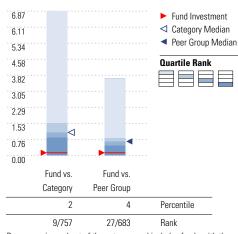
Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
ESG Commitment	1-Low	07-19-2023
Carbon Risk Score	Low Risk	12-31-2022



Morningstar Category

Moderate Allocation





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 -1.33 -0.52 Reta 1 01 0.98 98.92 **R-Squared** 94.15 Standard Deviation 12 43 12 26 12.36 Sharpe Ratio 0.08 0 19 0.13 Tracking Error 1.29 2.79 Information Ratio -1.05 -0.37 Up Capture Ratio 97.02 97.43 Down Capture Ratio 104.35 100.97

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	20.42	23.30	23.35
Price/Book Ratio	2.68	3.40	3.53
Avg Eff Duration	6.39	5.94	5.14

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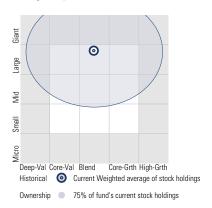


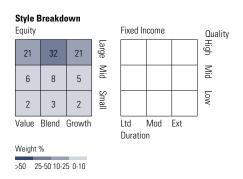
Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

# Vanguard LifeStrategy Mod Gr Inv Shrs VSMGX

Style Analysis as of 09-30-2024 Morningstar Style Box™





# 50 0

Bmark

31.32

3.39

10.77

14 34

2.82

48.81

7.78

3.70

10.20

27.13

19.87

5.93

11.25

2.69

2.61

47.98

25.57

21.80

Fund

33.55

4.23

10.22

16 13

2.97

46.35

7.02

4.29

11.32

23.72

20.09

6.06

11.31

2.72

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Other	0.06	3.46
Cash	2.82	3.45
Bonds	37.13	34.48
Non-US Stocks	23.96	9.80
US Stocks	36.04	48.81
Asset Class	Net %	Cat%

#### Benchmark [] Category Average Cat Fund 30.20 3.40 9.74 14 45 7.70 4.49 10.22 5.59 13.24 2.97 0% 10 15 20 25 30 35 40 45 50 5

#### Top 6 Holdings as of 09-30-2024

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
-	36.12	36.12	_	_
-	26.90	63.02	-	-
-	24.54	87.57	-	-
-	11.74	99.30	-	-
-	0.68	99.99	-	-
_	0.01	100.00	_	-
		- 36.12 - 26.90 - 24.54 - 11.74 - 0.68	- 36.12 36.12 - 26.90 63.02 - 24.54 87.57 - 11.74 99.30 - 0.68 99.99	- 36.12 36.12 - - 26.90 63.02 - - 24.54 87.57 - - 11.74 99.30 - - 0.68 99.99 -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



**Morningstar Category** Morningstar Index Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

## Vanguard Small Cap Value Index Admiral VSIAX

#### Portfolio Manager(s)

Gerard O'Reilly since 04-2016 Nick Birkett since 02-2023

#### 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 8.43 years.

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

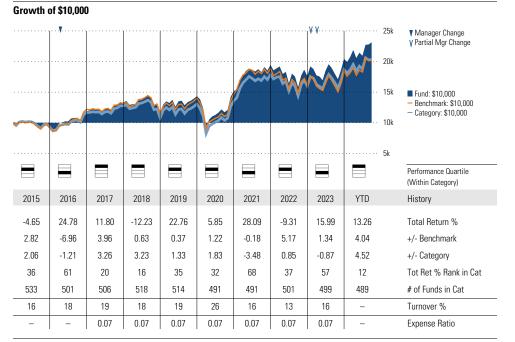
Net Expense: The fund's expense ratio of 0.07 is 93.69% lower than the Small Value category average.

#### 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	08-31-2024
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Small Value

Morningstar Index

Russell 2000 Value TR USD





3.61 Fund Investment Category Median 3.21 Peer Group Median 2.81 2.41 Quartile Rank 2.01 1.60 1.20 0.80 0.40 Fund vs Fund vs Peer Group Category 2 22 Percentile 9/497 11/51 Rank

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

**3-Year Risk Metrics** Fund Bmark Cat Alpha 4.45 2.65 0.90 0.91 Beta R-Squared 96.34 93.65 Standard Deviation 21 00 22 84 21 56 Sharpe Ratio 0.30 0 1 1 0.21 Tracking Error 4.59 5.63 Information Ratio 0.97 0.45 Up Capture Ratio 99.34 95.86 Down Capture Ratio 86.24 88.20 **Portfolio Metrics** 

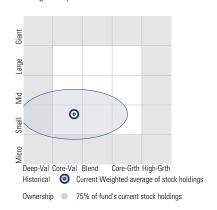
Fund         Bmark         Cat           Price/Earnings Ratio         16.10         13.90         14.46           Price/Book Ratio         1.90         1.31         1.66           Geom Avg Mkt Cap \$B         6.78         2.14         4.78           ROE         13.87         4.84         12.10				
Price/Book Ratio         1.90         1.31         1.66           Geom Avg Mkt Cap \$B         6.78         2.14         4.78		Fund	Bmark	Cat
Geom Avg Mkt Cap \$B 6.78 2.14 4.78	Price/Earnings Ratio	16.10	13.90	14.46
0	Price/Book Ratio	1.90	1.31	1.66
ROE 13.87 4.84 12.10	Geom Avg Mkt Cap \$B	6.78	2.14	4.78
	ROE	13.87	4.84	12.10

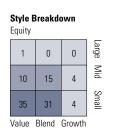
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## Vanguard Small Cap Value Index Admiral VSIAX

Style Analysis as of 09-30-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Slcmt1142	0.90	0.90	_	_
$\ni$ Smurfit WestRock PLC	0.74	1.64	24.94	Consumer Cyclical
ightarrowBuilders FirstSource Inc	0.65	2.29	16.13	Industrials
igodolog Booz Allen Hamilton Holding Corp Class A	0.61	2.90	28.44	Industrials
igoperatorna Carlisle Companies Inc	0.60	3.50	44.82	Industrials
⊖ EMCOR Group Inc	0.58	4.08	100.16	Industrials
€ Atmos Energy Corp	0.58	4.66	21.76	Utilities
igodolog First Citizens BancShares Inc Class A	0.57	5.23	30.09	Financial Services
⇒ NRG Energy Inc	0.54	5.77	78.57	Utilities
⇒ IDEX Corp	0.47	6.24	-0.27	Industrials
⊖ Pentair PLC	0.47	6.71	35.44	Industrials
	0.46	7.17	62.97	Healthcare
ightarrow Tenet Healthcare Corp	0.46	7.63	119.93	Healthcare
ightarrow Reliance Inc	0.46	8.09	4.59	Basic Materials
ightarrow Toll Brothers Inc	0.46	8.55	50.95	Consumer Cyclical

#### Total Holdings 838

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



50

Fund

49.99

6.27

14.50

19.06

10.16

34.10

2.78

3.66

19.82

7 84

15.92

4.43

6.59

4.90

Bmark

54.94

5.05

10.51

25 41

13.97

27.42

2.63

6.80

10.48

7.51

17.63

3.07

9.33

5.23

Asset Class	Net %	Cat%
US Stocks	97.30	94.33
Non-US Stocks	1.73	4.01
Bonds	0.00	0.17
Cash	0.96	1.22
Other	0.00	0.28
Total	100.00	100.00

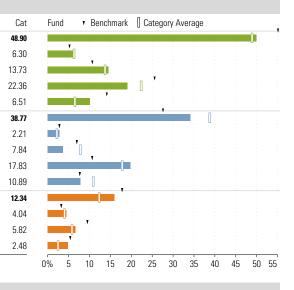
**Morningstar Index** 

Russell 2000 Value TR USD

**Morningstar Category** 

Small Value

100





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Technology Defensive F **Consumer Defensive** 

> Utilities

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Energy

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Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Healthcare

## Vanguard Windsor™ II Admiral™ VWNAX

#### Portfolio Manager(s)

George Davis since 12-2003 Andrew Lacey since 01-2007 John Mahedy since 01-2010 Lewis Sanders since 01-2010 Scott McBride since 01-2019 Howard Gleicher since 12-2019 Gregory Padilla since 12-2019 Henry Seiden since 02-2022

#### Quantitative Screens

*Performance:* The fund has finished in the Large Value 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 20.82 years.

× Style: The fund has landed in its primary style box — Large Value — 0 % of the time over the past three years.

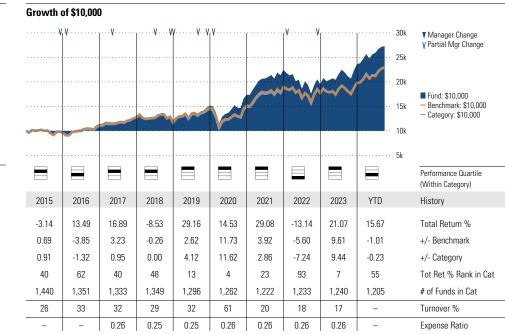
Net Expense: The fund's expense ratio of 0.26 is 70.79% lower than the Large Value category average.

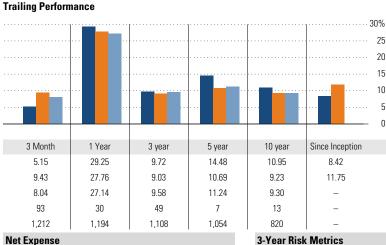
#### **Morningstar Investment Management LLC Analysis**

This fund fails our style consistency screen as the fund has drifted into the large-blend portion of the Morningstar Style Box. The drift towards blend is not unexpected as the fund's subadvisor lineup has shifted in recent years to managers that run more core-oriented strategies and lower exposure to deep-value oriented managers. We are not concerned with this screen failure but will continue to monitor the fund's strategy and category assignment.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2024
Carbon Risk Score	Low Risk	12-31-2022





Alpha

Reta

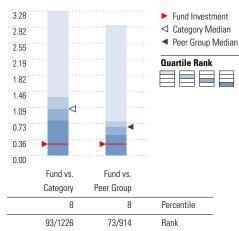
R-Squared

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio



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 Benchmark 20 Category 15 10 5 0 Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund **Bmark** Cat 0.86 0.87 0.95 0.98 94.86 93.93 Standard Deviation 16 76 16 65 16 42 0 41 0.37 0.41 3.81 4.14 0.18 0.14 96.60 96.16 Down Capture Ratio 92.35 92.64

**Total Return %** 

as of 09-30-2024

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 20.06 20.63 19.28 Price/Book Ratio 2.77 2.67 2.57 Geom Avg Mkt Cap \$B 158 41 82 91 136 41 ROE 22.92 17.78 22.00

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Morningstar Index

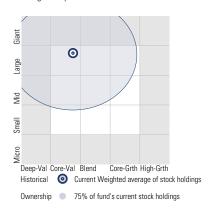
Morningstar Category

Large Value

Russell 1000 Value TR USD

## Vanguard Windsor™ II Admiral™ VWNAX

Style Analysis as of 09-30-2024 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

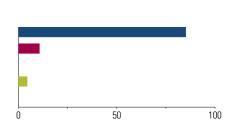
Value Blend Growth

#### Top 15 Holdings as of 09-30-2024

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	5.23	5.23	15.03	Technology
∋ Mktliq 12/31/2049	4.17	9.41	_	-
€ Apple Inc	3.22	12.63	21.40	Technology
$\ni$ Amazon.com Inc	3.16	15.79	22.63	Consumer Cyclical
⇒ Alphabet Inc Class A	1.95	17.75	19.01	Communication Svc
ightarrow UnitedHealth Group Inc	1.79	19.54	12.21	Healthcare
Meta Platforms Inc Class A	1.63	21.17	62.15	Communication Svc
igodolog Bank of America Corp	1.63	22.80	20.05	Financial Services
Taiwan Semiconductor Manufacturing Co Ltd ADR	1.62	24.42	68.64	Technology
ightarrow  HCA Healthcare Inc	1.52	25.95	50.88	Healthcare
igodolog Procter & Gamble Co	1.31	27.25	20.21	Consumer Defensive
igodolog Medtronic PLC	1.29	28.54	11.82	Healthcare
ightarrow Elevance Health Inc	1.26	29.81	11.31	Healthcare
ightarrow Intercontinental Exchange Inc	1.20	31.01	26.13	Financial Services
Alphabet Inc Class C	1.16	32.17	18.92	Communication Svc

#### Total Holdings 190

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



Bmark

36.02

3.96

6.72

20.36

4.98

35.42

4.27

6.74

13.94

10.47

28.55

7.88

15.61

5.06

Fund

30.76

2.51

9.36

17.52

1.37

45.36

6.64

5.87

10.05

22.80

23.89

5.82

15.81

2.26

Cat

37.50

5.53

7.74

11.37

12.86

29.16

Asset Allocation as of 09-30-2024

Sector Weighting as of 09-30-2024

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

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Energy

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Utilities

Asset Class	Net %	Cat%
US Stocks	85.05	91.81
Non-US Stocks	10.60	5.74
Bonds	0.00	0.21
Cash	4.35	1.11
Other	0.00	1.14
Total	100.00	100.00

**Morningstar Index** 

Russell 1000 Value TR USD

**Morningstar Category** 

🔛 Large Value

#### Benchmark [] Category Average Fund 33.33 3.39 7.00 19.46 3.48 Π 8.68 15.08 5.40 5 10 15 20 25 30 35 40 45 50 0%

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