

# Allspring Special Mid Cap Value R6 WFPRX

**Morningstar Category**  
Mid-Cap Value

**Morningstar Index**  
Russell Mid Cap Value TR USD

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

**Management:** The fund's management has been in place for 12.95 years.

**Style:** The fund has landed in its primary style box — Mid-Cap Value — 88.24 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.71 is 28.28% lower than the Mid-Cap Value category average.

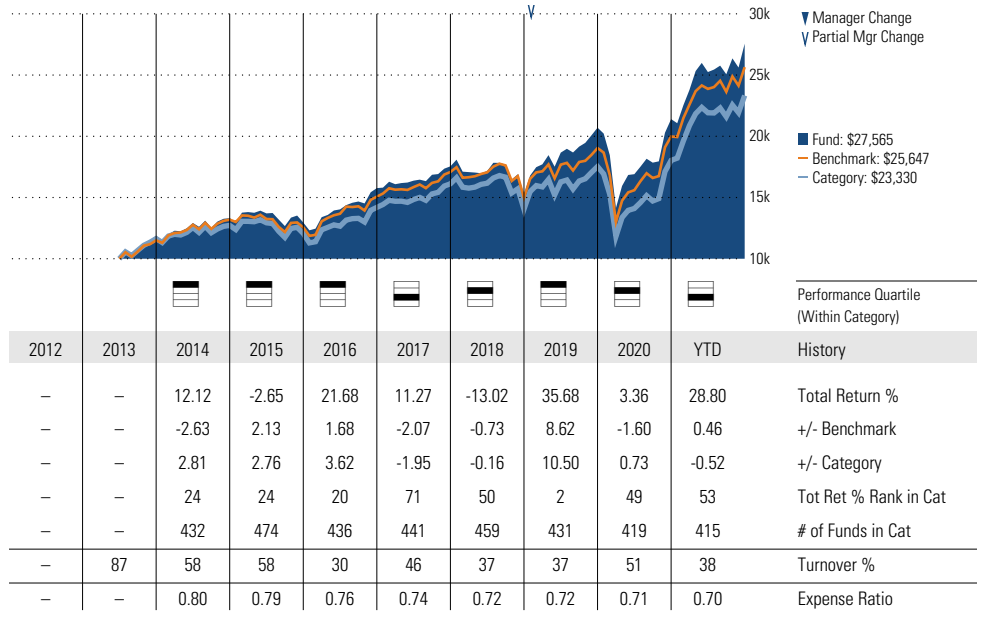
## Morningstar Investment Management LLC Analysis

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.

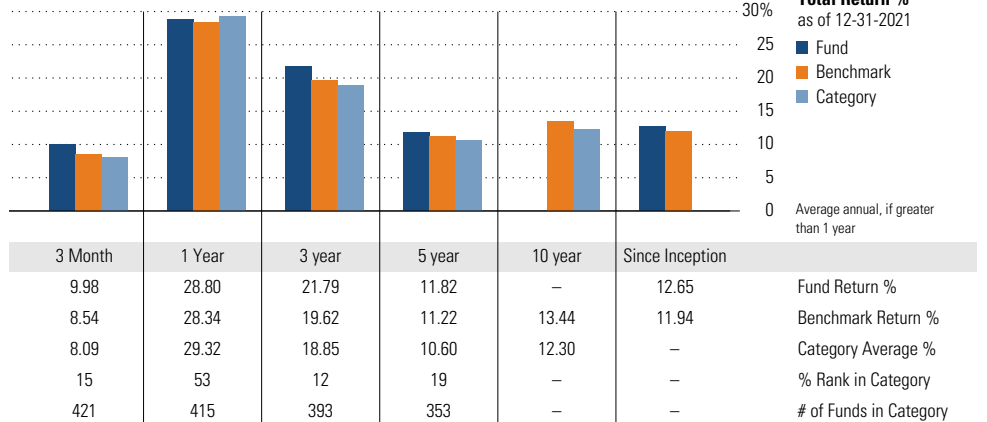
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

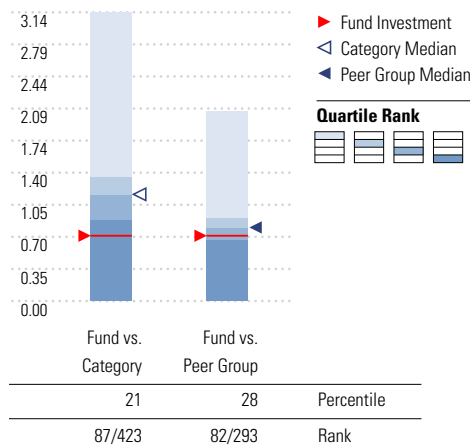
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.26	-	-1.18
Beta	0.98	-	1.03
R-Squared	97.87	-	96.42
Standard Deviation	21.99	22.27	23.42
Sharpe Ratio	0.98	0.89	0.83
Tracking Error	3.25	-	4.94
Information Ratio	0.67	-	-0.21
Up Capture Ratio	103.11	-	101.57
Down Capture Ratio	96.77	-	106.78

## Portfolio Metrics

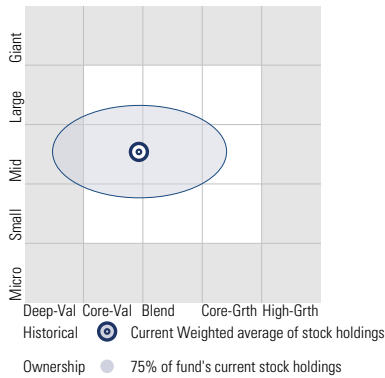
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.94	17.74	16.76
Price/Book Ratio	2.69	2.45	2.10
Geom Avg Mkt Cap \$B	18.28	18.96	13.99
ROE	16.87	15.83	17.02

# Allspring Special Mid Cap Value R6 WFPRX

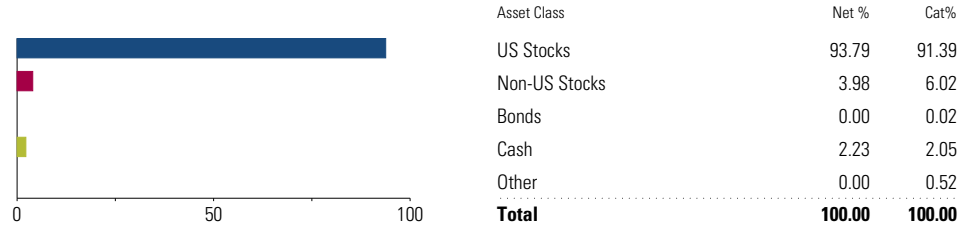
**Morningstar Category**  
Mid-Cap Value

**Morningstar Index**  
Russell Mid Cap Value TR USD

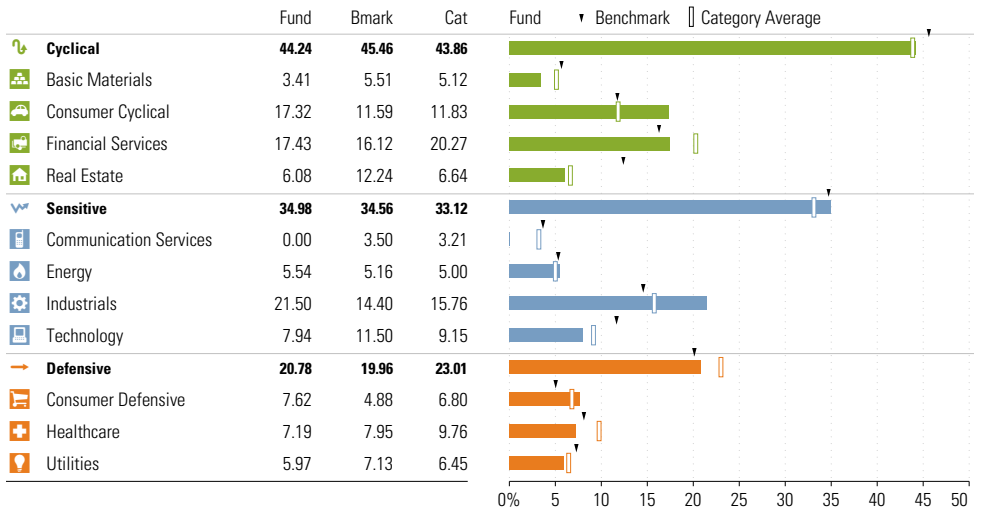
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



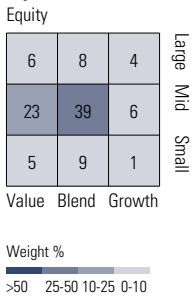
**Asset Allocation** as of 12-31-2021



**Sector Weighting** as of 12-31-2021



**Style Breakdown**



**Top 15 Holdings** as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Carlisle Companies Inc	3.83	3.83	60.23	Industrials
AerCap Holdings NV	3.30	7.13	43.53	Industrials
Brown & Brown Inc	3.01	10.14	49.04	Financial Services
Arch Capital Group Ltd	2.88	13.02	23.23	Financial Services
D.R. Horton Inc	2.86	15.88	58.55	Consumer Cyclical
Republic Services Inc	2.82	18.70	46.65	Industrials
CBRE Group Inc Class A	2.77	21.47	73.01	Real Estate
Reynolds Consumer Products Inc Ordinary Shares	2.48	23.95	7.59	Consumer Cyclical
LKQ Corp	2.46	26.42	71.06	Consumer Cyclical
Amdocs Ltd	2.42	28.83	7.54	Technology
Stanley Black & Decker Inc	2.39	31.23	7.30	Industrials
Euronet Worldwide Inc	2.38	33.61	-17.77	Technology
Alcon Inc	2.33	35.94	37.33	Healthcare
Lear Corp	2.29	38.23	16.15	Consumer Cyclical
Keurig Dr Pepper Inc	2.29	40.52	17.30	Consumer Defensive

**Total Holdings 70**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

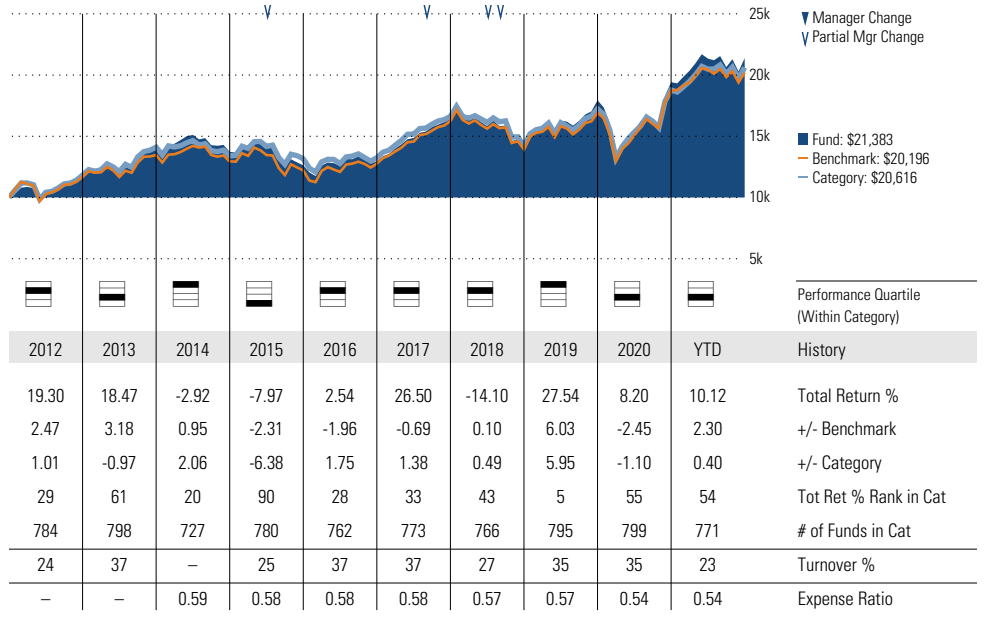
✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 13.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.54 is 42.55% lower than the Foreign Large Blend category average.

## Growth of \$10,000



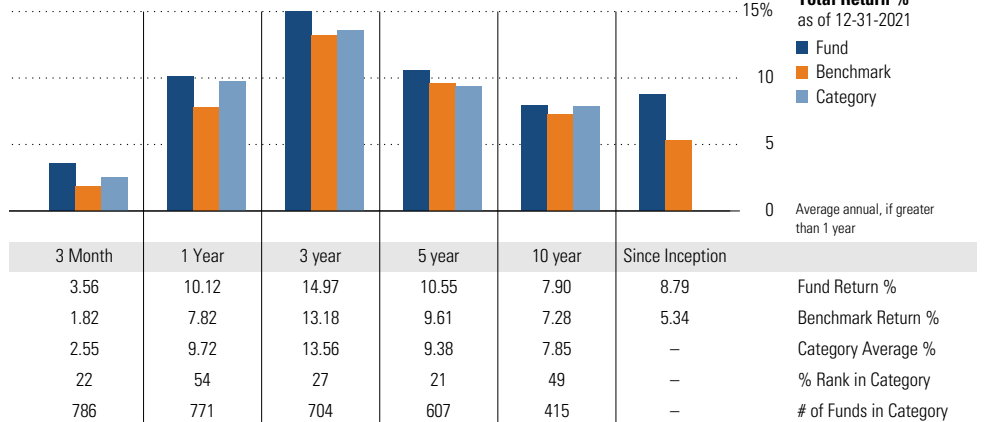
## Morningstar Investment Management LLC Analysis

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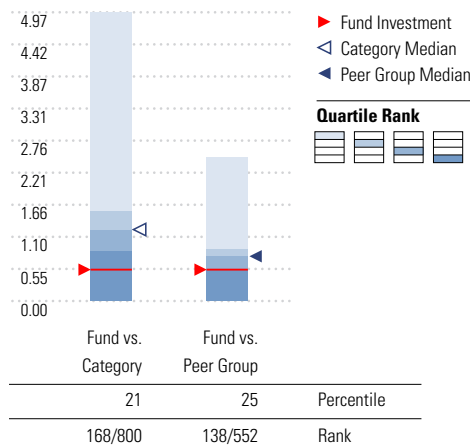
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Trailing Performance



## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.60	-	0.94
Beta	1.10	-	1.00
R-Squared	97.98	-	94.25
Standard Deviation	18.84	17.03	17.48
Sharpe Ratio	0.79	0.76	0.80
Tracking Error	3.13	-	4.25
Information Ratio	0.57	-	0.25
Up Capture Ratio	109.94	-	101.95
Down Capture Ratio	107.43	-	98.67

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.40	15.08	16.26
Price/Book Ratio	2.15	1.88	1.95
Geom Avg Mkt Cap \$B	55.02	47.47	56.01
ROE	19.45	17.76	18.41

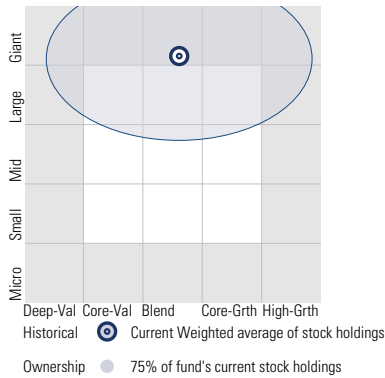
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

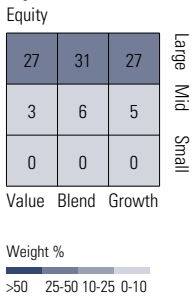
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2021

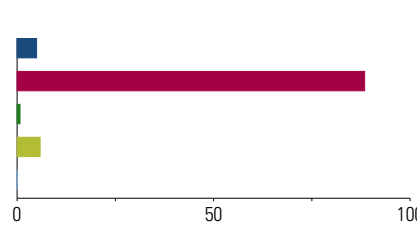
Morningstar Style Box™



## Style Breakdown

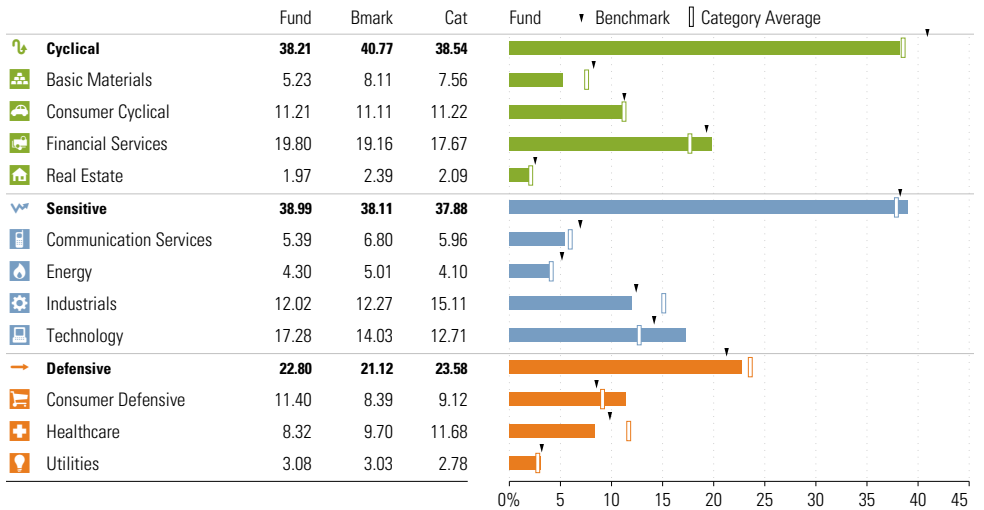


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	4.95	2.90
Non-US Stocks	88.43	95.06
Bonds	0.74	0.37
Cash	5.86	0.99
Other	0.02	0.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %
Greater Asia	30.07	35.68	Americas	12.73	8.02	Greater Europe	57.20	56.30	Market Maturity	Fund %
Japan	6.16	19.04	North America	9.33	7.05	United Kingdom	13.02	12.54	Developed Markets	83.84
Australasia	0.62	4.55	Central/Latin	3.40	0.97	W euro-ex UK	41.00	42.20	Emerging Markets	16.16
Asia-4 Tigers	13.65	6.95				Emrgng Europe	2.79	0.63	Not Available	0.00
Asia-ex 4 Tigers	9.64	5.14				Africa	0.39	0.93		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	6.27	6.27	—	—
⊕ Taiwan Semiconductor Manufacturing Co Ltd	3.88	10.16	18.02	Technology
⊖ ASML Holding NV	2.41	12.56	78.48	Technology
⊖ AstraZeneca PLC	2.17	14.73	21.25	Healthcare
⊖ British American Tobacco PLC	2.00	16.74	8.90	Consumer Defensive
⊕ Tokyo Electron Ltd	1.89	18.62	74.76	Technology
⊕ Airbus SE	1.65	20.27	25.15	Industrials
⊖ Evolution AB	1.60	21.87	54.65	Consumer Cyclical
⊖ Philip Morris International Inc	1.38	23.25	20.67	Consumer Defensive
⊖ AXA SA	1.30	24.56	41.53	Financial Services

**Total Holdings 265**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.1 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 0.41 is 63.72% lower than the World Large-Stock Growth category average.

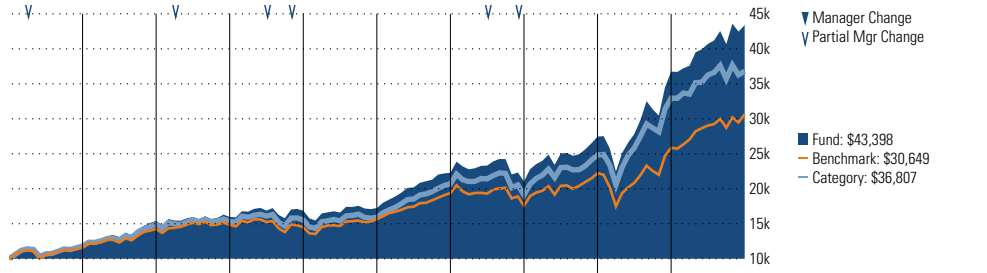
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## ESG Metrics

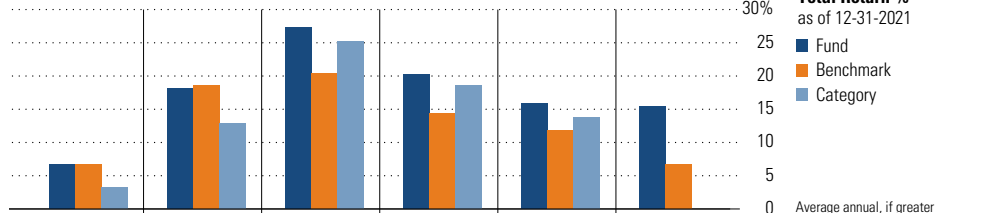
Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



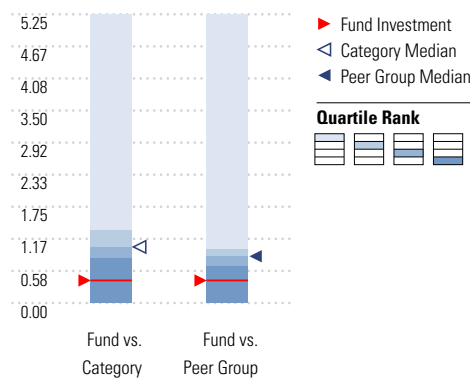
	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
2012	21.19	27.23	3.56	5.63	2.19	29.30	-5.56	30.48	33.81	18.10	History
	5.06	4.43	-0.60	7.99	-5.67	5.33	3.85	3.88	17.56	-0.44	Total Return %
	3.18	0.79	0.91	4.37	-0.23	-0.92	2.23	0.08	1.14	5.26	+/- Benchmark
	12	44	43	16	51	51	31	50	34	28	+/- Category
	220	248	267	281	260	276	299	313	332	355	Tot Ret % Rank in Cat
	16	30	25	27	22	28	23	20	26	22	# of Funds in Cat
	-	-	0.45	0.45	0.45	0.45	0.44	0.44	0.42	0.41	Turnover %
											Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2021
	6.72	18.10	27.28	20.28	15.81	15.40	Fund
	6.68	18.54	20.38	14.40	11.85	6.68	Benchmark
	3.21	12.84	25.27	18.53	13.75	-	Category
	26	28	28	22	15	-	% Rank in Category
	365	355	306	261	166	-	# of Funds in Category

## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	5.08	-	4.75
Beta	1.04	-	0.97
R-Squared	96.25	-	88.15
Standard Deviation	18.04	17.08	17.79
Sharpe Ratio	1.39	1.13	1.32
Tracking Error	3.55	-	6.01
Information Ratio	1.94	-	0.80
Up Capture Ratio	113.10	-	106.29
Down Capture Ratio	91.90	-	87.69

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.67	20.00	30.89
Price/Book Ratio	4.59	2.94	5.51
Geom Avg Mkt Cap \$B	157.93	117.03	153.71
ROE	24.57	25.94	26.47

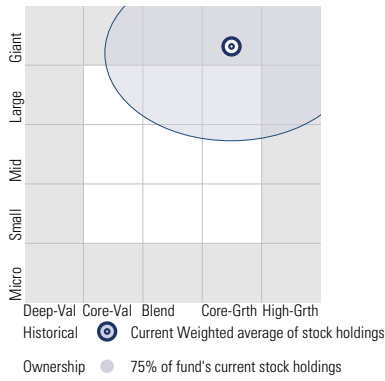
# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large-Stock Growth

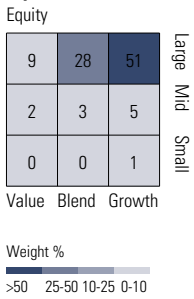
**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 12-31-2021

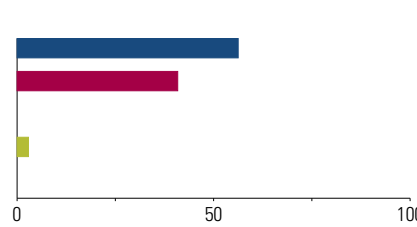
Morningstar Style Box™



## Style Breakdown

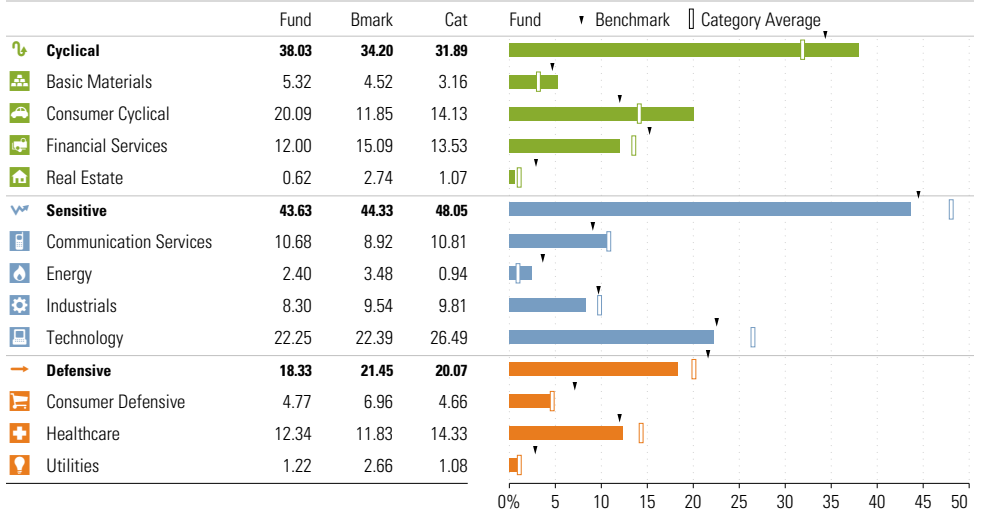


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	56.25	57.59
Non-US Stocks	40.87	39.63
Bonds	0.00	0.00
Cash	2.89	2.04
Other	0.00	0.74
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	12.23	14.33	Americas	61.53	62.22	Greater Europe	26.24	23.46	Developed Markets	95.76
Japan	3.19	4.05	North America	59.75	61.08	United Kingdom	3.57	4.72	Emerging Markets	4.24
Australasia	0.53	0.30	Central/Latin	1.78	1.14	W euro-ex UK	21.74	18.22	Not Available	0.00
Asia-4 Tigers	6.82	4.73				Emrgng Europe	0.51	0.23		
Asia-ex 4 Tigers	1.69	5.25				Africa	0.42	0.29		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Tesla Inc	7.56	7.56	49.76	Consumer Cyclical
⊖ Microsoft Corp	3.98	11.53	52.24	Technology
⊕ Meta Platforms Inc Class A	3.03	14.56	23.13	Communication Svc
Taiwan Semiconductor Manufacturing Co Ltd	2.97	17.54	18.02	Technology
⊖ Capital Group Central Cash Fund	2.90	20.43	—	—
⊖ Amazon.com Inc	2.79	23.23	2.38	Consumer Cyclical
⊖ ASML Holding NV	1.59	24.82	78.48	Technology
⊖ Alphabet Inc Class C	1.37	26.18	65.17	Communication Svc
⊖ Alphabet Inc Class A	1.35	27.53	65.30	Communication Svc
⊖ Broadcom Inc	1.34	28.87	55.38	Technology

**Total Holdings 305**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

- Carl Kawaja since 06-1999
- Robert Lovelace since 06-1999
- Nicholas Grace since 01-2008
- Christopher Thomsen since 01-2009
- Winnie Kwan since 01-2009
- Tomonori Tani since 10-2013
- Jonathan Knowles since 01-2016
- Bradford Freer since 01-2017
- Lisa Thompson since 10-2019
- Kirstie Spence since 12-2019
- Piyada Phanaphat since 01-2021
- Akira Shiraishi since 01-2021
- Dawid Justus since 01-2022

## 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 22.56 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.57 is 52.1% lower than the Diversified Emerging Mkts category average.

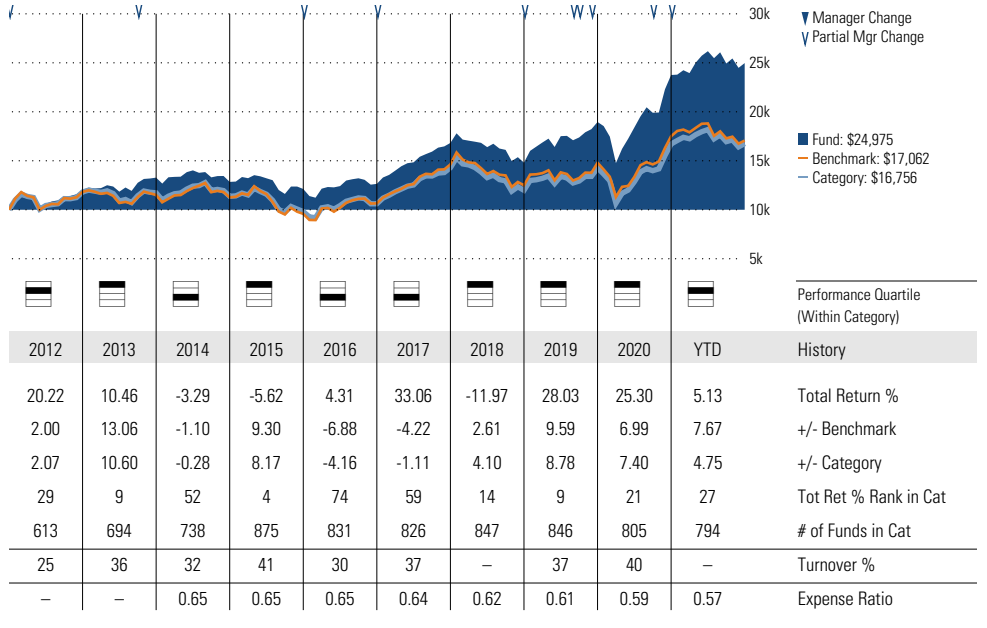
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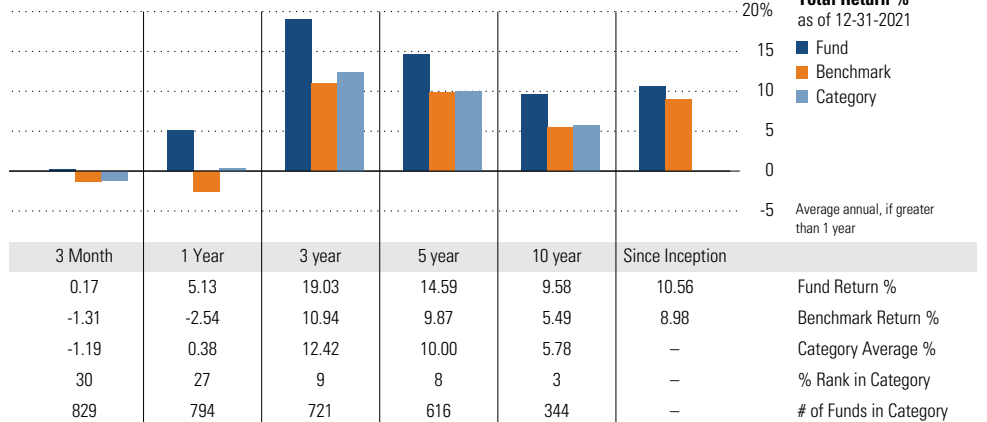
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

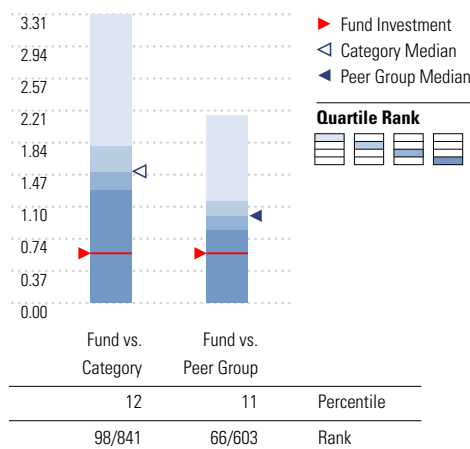
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	8.34	-	1.96
Beta	0.88	-	0.99
R-Squared	87.38	-	90.38
Standard Deviation	17.60	18.59	19.41
Sharpe Ratio	1.03	0.61	0.68
Tracking Error	6.61	-	5.81
Information Ratio	1.22	-	0.30
Up Capture Ratio	108.75	-	102.20
Down Capture Ratio	77.83	-	95.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.24	12.49	14.48
Price/Book Ratio	3.38	1.84	2.32
Geom Avg Mkt Cap \$B	66.76	43.97	53.07
ROE	20.37	18.03	18.99

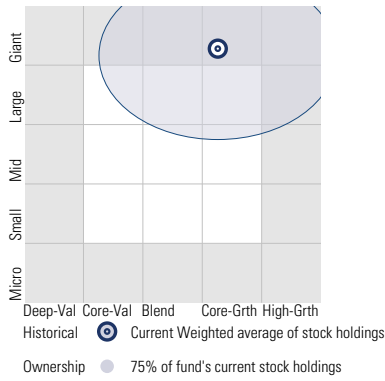
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**Morningstar Category**  
Diversified Emerging Mkts

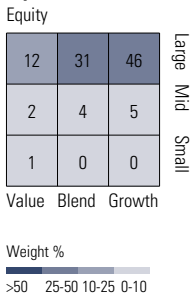
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 12-31-2021

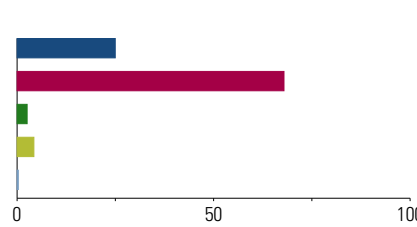
Morningstar Style Box™



## Style Breakdown

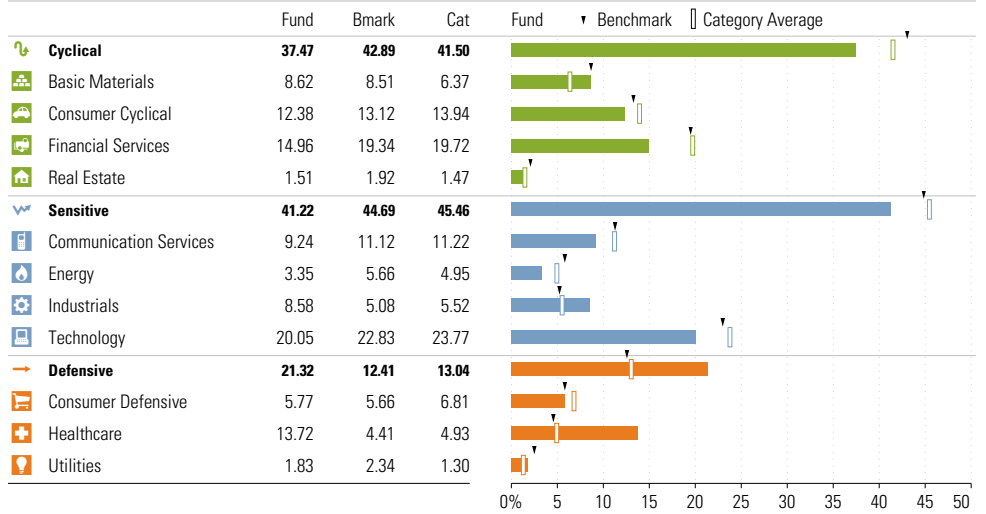


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	24.97	3.29
Non-US Stocks	67.91	94.33
Bonds	2.55	-0.03
Cash	4.27	2.27
Other	0.30	0.14
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	39.39	73.88	Americas	37.45	12.03	Greater Europe	23.15	14.08	Developed Markets	61.07
Japan	2.94	0.13	North America	28.88	3.05	United Kingdom	2.55	0.83	Emerging Markets	38.93
Australasia	0.88	0.05	Central/Latin	8.57	8.98	W euro-ex UK	17.20	2.29	Not Available	0.00
Asia-4 Tigers	8.05	27.34				Emrgng Europe	1.79	6.62		
Asia-ex 4 Tigers	27.52	46.36				Africa	1.61	4.34		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.21	4.21	-	-
Microsoft Corp	3.17	7.39	52.24	Technology
Taiwan Semiconductor Manufacturing Co Ltd	2.04	9.43	18.02	Technology
Reliance Industries Ltd	1.90	11.33	19.60	Energy
Kotak Mahindra Bank Ltd	1.79	13.12	-9.96	Financial Services
Kweichow Moutai Co Ltd Class A	1.53	14.65	3.47	Consumer Defensive
Silergy Corp	1.43	16.08	108.94	Technology
MercadoLibre Inc	1.36	17.44	-19.51	Consumer Cyclical
Thermo Fisher Scientific Inc	1.27	18.71	43.48	Healthcare
Alphabet Inc Class C	1.26	19.97	65.17	Communication Svc

**Total Holdings 562**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Portfolio Manager(s)

- M. Sharon deGuzman since 09-2000
- Mary Ellen Stanek since 09-2000
- Charles Groeschell since 09-2000
- Warren Pierson since 09-2000
- Meghan Dean since 05-2019
- Jay Schwister since 05-2019
- Jeffrey Schrom since 05-2019
- Patrick Brown since 05-2021

## 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 21.27 years.

Style Consistency is not calculated for Fixed Income funds.

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

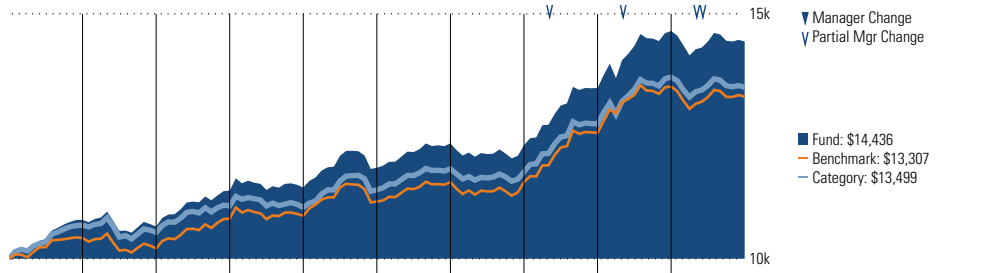
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

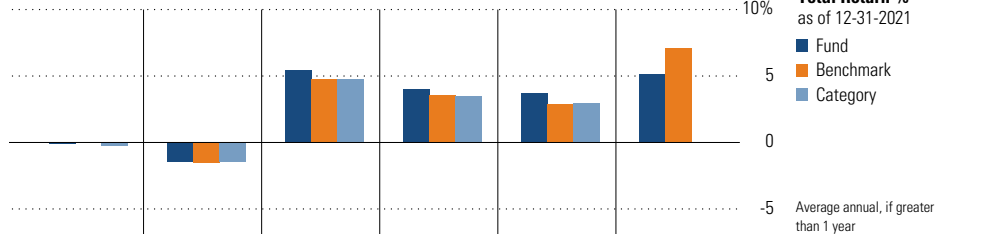
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000



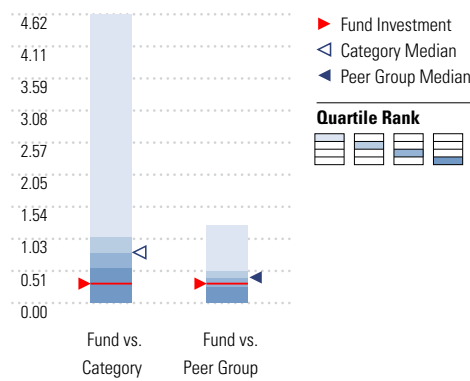
	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.48	8.63	-1.46	History
	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.76	1.12	0.08	Total Return %
	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.42	1.11	0.02	+/- Benchmark
	34	36	8	22	37	31	41	15	22	40	+/- Category
	531	540	477	490	453	449	427	434	420	426	Tot Ret % Rank in Cat
	64	28	32	40	36	28	24	31	35	-	# of Funds in Cat
	-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	Turnover %
	-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2021
	-0.10	-1.46	5.43	4.01	3.74	5.16	Fund Return %
	0.01	-1.54	4.79	3.57	2.90	7.11	Benchmark Return %
	-0.24	-1.48	4.81	3.47	2.95	-	Category Average %
	29	40	20	13	9	-	% Rank in Category
	442	426	389	351	256	-	# of Funds in Category

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile Rank
	21	32	93/447
			118/369

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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.22	-	0.04
Beta	1.09	-	1.01
R-Squared	91.63	-	84.77
Standard Deviation	3.86	3.40	3.75
Sharpe Ratio	1.20	1.18	1.09
Tracking Error	1.15	-	1.45
Information Ratio	0.55	-	-0.09
Up Capture Ratio	113.05	-	104.26
Down Capture Ratio	112.92	-	109.91

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	6.78	4.43	6.27
Avg Eff Maturity	8.49	-	7.77

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 12-31-2021

**Style Breakdown**



**Asset Allocation** as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	92.76	95.78
Cash	3.22	1.97
Other	4.03	2.20
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	59.10	3.53	46.66
AA	3.40	74.59	11.82
A	13.60	10.82	22.68
BBB	23.20	8.32	15.84
BB	0.70	0.28	1.55
B	0.00	0.00	0.51
Below B	0.00	0.00	0.23
Not Rated	0.00	2.46	0.72

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Bonds 2.5%	02-2045	4.24	4.24	-
⊕ United States Treasury Notes 0.38%	07-2024	3.69	7.92	-
⊖ United States Treasury Bonds 2.88%	05-2043	3.60	11.52	-
⊕ United States Treasury Notes 2.25%	11-2025	3.13	14.66	-
⊖ First American Government Obligs U	02-2030	3.01	17.66	-
⊖ United States Treasury Notes 2%	11-2026	2.98	20.65	-
⊖ United States Treasury Notes 2.25%	11-2027	2.74	23.38	-
⊕ United States Treasury Bonds 1.38%	11-2040	2.12	25.50	-
⊖ United States Treasury Notes 2.5%	05-2024	2.09	27.59	-
⊕ United States Treasury Notes 1.13%	08-2028	1.66	29.26	-

**Total Holdings 1520**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# BlackRock High Yield Bond K BRHYX

**Morningstar Category**  
High Yield Bond

**Morningstar Index**  
ICE BofA US High Yield TR USD

## Portfolio Manager(s)

James Keenan since 12-2007  
Derek Schoenhofen since 05-2009  
Mitchell Garfin since 05-2009  
David Delbos since 03-2014

## 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 14.01 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.51 is 45.16% lower than the High Yield Bond category average.

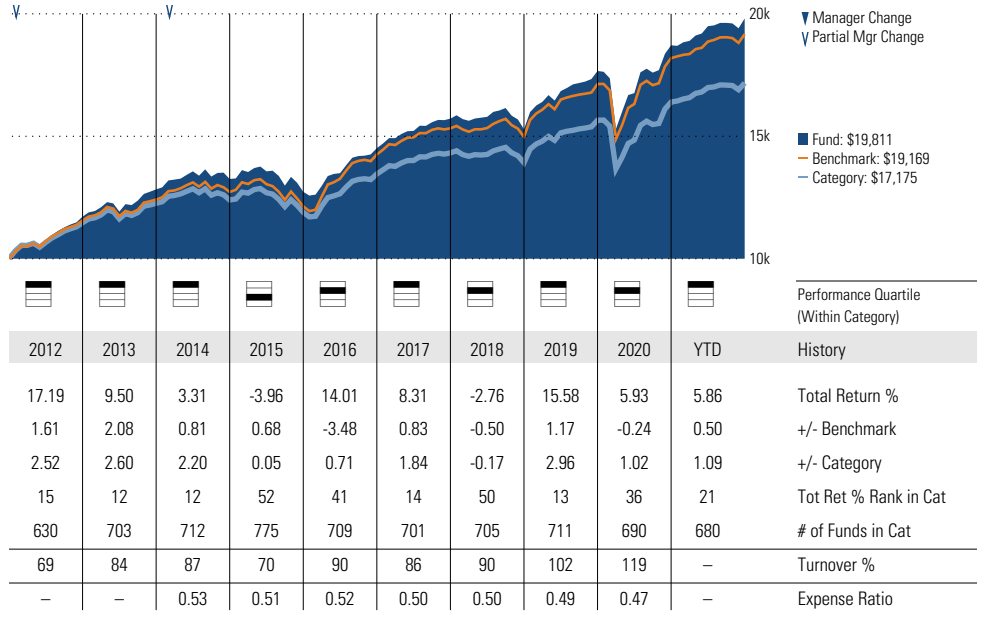
## Morningstar Investment Management LLC Analysis

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.

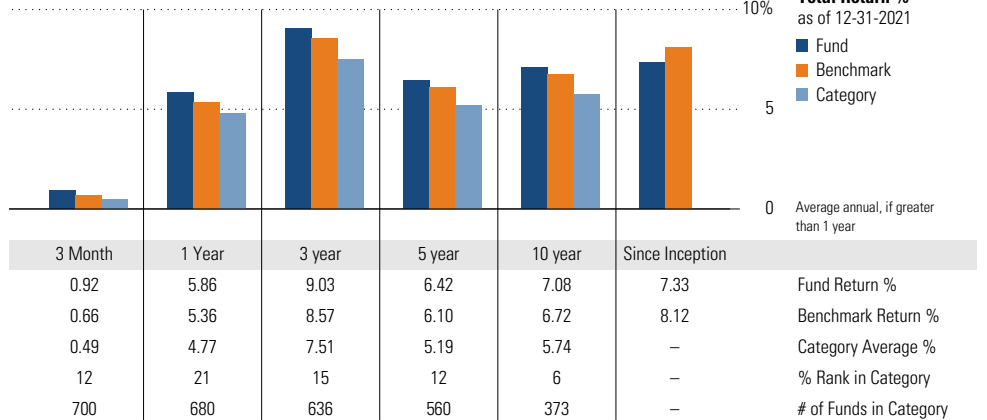
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021

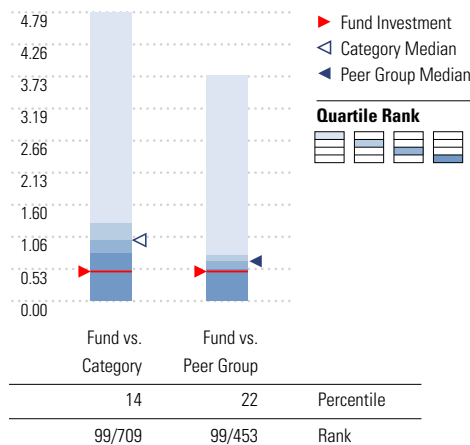
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.33	-	-0.59
Beta	1.01	-	0.97
R-Squared	99.12	-	95.71
Standard Deviation	9.43	9.27	9.19
Sharpe Ratio	0.88	0.85	0.78
Tracking Error	0.89	-	2.20
Information Ratio	0.51	-	-0.42
Up Capture Ratio	102.96	-	93.21
Down Capture Ratio	99.93	-	98.40

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	1.45	-	3.34
Avg Eff Maturity	7.45	-	4.35

# BlackRock High Yield Bond K BRHYX

**Morningstar Category**  
High Yield Bond

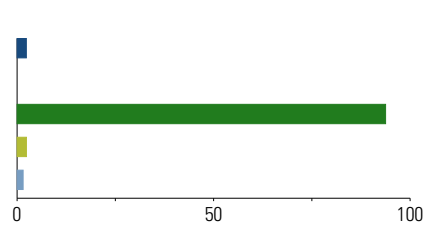
**Morningstar Index**  
ICE BofA US High Yield TR USD

**Style Analysis** as of 12-31-2021

**Style Breakdown**



**Asset Allocation** as of 12-31-2021

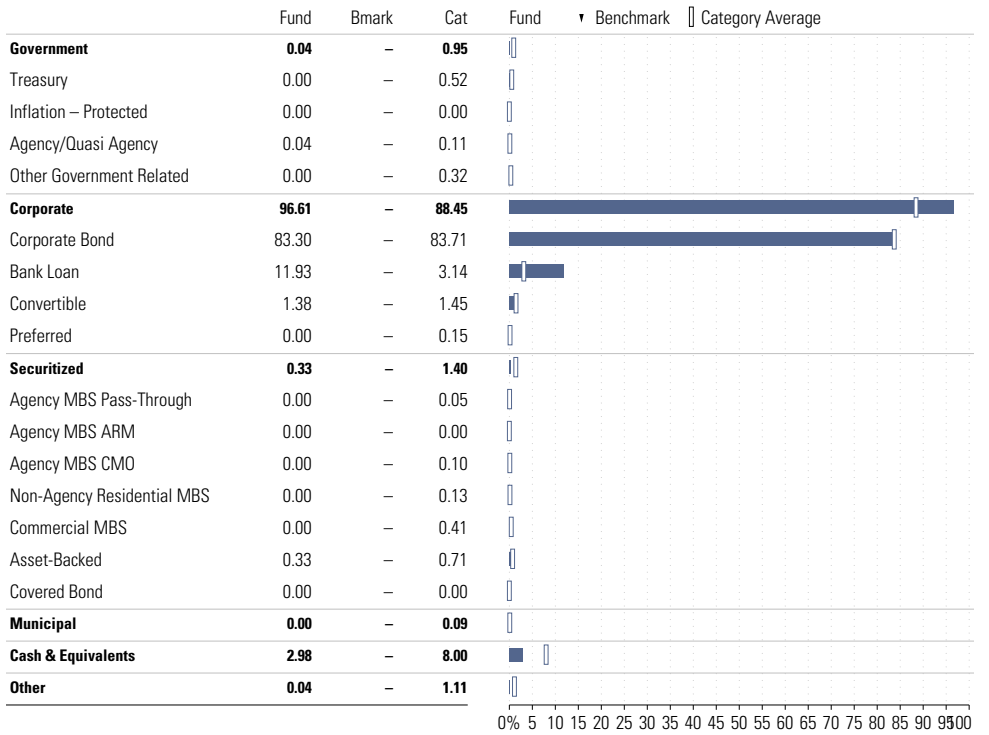


Asset Class	Net %	Cat%
US Stocks	2.35	1.04
Non-US Stocks	0.00	0.00
Bonds	93.76	90.09
Cash	2.37	6.77
Other	1.53	2.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	0.66	-	1.69
AA	0.00	-	0.19
A	0.27	-	0.29
BBB	2.36	-	3.95
BB	31.98	-	35.70
B	44.10	-	37.32
Below B	17.60	-	18.19
Not Rated	3.02	-	2.67

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ BlackRock Liquidity T-Fund Instl	-	2.74	2.74	-
⊕ iShares iBoxx \$ High Yield Corp Bd ETF	-	1.84	4.58	-
⊕ TransDigm, Inc. 6.25%	03-2026	1.26	5.84	-
⊕ SPDR® Blmbg Barclays High Yield Bd ETF	-	1.17	7.01	-
⊕ Clarios Global Lp 8.5%	05-2027	0.60	7.61	-
⊕ Ascent Resources Utica Holdings LI TI	11-2025	0.60	8.21	-
⊕ iShares Broad USD High Yield Corp Bd ETF	-	0.52	8.73	-
⊕ Brand Energy & Infrastructure Serv TI	06-2024	0.52	9.25	-
Altice France Holdings S A 10.5%	05-2027	0.51	9.75	-
Verscend Escrow Corp 9.75%	08-2026	0.47	10.22	-

**Total Holdings 1591**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# JPMorgan US Equity R6 JUEMX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Scott Davis since 08-2014  
David Small since 07-2016  
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 7.38 years.

✗ **Style:** The fund has landed in its primary style box — Large Blend — 47.06 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 45.68% lower than the Large Blend category average.

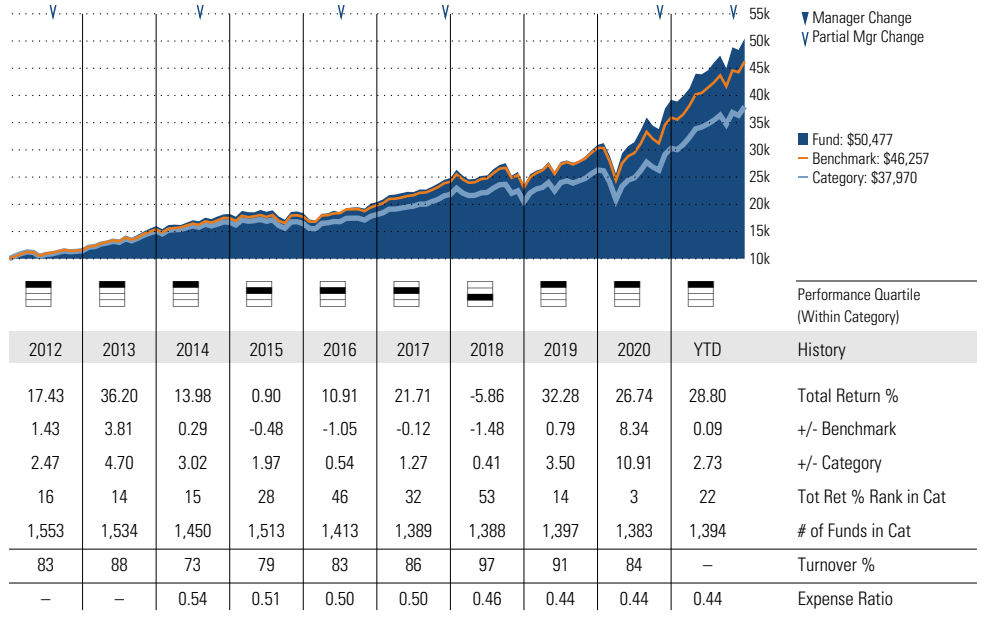
## Morningstar Investment Management LLC Analysis

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

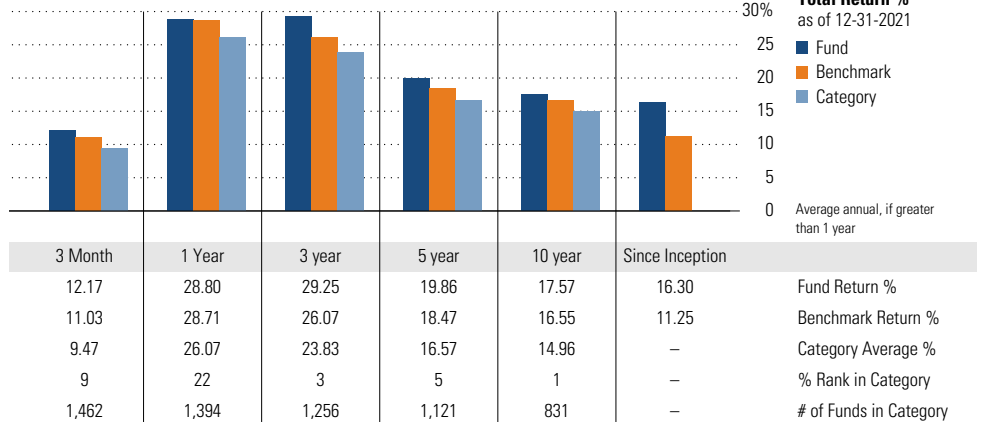
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

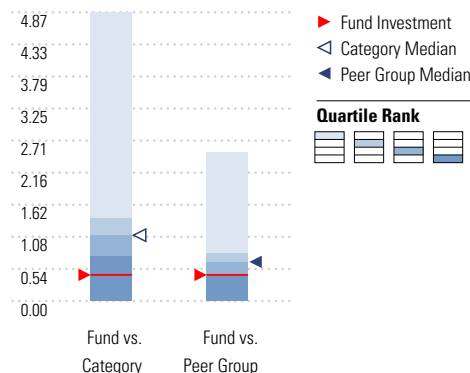
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.10	-	-1.70
Beta	1.02	-	0.97
R-Squared	98.24	-	95.10
Standard Deviation	17.93	17.41	17.41
Sharpe Ratio	1.48	1.38	1.25
Tracking Error	2.41	-	3.76
Information Ratio	1.32	-	-1.29
Up Capture Ratio	103.95	-	93.94
Down Capture Ratio	92.85	-	100.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	28.49	25.15	25.73
Price/Book Ratio	5.23	4.59	5.74
Geom Avg Mkt Cap \$B	229.44	230.65	305.14
ROE	33.99	32.75	38.00

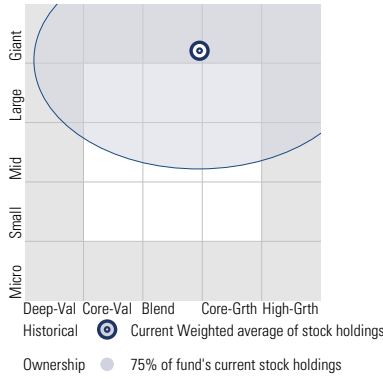
# JPMorgan US Equity R6 JUEMX

**Morningstar Category**  
Large Blend

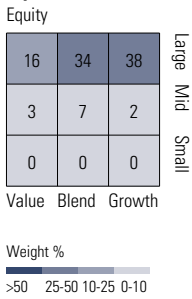
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2021

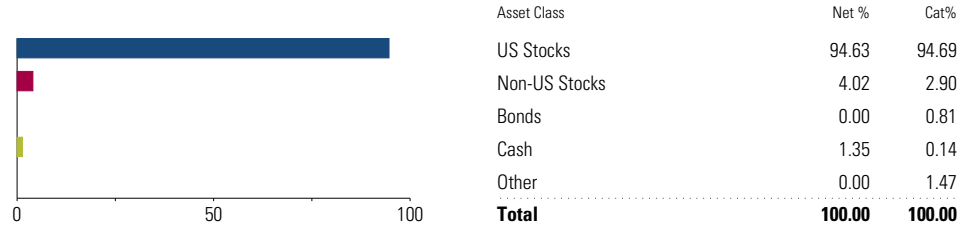
Morningstar Style Box™



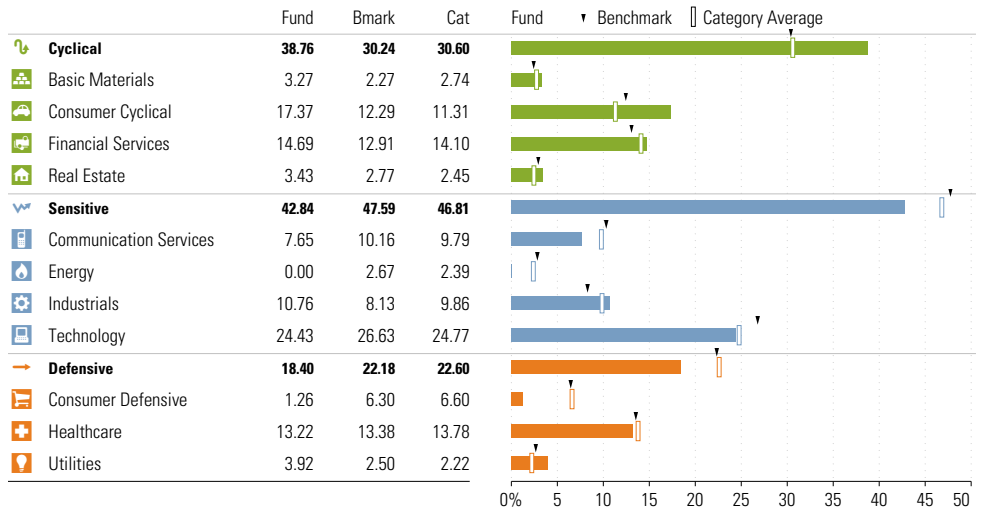
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	8.44	8.44	52.24	Technology
Alphabet Inc Class A	6.52	14.95	65.30	Communication Svc
Amazon.com Inc	5.85	20.80	2.38	Consumer Cyclical
Apple Inc	5.27	26.07	34.48	Technology
Prologis Inc	3.38	29.45	71.46	Real Estate
Mastercard Inc Class A	3.32	32.77	1.16	Financial Services
NXP Semiconductors NV	3.19	35.96	44.66	Technology
Eaton Corp PLC	3.03	38.99	46.38	Industrials
AbbVie Inc	2.80	41.79	31.22	Healthcare
NextEra Energy Inc	2.74	44.53	23.01	Utilities
Analog Devices Inc	2.47	47.00	20.85	Technology
Norfolk Southern Corp	2.45	49.45	27.04	Industrials
Wells Fargo & Co	2.23	51.69	60.97	Financial Services
Truist Financial Corp	2.17	53.85	26.04	Financial Services
Deere & Co	2.07	55.92	28.89	Industrials

**Total Holdings 53**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Loomis Sayles Global Bond N LSGNX

**Morningstar Category**  
World Bond

**Morningstar Index**  
BBgBarc Gbl Agg Ex USD TR USD

## 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 World Bond category's top three quartiles in 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 21.35 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.64 is 28.09% lower than the World Bond category average.

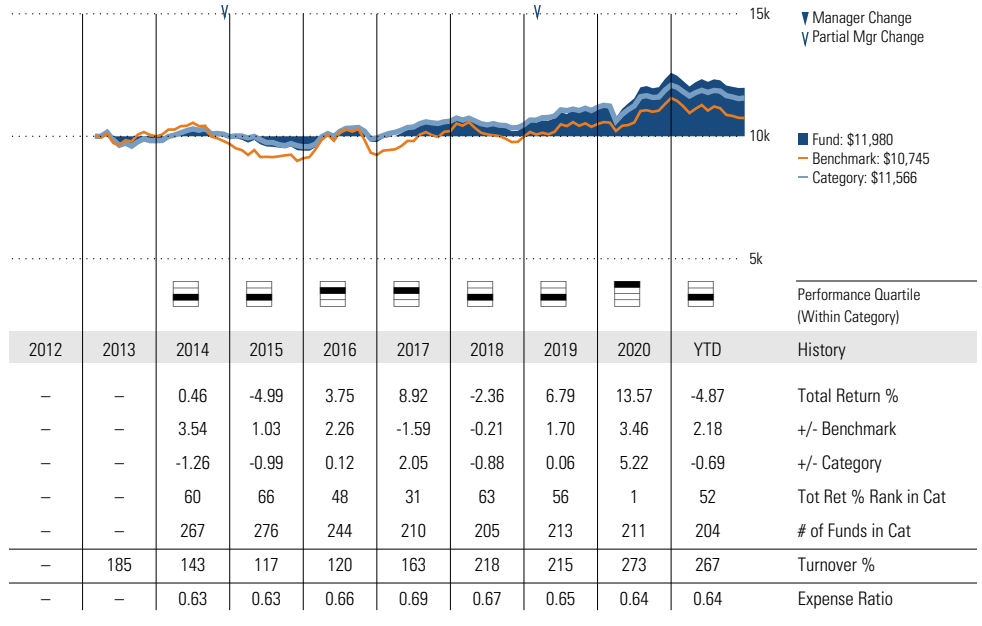
## Morningstar Investment Management LLC Analysis

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.

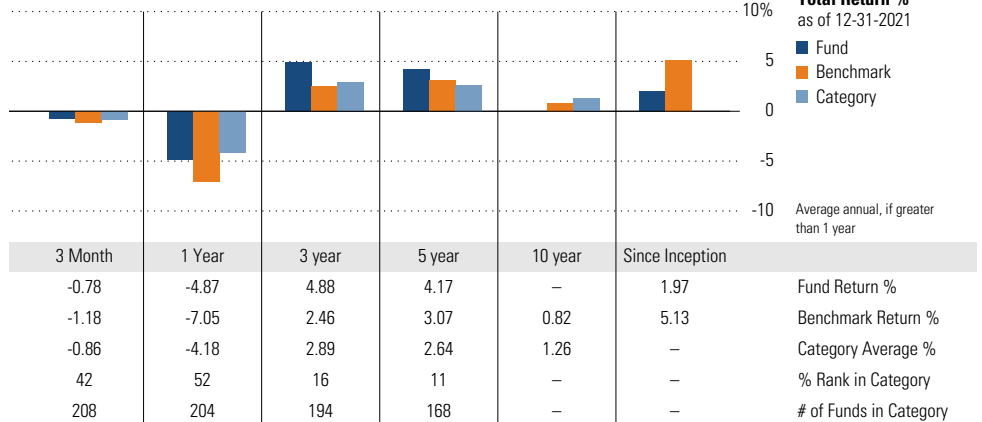
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021

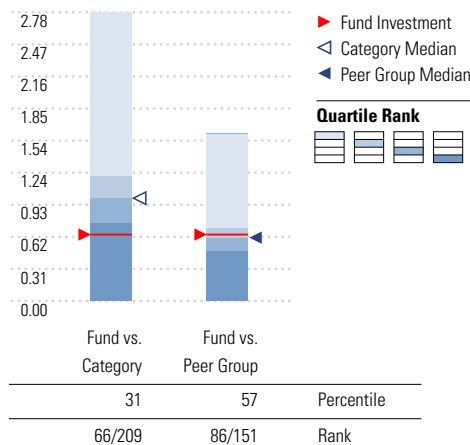
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.55	-	0.88
Beta	0.92	-	0.86
R-Squared	89.16	-	69.35
Standard Deviation	5.64	5.80	6.20
Sharpe Ratio	0.72	0.30	0.37
Tracking Error	1.92	-	3.77
Information Ratio	1.26	-	0.25
Up Capture Ratio	107.70	-	89.99
Down Capture Ratio	76.96	-	79.70

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.40	-	6.15
Avg Eff Maturity	8.26	-	7.42

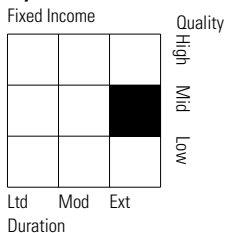
# Loomis Sayles Global Bond N LSGNX

**Morningstar Category**  
World Bond

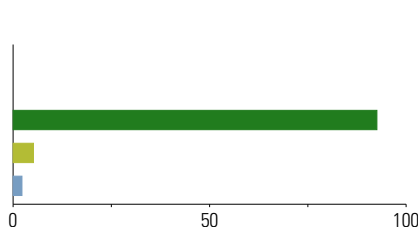
**Morningstar Index**  
BBgBarc Gbl Agg Ex USD TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

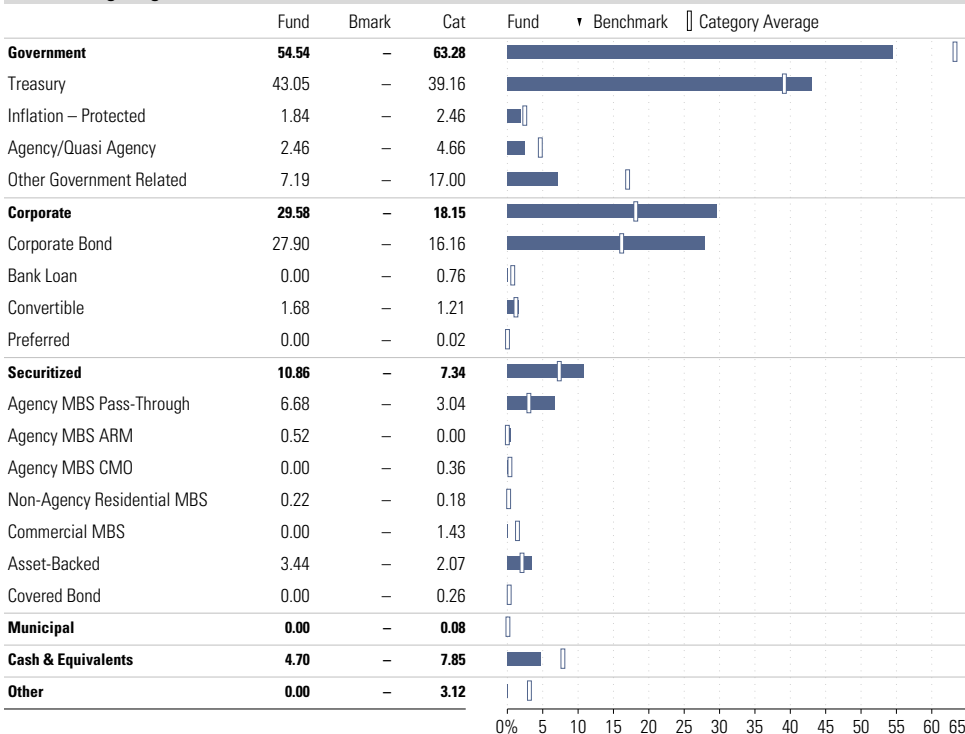


Asset Class	Net %	Cat%
US Stocks	0.00	0.26
Non-US Stocks	0.00	0.00
Bonds	92.57	90.01
Cash	5.18	3.07
Other	2.25	6.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	31.17	-	32.11
AA	7.77	-	12.58
A	24.46	-	20.46
BBB	26.17	-	21.43
BB	10.49	-	6.40
B	0.00	-	2.58
Below B	0.00	-	0.83
Not Rated	-0.06	-	3.60

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Us 10yr Ultra Fut Mar22 Xcvt 20220322	03-2022	6.18	6.18	-
Japan (Government Of) 0.1%	12-2025	4.10	10.27	-
China (People's Republic Of) 1.99%	04-2025	2.69	12.97	-
⊕ Us 2yr Note (Cvt) Mar22 Xcvt 20220331	03-2022	2.52	15.49	-
China (People's Republic Of) 3.28%	12-2027	2.35	17.83	-
Italy (Republic Of) 1.35%	04-2030	2.26	20.10	-
Germany (Federal Republic Of) 0.01%	08-2026	2.17	22.27	-
China (People's Republic Of) 3.27%	11-2030	2.10	24.36	-
Australia (Commonwealth of) 0.5%	09-2026	2.05	26.41	-
Japan (Government Of) 0.1%	03-2029	2.03	28.44	-

### Total Holdings 321

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# MFS Growth R6 MFEKX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 19.76 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 0.53 is 45.92% lower than the Large Growth category average.

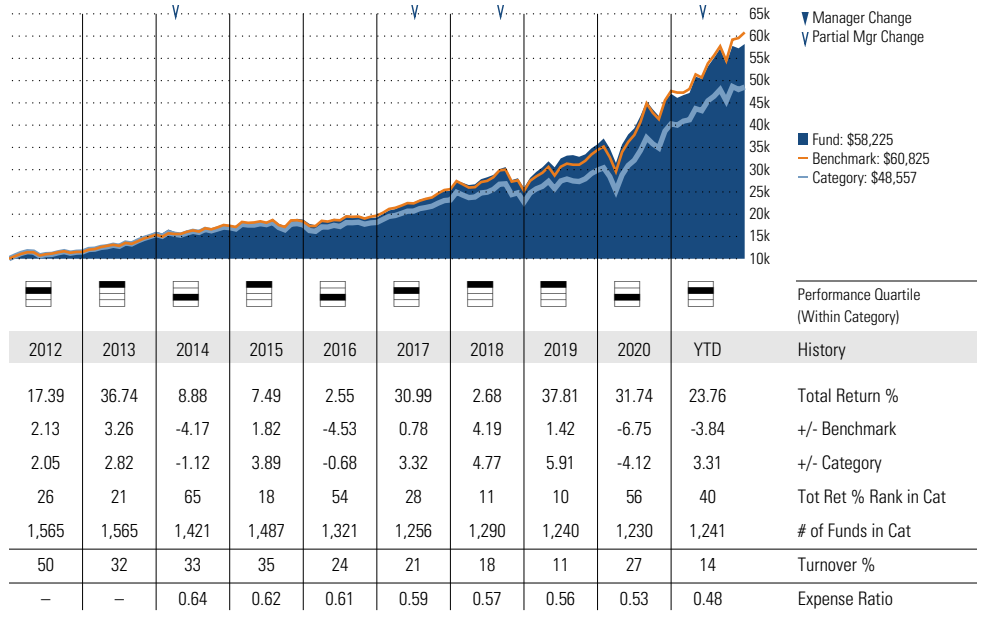
## Morningstar Investment Management LLC Analysis

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.

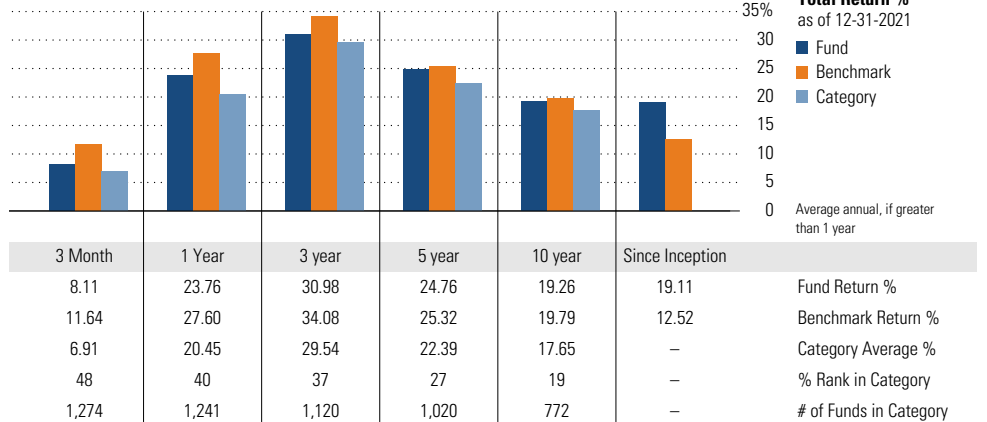
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

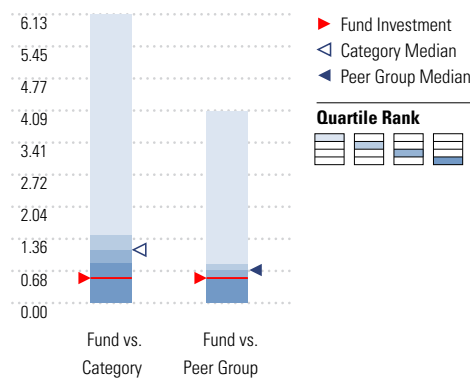
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.66	-	-2.24
Beta	0.89	-	0.97
R-Squared	96.82	-	91.07
Standard Deviation	16.73	18.42	18.79
Sharpe Ratio	1.66	1.65	1.46
Tracking Error	3.57	-	5.52
Information Ratio	-0.87	-	-0.92
Up Capture Ratio	90.03	-	90.02
Down Capture Ratio	86.68	-	93.02

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	40.65	34.55	33.66
Price/Book Ratio	9.92	12.90	9.38
Geom Avg Mkt Cap \$B	309.75	350.68	382.58
ROE	35.29	41.42	32.76

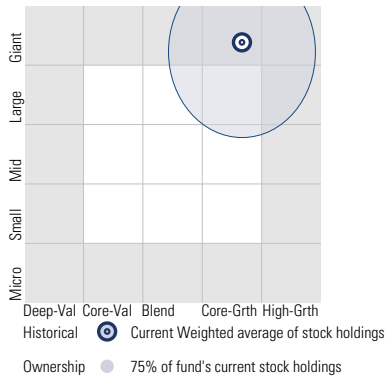
# MFS Growth R6 MFEKX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 12-31-2021

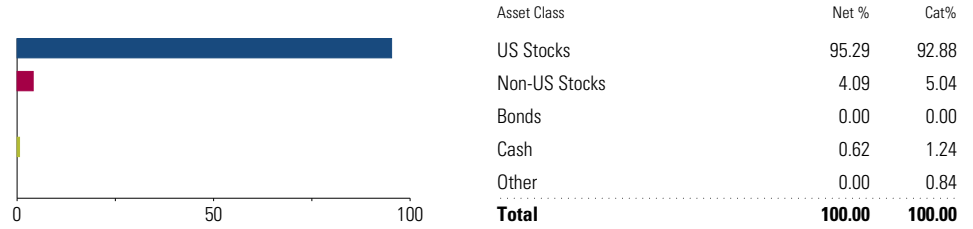
Morningstar Style Box™



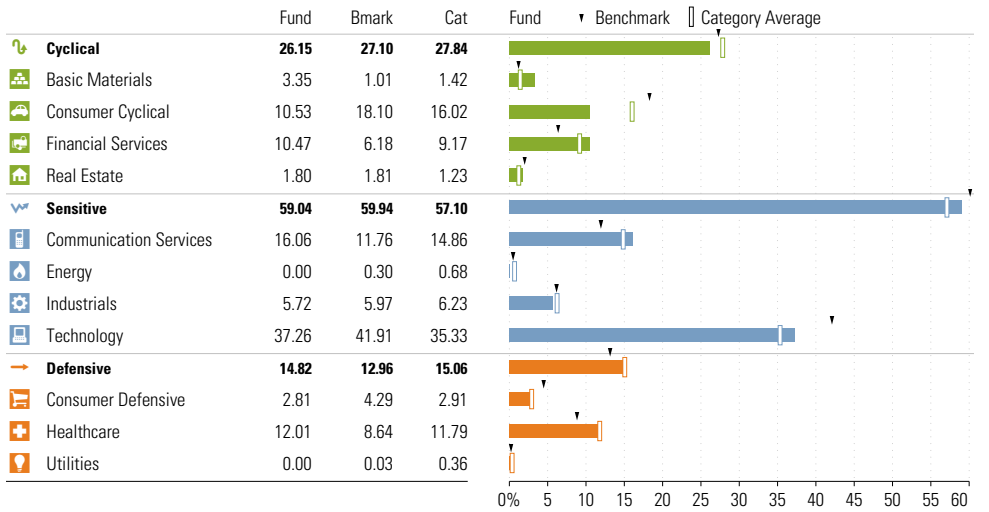
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	11.53	11.53	52.24	Technology
Amazon.com Inc	7.21	18.75	2.38	Consumer Cyclical
Alphabet Inc Class A	5.83	24.58	65.30	Communication Svc
Apple Inc	4.35	28.93	34.48	Technology
Adobe Inc	3.72	32.65	13.38	Technology
⊖ NVIDIA Corp	3.30	35.95	125.41	Technology
⊖ Meta Platforms Inc Class A	2.84	38.79	23.13	Communication Svc
Intuit Inc	2.80	41.59	69.98	Technology
⊖ Mastercard Inc Class A	2.75	44.34	1.16	Financial Services
Danaher Corp	2.37	46.71	48.49	Healthcare
⊖ Visa Inc Class A	2.18	48.89	-0.31	Financial Services
Thermo Fisher Scientific Inc	2.09	50.98	43.48	Healthcare
MSCI Inc	1.84	52.82	38.03	Financial Services
Alphabet Inc Class C	1.75	54.56	65.17	Communication Svc
Sherwin-Williams Co	1.74	56.31	44.65	Basic Materials

## Total Holdings 75

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Intl International Equity MIEIX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign Large 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 12.26 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 68.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.69 is 26.6% lower than the Foreign Large Blend category average.

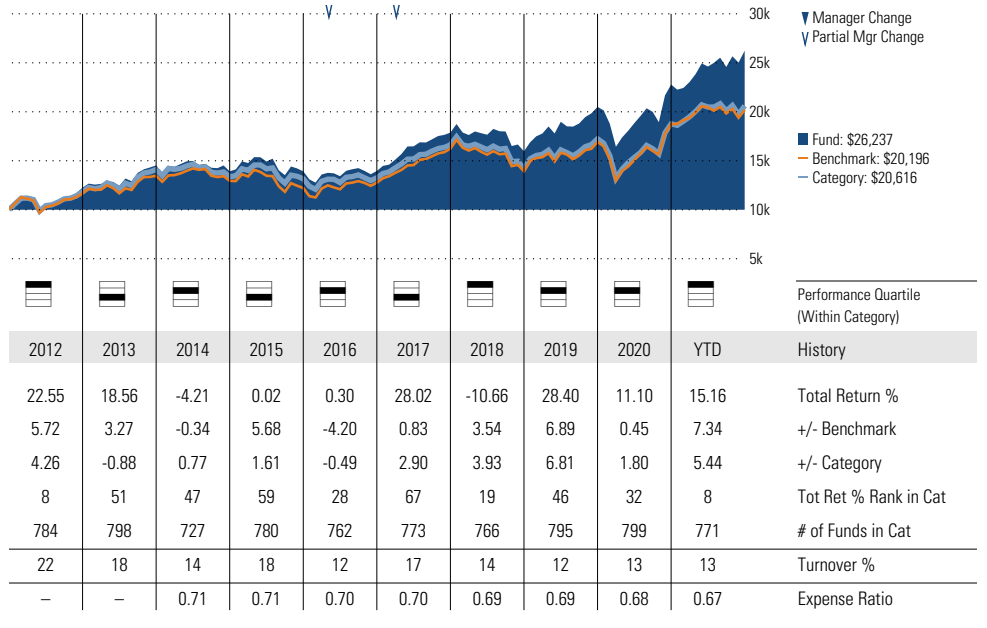
## Morningstar Investment Management LLC Analysis

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.

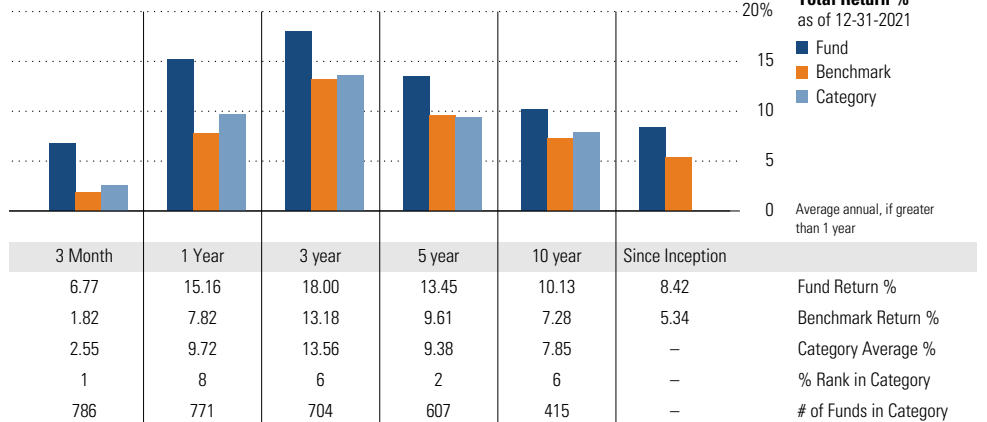
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

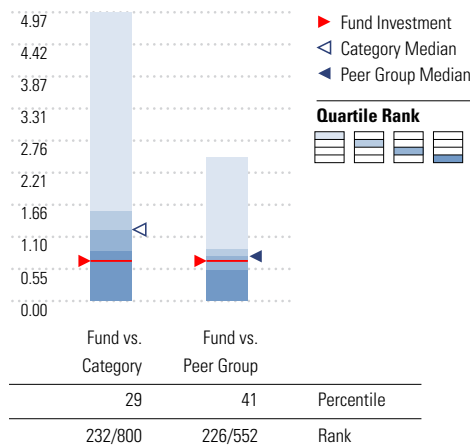
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	5.31	-	0.94
Beta	0.91	-	1.00
R-Squared	91.25	-	94.25
Standard Deviation	16.23	17.03	17.48
Sharpe Ratio	1.05	0.76	0.80
Tracking Error	5.04	-	4.25
Information Ratio	0.96	-	0.25
Up Capture Ratio	103.75	-	101.95
Down Capture Ratio	82.27	-	98.67

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	23.06	15.08	16.26
Price/Book Ratio	3.00	1.88	1.95
Geom Avg Mkt Cap \$B	71.53	47.47	56.01
ROE	18.67	17.76	18.41

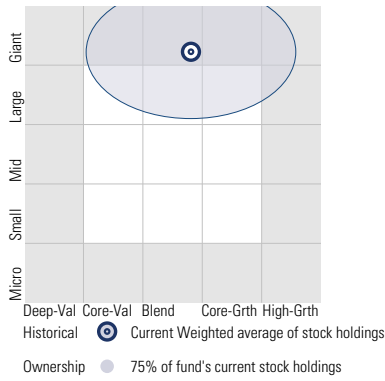
# MFS Instl International Equity MIEIX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2021

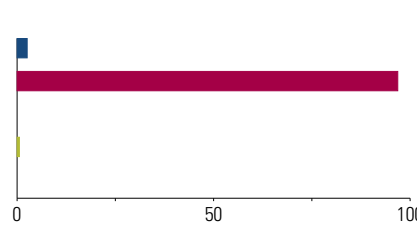
Morningstar Style Box™



## Style Breakdown

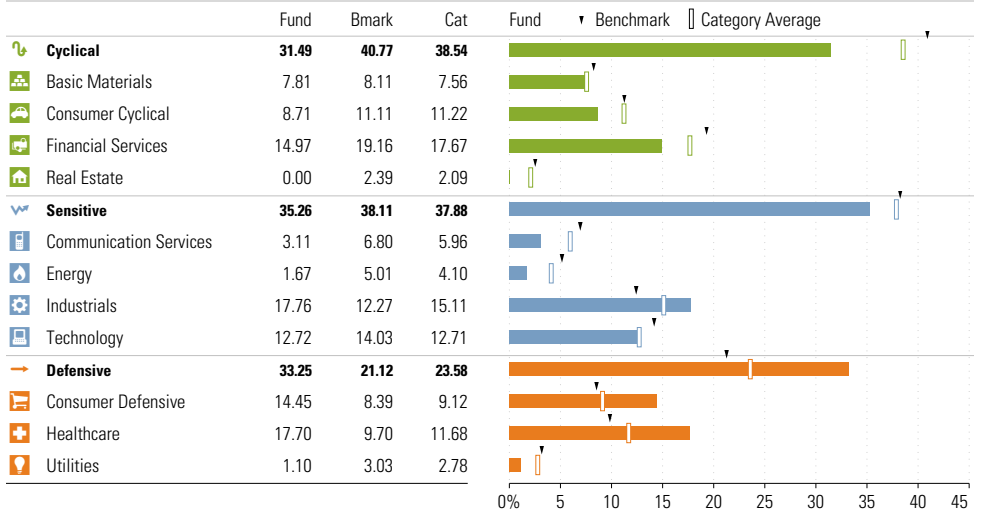


## Asset Allocation as of 12-31-2021

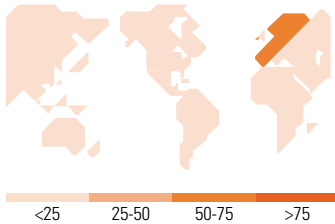


Asset Class	Net %	Cat%
US Stocks	2.56	2.90
Non-US Stocks	96.86	95.06
Bonds	0.00	0.37
Cash	0.58	0.99
Other	0.00	0.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	26.04	35.68	Americas	7.06	8.02	Greater Europe	66.90	56.30	Developed Markets	95.04
Japan	16.61	19.04	North America	6.80	7.05	United Kingdom	10.86	12.54	Emerging Markets	4.96
Australasia	0.00	4.55	Central/Latin	0.26	0.97	W euro-ex UK	55.03	42.20	Not Available	0.00
Asia-4 Tigers	4.73	6.95				Emrgng Europe	0.00	0.63		
Asia-ex 4 Tigers	4.70	5.14				Africa	1.01	0.93		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Nestle SA	3.98	3.98	23.95	Consumer Defensive
⊖ Schneider Electric SE	3.47	7.45	47.98	Industrials
⊖ Roche Holding AG	3.21	10.66	24.60	Healthcare
⊖ Air Liquide SA	2.62	13.28	16.25	Basic Materials
⊖ LVMH Moet Hennessy Louis Vuitton SE	2.51	15.79	43.67	Consumer Cyclical
⊖ Capgemini SE	2.40	18.19	71.49	Technology
⊖ Novo Nordisk A/S Class B	2.34	20.54	73.87	Healthcare
⊖ SAP SE	2.16	22.70	17.76	Technology
⊖ AIA Group Ltd	1.95	24.65	-16.20	Financial Services
⊖ Canadian National Railway Co	1.94	26.59	12.79	Industrials

**Total Holdings 80**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Mid Cap Growth R6 OTCKX

**Morningstar Category**  
Mid-Cap Growth

**Morningstar Index**  
Russell Mid Cap Growth TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.12 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 38.32% lower than the Mid-Cap Growth category average.

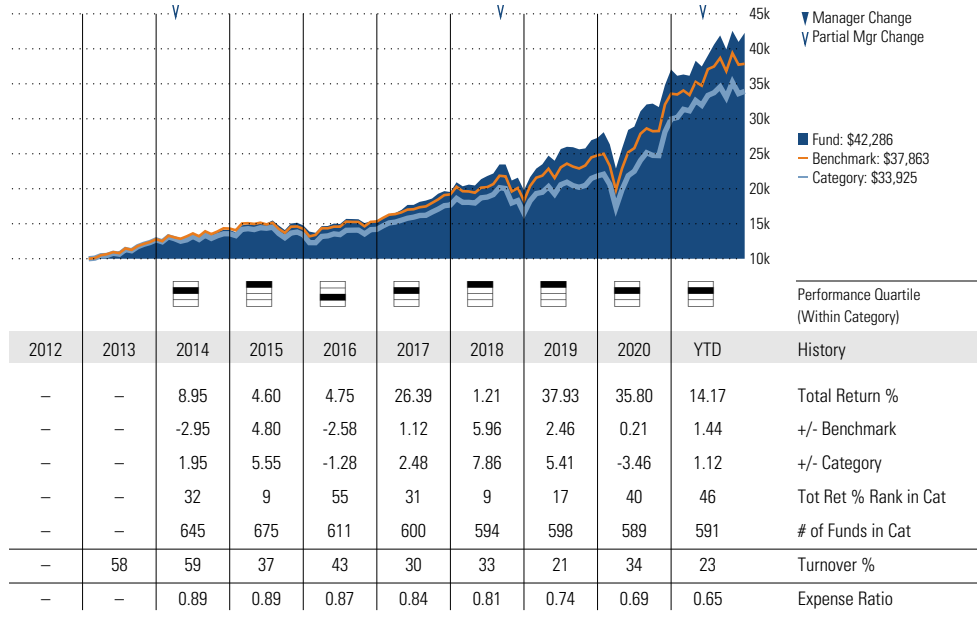
## Morningstar Investment Management LLC Analysis

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.

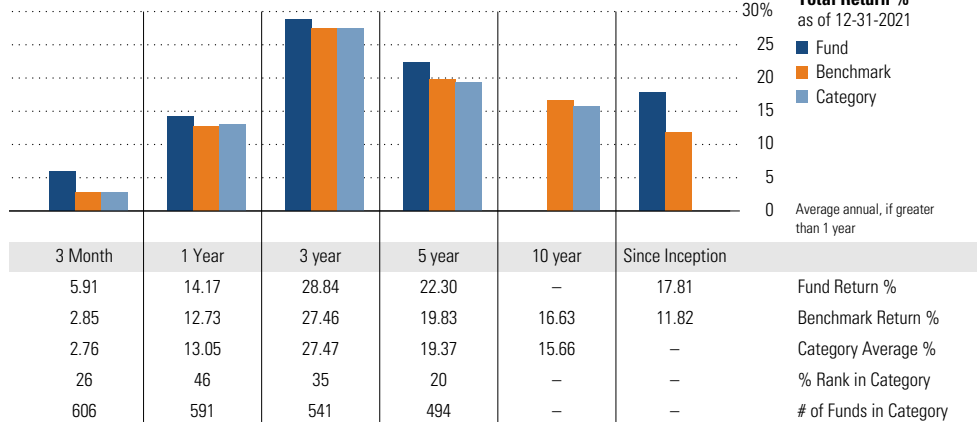
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	12-16-2021
Sustainability Rating	5	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

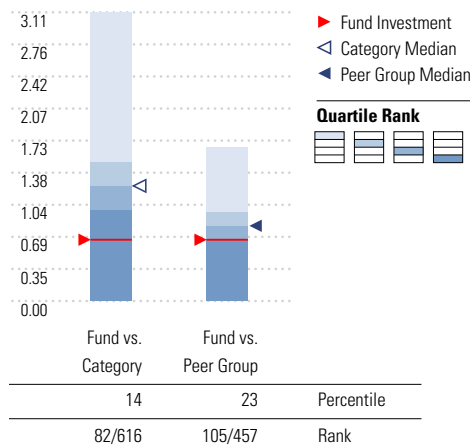
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	4.81	-	1.01
Beta	0.84	-	0.98
R-Squared	93.42	-	89.98
Standard Deviation	17.84	20.47	21.31
Sharpe Ratio	1.47	1.25	1.24
Tracking Error	5.60	-	6.75
Information Ratio	0.25	-	-0.04
Up Capture Ratio	95.47	-	100.42
Down Capture Ratio	82.07	-	99.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	41.60	32.37	34.20
Price/Book Ratio	6.83	9.52	6.68
Geom Avg Mkt Cap \$B	23.89	24.63	20.45
ROE	21.89	19.10	17.03

# MFS Mid Cap Growth R6 OTCKX

Morningstar Category

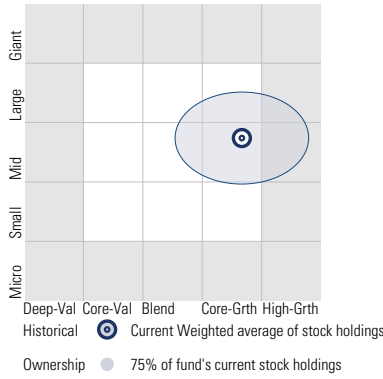
Mid-Cap Growth

Morningstar Index

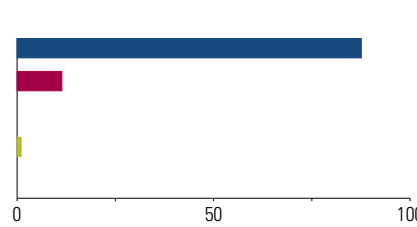
Russell Mid Cap Growth TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Asset Allocation as of 12-31-2021

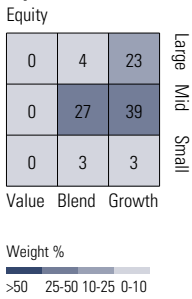


Asset Class	Net %	Cat%
US Stocks	87.59	93.15
Non-US Stocks	11.39	3.77
Bonds	0.00	0.02
Cash	1.02	2.70
Other	0.00	0.35
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>29.47</b>	<b>25.38</b>	<b>28.86</b>			
Basic Materials	2.38	1.85	2.14			
Consumer Cyclical	15.59	15.81	14.23			
Financial Services	7.90	5.09	9.09			
Real Estate	3.60	2.63	3.40			
<b>Sensitive</b>	<b>49.73</b>	<b>56.04</b>	<b>49.05</b>			
Communication Services	4.90	4.37	4.11			
Energy	0.00	1.58	1.09			
Industrials	16.39	15.18	13.69			
Technology	28.44	34.91	30.16			
<b>Defensive</b>	<b>20.80</b>	<b>18.57</b>	<b>22.09</b>			
Consumer Defensive	0.00	1.87	2.17			
Healthcare	20.80	16.53	19.35			
Utilities	0.00	0.17	0.57			

## Style Breakdown



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ PerkinElmer Inc	3.05	3.05	40.31	Healthcare
⊕ Cadence Design Systems Inc	2.71	5.76	36.59	Technology
⊕ MSCI Inc	2.64	8.40	38.03	Financial Services
⊖ Monolithic Power Systems Inc	2.63	11.03	35.36	Technology
⊕ Charles River Laboratories International Inc	2.28	13.31	50.80	Healthcare
⊕ Steris PLC	2.05	15.35	29.30	Healthcare
⊕ Verisk Analytics Inc	2.01	17.36	10.74	Industrials
⊕ AMETEK Inc	2.00	19.37	22.24	Industrials
⊕ Icon PLC	1.93	21.30	58.84	Healthcare
⊕ Pool Corp	1.86	23.17	52.75	Consumer Cyclical
⊕ Arthur J. Gallagher & Co	1.86	25.02	38.70	Financial Services
⊕ NICE Ltd ADR	1.76	26.78	7.07	Technology
⊕ Entegris Inc	1.74	28.52	44.54	Technology
⊕ Vulcan Materials Co	1.73	30.25	40.96	Basic Materials
⊕ TransUnion	1.72	31.98	19.88	Industrials

Total Holdings 107

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS New Discovery R6 MNDKX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Michael Grossman since 12-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Growth category's top three quartiles in 7 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 years.

✘ **Style:** The fund has landed in its primary style box — Small Growth — 45.71 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.89 is 25.83% lower than the Small Growth category average.

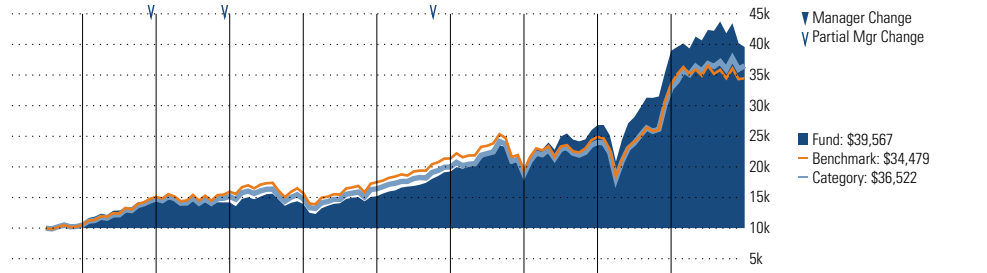
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

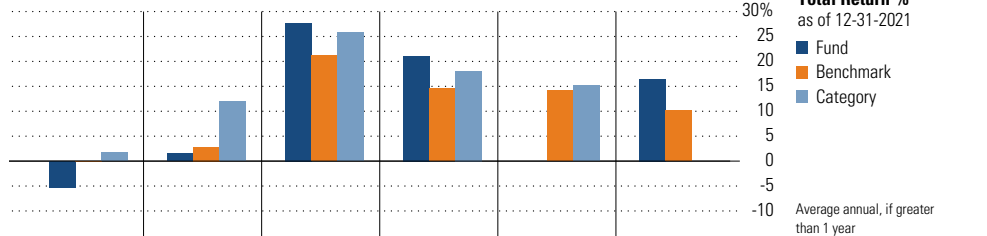
Metric	Rating	Updated
Sustainability Rating	5	11-30-2021

## Growth of \$10,000



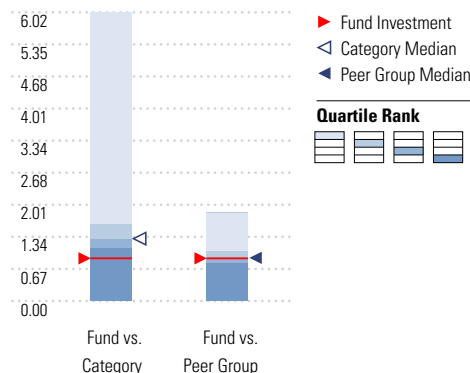
	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	History
Performance Quartile (Within Category)											
Total Return %	-	41.32	-7.15	-1.80	9.01	26.50	-1.29	41.26	45.18	1.58	Total Return %
+/- Benchmark	-	-1.98	-12.75	-0.42	-2.31	4.33	8.02	12.78	10.55	-1.25	+/- Benchmark
+/- Category	-	0.41	-9.59	0.61	-2.19	5.00	4.47	13.58	6.56	-10.31	+/- Category
Tot Ret % Rank in Cat	-	48	95	42	59	22	22	3	30	84	Tot Ret % Rank in Cat
# of Funds in Cat	-	710	665	701	644	650	646	636	627	617	# of Funds in Cat
Turnover %	128	96	98	56	49	53	67	69	64	71	Turnover %
Expense Ratio	-	-	0.91	0.93	0.97	0.97	0.96	0.95	0.92	0.88	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	
Fund Return %	-5.40	1.58	27.72	21.07	-	16.48	Fund Return %
Benchmark Return %	0.01	2.83	21.17	14.53	14.14	10.20	Benchmark Return %
Category Average %	1.74	11.89	25.87	18.09	15.16	-	Category Average %
% Rank in Category	89	84	34	28	-	-	% Rank in Category
# of Funds in Category	626	617	582	520	-	-	# of Funds in Category

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile
Rank	21	44	
Rank	134/630	208/474	

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	6.93	-	4.94
Beta	0.92	-	0.94
R-Squared	92.63	-	89.52
Standard Deviation	22.29	23.40	23.24
Sharpe Ratio	1.18	0.90	1.07
Tracking Error	6.36	-	7.72
Information Ratio	1.03	-	0.57
Up Capture Ratio	101.97	-	101.88
Down Capture Ratio	79.72	-	87.49

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	26.21	22.94	32.03
Price/Book Ratio	4.02	4.80	5.03
Geom Avg Mkt Cap \$B	4.06	3.20	6.12
ROE	3.63	8.90	7.44

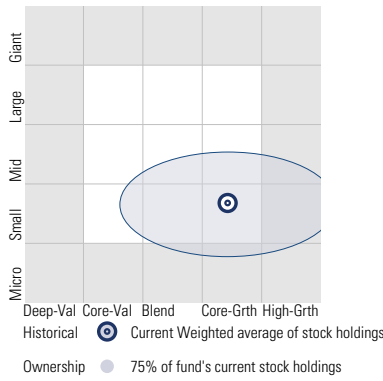
# MFS New Discovery R6 MNDKX

**Morningstar Category**  
Small Growth

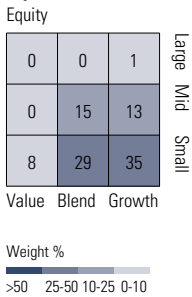
**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 12-31-2021

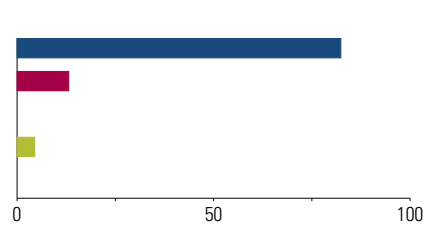
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	82.37	92.78
Non-US Stocks	13.15	4.51
Bonds	0.00	0.00
Cash	4.49	1.82
Other	0.00	0.89
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>28.12</b>	<b>25.45</b>	<b>25.72</b>			
Basic Materials	4.27	3.28	2.47			
Consumer Cyclical	11.78	13.24	12.22			
Financial Services	8.22	5.64	8.42			
Real Estate	3.85	3.29	2.61			
<b>Sensitive</b>	<b>53.43</b>	<b>44.66</b>	<b>46.26</b>			
Communication Services	4.59	3.32	2.51			
Energy	0.00	2.19	1.47			
Industrials	13.85	15.68	16.15			
Technology	34.99	23.47	26.13			
<b>Defensive</b>	<b>18.44</b>	<b>29.90</b>	<b>28.02</b>			
Consumer Defensive	1.87	3.97	3.83			
Healthcare	16.57	25.44	23.54			
Utilities	0.00	0.49	0.65			

## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	4.47	4.47	-	-
Leslies Inc Ordinary Shares	2.11	6.59	-14.74	Consumer Cyclical
The AZEK Co Inc Class A	2.09	8.68	20.26	Industrials
⊖ Rapid7 Inc	2.04	10.72	30.53	Technology
CACI International Inc Class A	2.00	12.72	7.97	Technology
⊖ EVO Payments Inc Class A	1.99	14.71	-5.22	Technology
Stag Industrial Inc	1.85	16.56	57.76	Real Estate
ExlService Holdings Inc	1.76	18.32	70.06	Technology
Q2 Holdings Inc	1.71	20.03	-37.22	Technology
⊕ Hamilton Lane Inc Class A	1.70	21.73	34.51	Financial Services
WNS (Holdings) Ltd ADR	1.67	23.41	22.44	Technology
⊖ Syneos Health Inc Class A	1.61	25.02	50.71	Healthcare
Sensata Technologies Holding PLC	1.58	26.60	16.97	Technology
Axalta Coating Systems Ltd	1.55	28.15	16.01	Basic Materials
⊕ ACV Auctions Inc Ordinary Shares - Class A	1.53	29.68	-	Technology

**Total Holdings 115**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Neuberger Berman Real Estate R6 NRREX

**Morningstar Category**  
Real Estate

**Morningstar Index**  
S&P United States REIT TR USD

## Portfolio Manager(s)

Steve Shigekawa since 12-2005

Brian Jones since 10-2008

## Quantitative Screens

✔ **Performance:** The fund has finished in the Real Estate category's top three quartiles in 6 of the 8 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 — Mid-Cap Blend — 47.06 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.75 is 29.25% lower than the Real Estate category average.

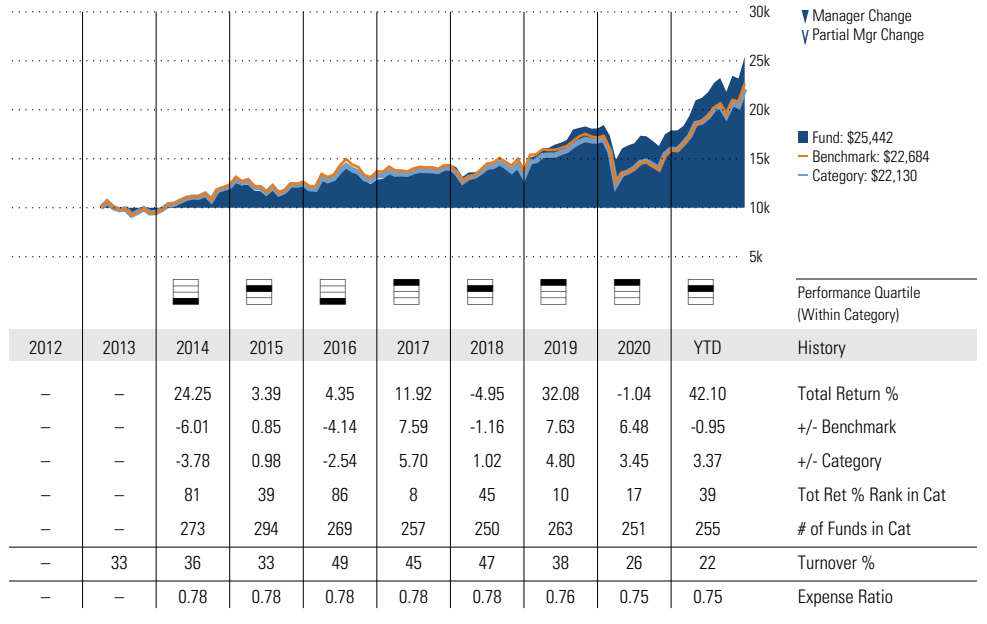
## Morningstar Investment Management LLC Analysis

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

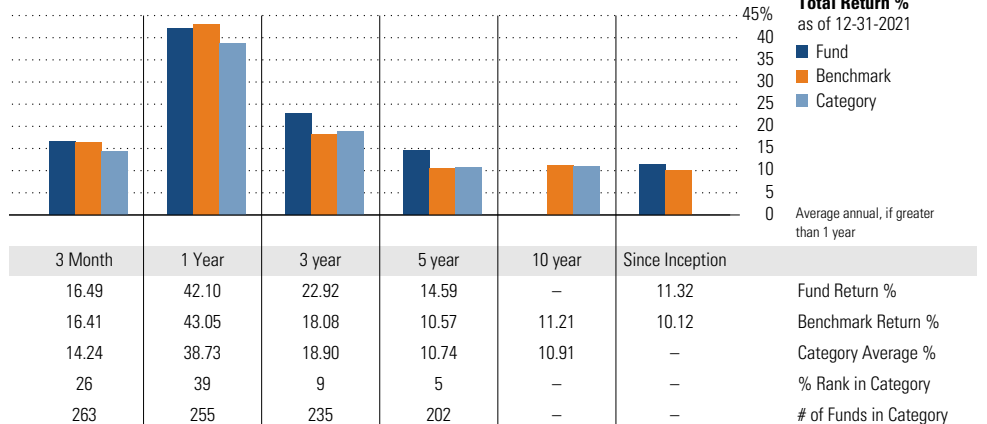
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

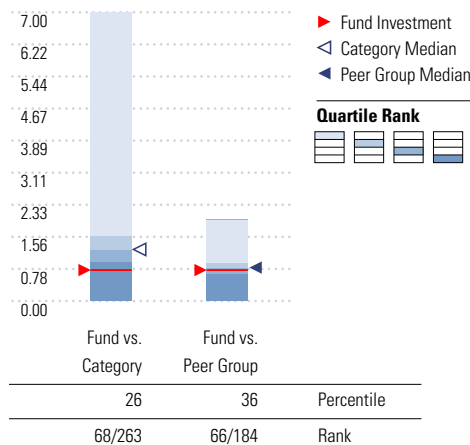
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	7.23	–	2.48
Beta	0.79	–	0.92
R-Squared	92.44	–	93.00
Standard Deviation	16.45	19.89	19.01
Sharpe Ratio	1.29	0.90	1.02
Tracking Error	6.09	–	5.07
Information Ratio	0.80	–	0.42
Up Capture Ratio	100.44	–	98.38
Down Capture Ratio	75.83	–	90.01

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	38.99	38.46	37.45
Price/Book Ratio	3.95	2.42	3.24
Geom Avg Mkt Cap \$B	37.87	9.35	29.84
ROE	17.14	9.56	15.04

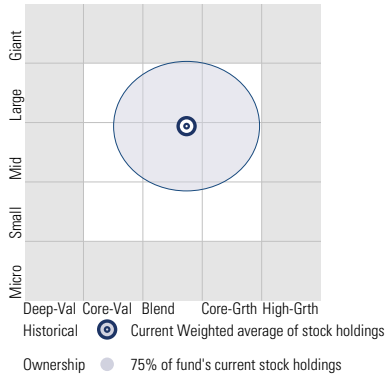
# Neuberger Berman Real Estate R6 NRREX

**Morningstar Category**  
Real Estate

**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 12-31-2021

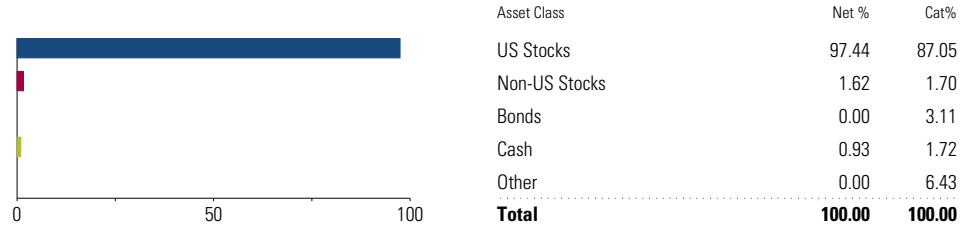
Morningstar Style Box™



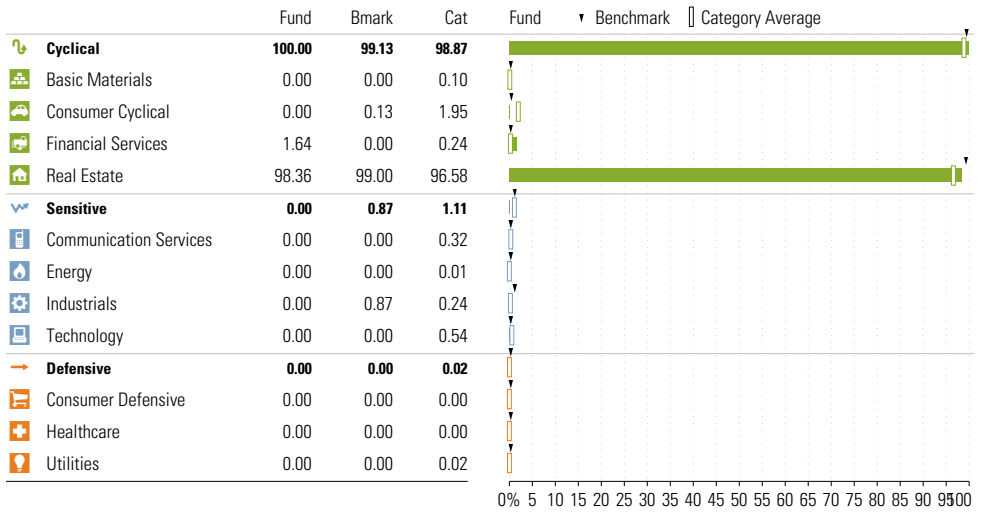
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Prologis Inc	9.38	9.38	71.46	Real Estate
⊕ American Tower Corp	9.04	18.42	32.63	Real Estate
⊕ Crown Castle International Corp	6.53	24.95	34.56	Real Estate
⊕ Public Storage	5.60	30.55	65.66	Real Estate
⊕ Equinix Inc	5.14	35.69	20.04	Real Estate
⊕ Simon Property Group Inc	4.75	40.44	94.21	Real Estate
⊕ Equity Residential	4.58	45.03	56.73	Real Estate
⊕ Welltower Inc	3.84	48.86	36.51	Real Estate
⊕ Essex Property Trust Inc	3.55	52.41	51.88	Real Estate
⊕ SBA Communications Corp	2.84	55.26	38.71	Real Estate
⊕ Extra Space Storage Inc	2.82	58.08	99.58	Real Estate
⊕ Weyerhaeuser Co	2.80	60.88	26.33	Real Estate
⊕ Digital Realty Trust Inc	2.74	63.61	30.11	Real Estate
⊕ Sun Communities Inc	2.56	66.17	40.37	Real Estate
⊕ Equity Lifestyle Properties Inc	2.52	68.69	40.64	Real Estate

**Total Holdings 36**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.82 is 22.64% lower than the Commodities Broad Basket category average.

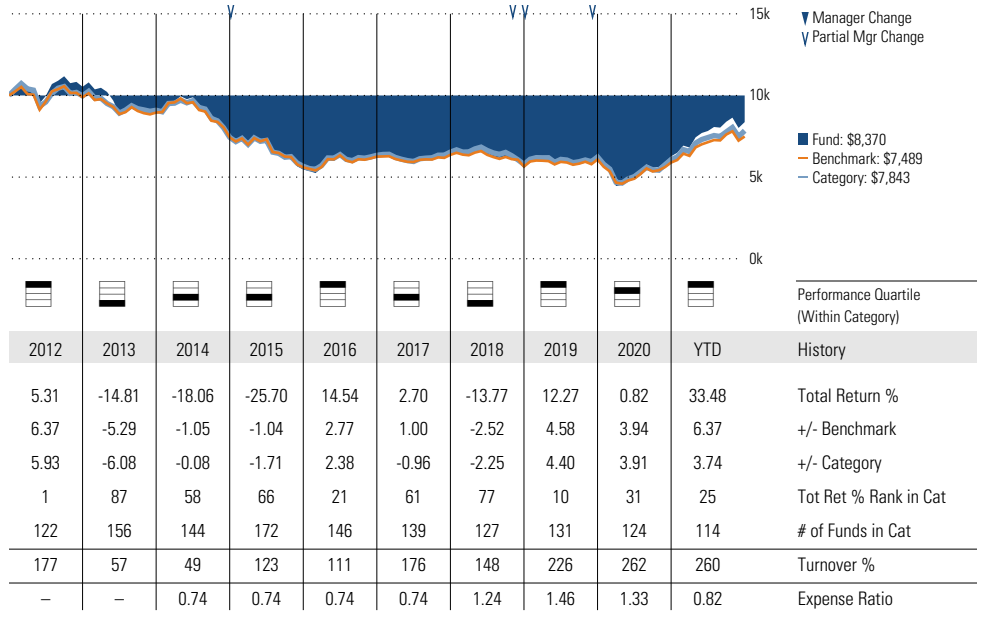
## Morningstar Investment Management LLC Analysis

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

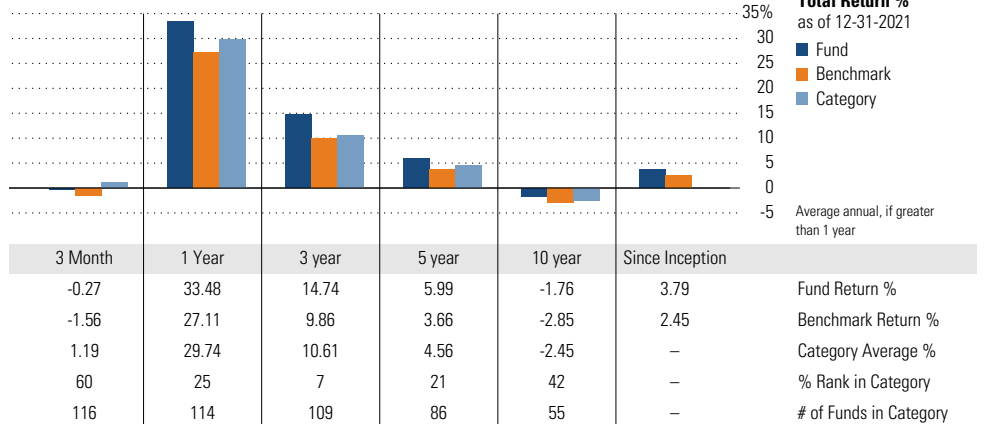
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

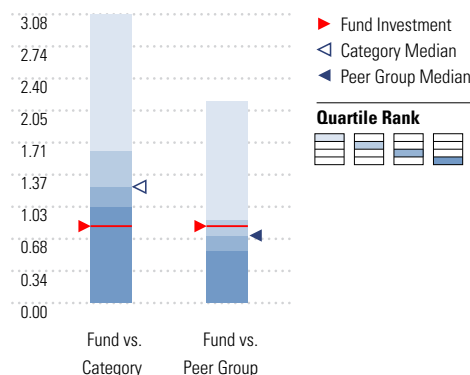
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.98	-	0.78
Beta	1.19	-	1.09
R-Squared	96.65	-	85.54
Standard Deviation	18.67	15.46	18.55
Sharpe Ratio	0.79	0.63	0.64
Tracking Error	4.48	-	7.33
Information Ratio	1.09	-	0.31
Up Capture Ratio	121.02	-	109.45
Down Capture Ratio	106.31	-	107.62

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	14.38
Price/Book Ratio	1.51	-	1.78
Geom Avg Mkt Cap \$B	20.09	-	30.14
ROE	16.78	-	12.41

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

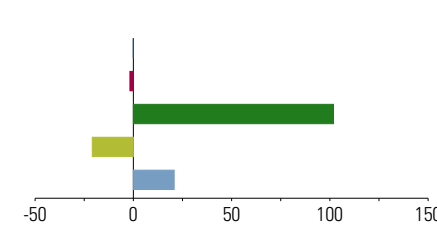
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™

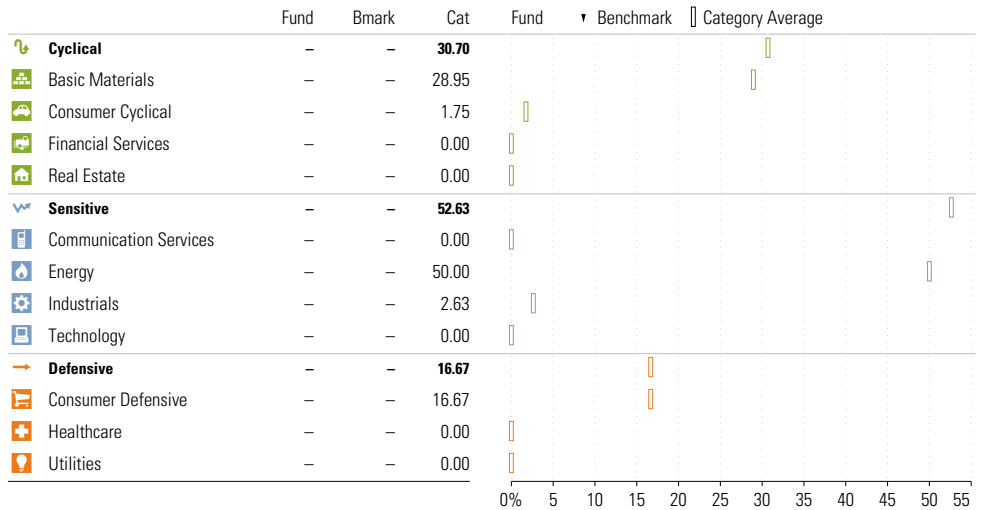


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	0.01	2.20
Non-US Stocks	-1.75	0.58
Bonds	101.86	27.73
Cash	-20.89	64.46
Other	20.77	5.02
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Style Breakdown



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Pimco Cayman Cmnty Fd Ltd Instl	19.96	19.96	-	-
⊖ Euro Schatz Future Dec 21	17.46	37.42	-	-
⊕ 5 Year Treasury Note Future Dec 21	16.15	53.57	-	-
✳ Cash Offset	13.40	66.97	-	-
⊕ United States Treasury Notes 0.125%	13.36	80.33	-	-
⊕ 2 Year Treasury Note Future Dec 21	10.05	90.38	-	-
⊖ EUROPEAN MONETARY UNION EURO Sold	8.23	98.62	-	-
⊖ EUROPEAN MONETARY UNION EURO Purchased	8.23	106.85	-	-
⊕ United States Treasury Notes 0.125%	8.20	115.05	-	-
⊕ United States Treasury Notes 0.125%	7.81	122.86	-	-
⊕ United States Treasury Notes 0.625%	7.78	130.64	-	-
⊖ U S TIPS REV REPO	7.50	138.14	-	-
⊖ U S TIPS REV REPO	7.08	145.22	-	-
⊕ United States Treasury Notes 0.125%	6.35	151.57	-	-
⊖ U S TIPS REV REPO	5.83	157.39	-	-

**Total Holdings 768**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## 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 14.77 years.

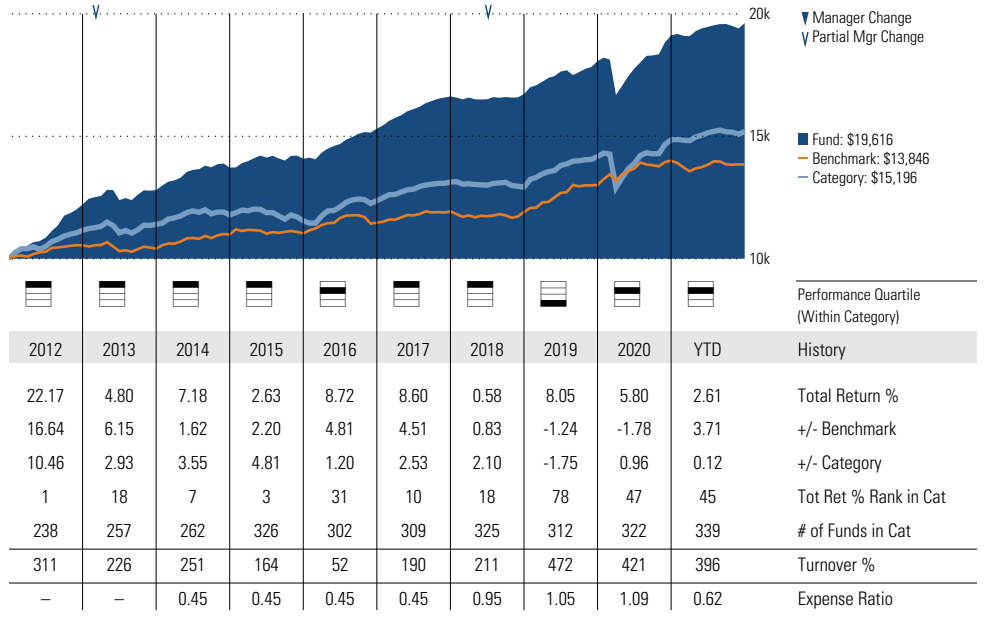
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.62 is 37.37% lower than the Multisector Bond category average.

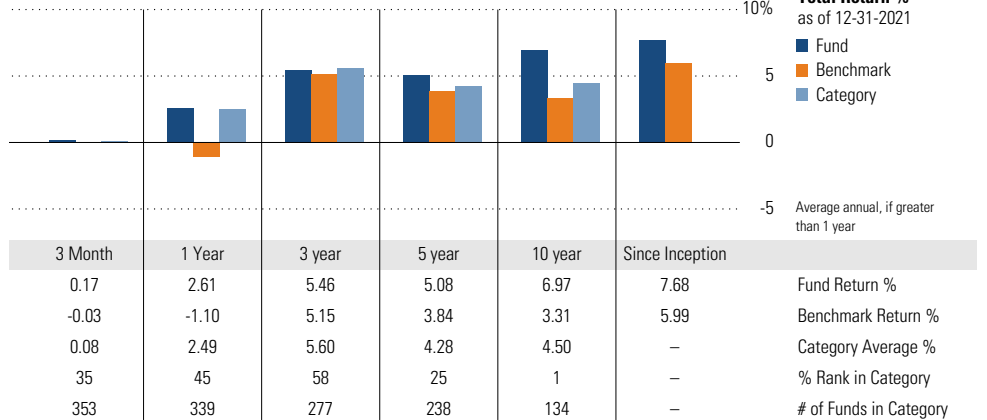
## Morningstar Investment Management LLC Analysis

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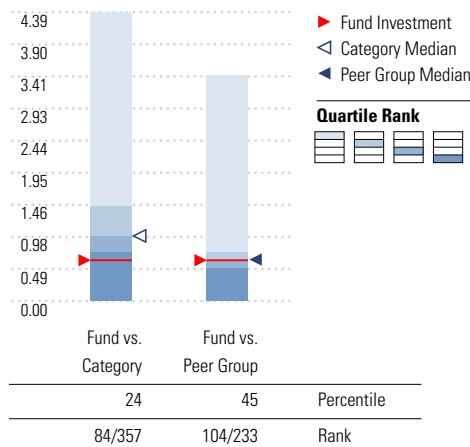
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.33	-	-0.62
Beta	0.82	-	1.30
R-Squared	24.18	-	36.86
Standard Deviation	5.79	3.48	7.81
Sharpe Ratio	0.80	1.25	0.74
Tracking Error	5.08	-	6.45
Information Ratio	0.06	-	0.14
Up Capture Ratio	90.03	-	117.35
Down Capture Ratio	59.45	-	129.26

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	1.74	4.55	3.70
Avg Eff Maturity	2.61	7.69	5.65

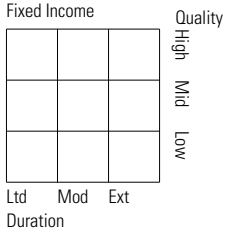
# PIMCO Income Instl PIMIX

**Morningstar Category**  
Multisector Bond

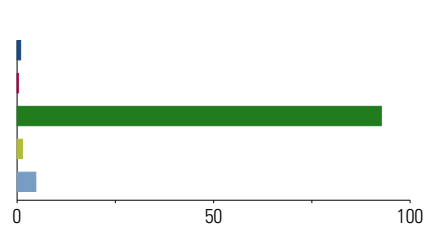
**Morningstar Index**  
BBgBarc US Universal TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

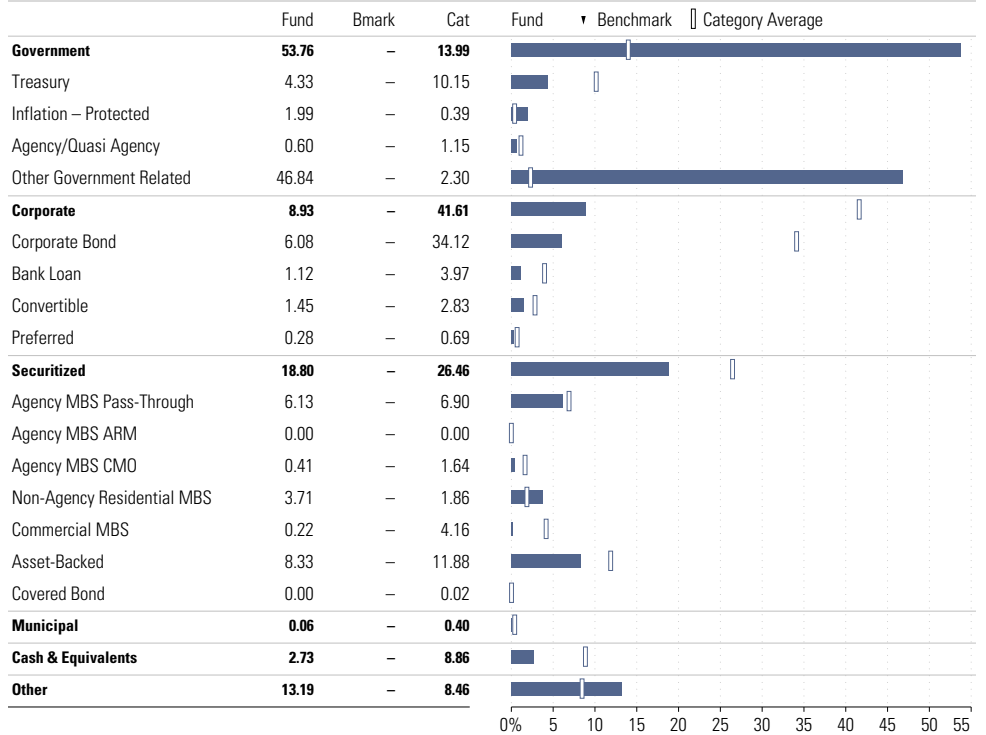


Asset Class	Net %	Cat%
US Stocks	0.90	1.82
Non-US Stocks	0.31	0.08
Bonds	92.67	94.74
Cash	1.34	-0.99
Other	4.77	4.37
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	56.00	67.64	21.31
AA	7.00	3.23	3.72
A	4.00	10.03	6.97
BBB	14.00	10.89	21.79
BB	6.00	3.19	19.68
B	7.00	3.64	14.96
Below B	6.00	1.38	5.48
Not Rated	0.00	0.00	6.08

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Irs Eur -0.33000 03/18/20-2Y Lch Receive	03-2022	13.29	13.29	-
⊖ Irs Eur -0.33000 03/18/20-2Y Lch Pay	03-2022	13.28	26.57	-
⊖ 10 Year Treasury Note Future Dec 21	12-2021	11.86	38.43	-
⊕ ZCS BRL 4.9 05/13/21-01/03/22 CME Pay	01-2022	8.45	46.88	-
⊕ ZCS BRL 4.9 05/13/21-01/03/22 CME Receive	01-2022	8.42	55.30	-
⊖ BRITISH POUND STERLING Sold	11-2021	7.99	63.29	-
⊖ BRITISH POUND STERLING Purchased	11-2021	7.99	71.28	-
⊕ IRS USD 0.50000 06/16/21-5Y CME Pay	06-2026	7.12	78.40	-
⊖ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	7.06	85.46	-
⊖ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	7.05	92.51	-

**Total Holdings 7951**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# PIMCO Short-Term Instl PTSHX

**Morningstar Category**  
Ultrashort Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.01 years.

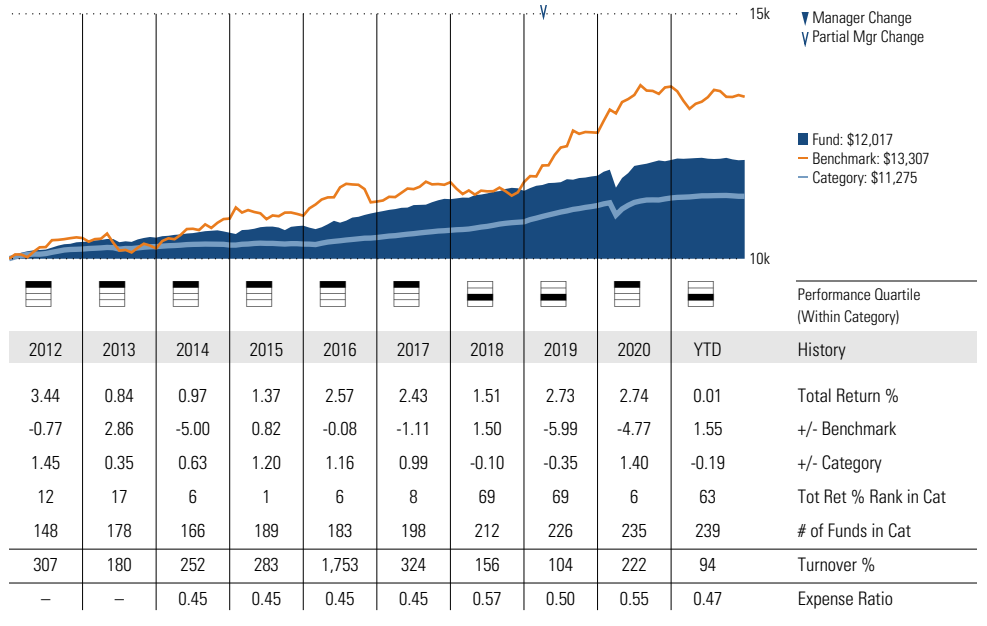
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.47 is 6.82% higher than the Ultrashort Bond category average.

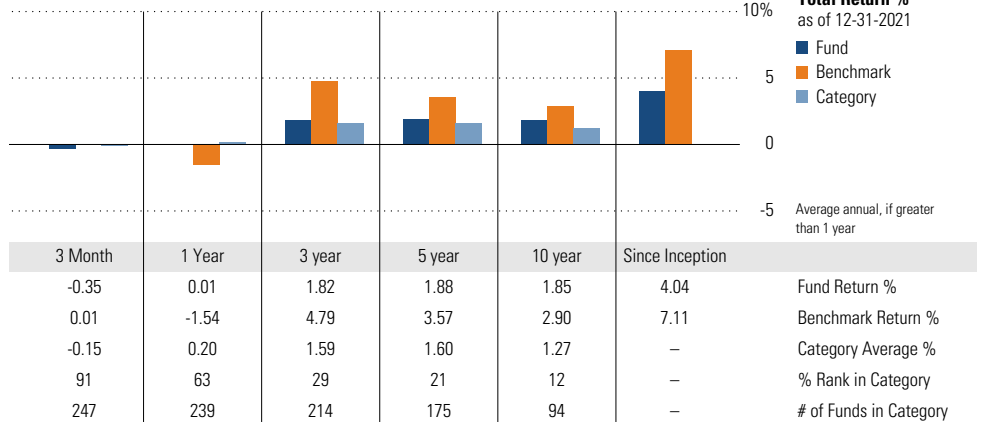
## Morningstar Investment Management LLC Analysis

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.

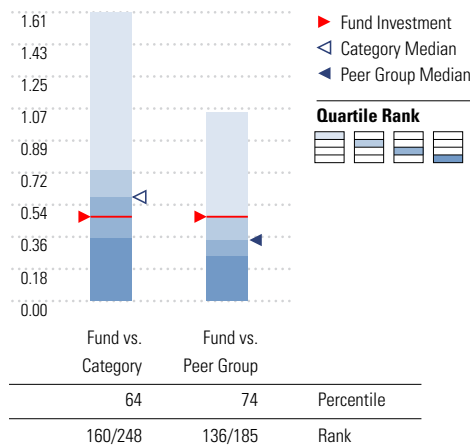
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.97	-	0.69
Beta	0.18	-	0.18
R-Squared	6.76	-	15.42
Standard Deviation	2.36	3.40	1.81
Sharpe Ratio	0.42	1.18	0.41
Tracking Error	3.60	-	3.44
Information Ratio	-0.83	-	-0.99
Up Capture Ratio	30.44	-	26.44
Down Capture Ratio	15.51	-	16.05

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.26	4.43	0.59
Avg Eff Maturity	0.09	-	2.49

# PIMCO Short-Term Instl PTSHX

**Morningstar Category**  
Ultrashort Bond

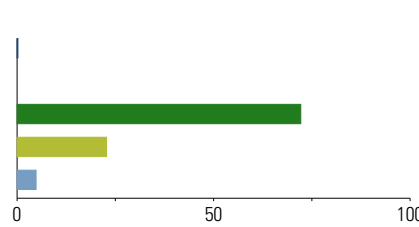
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 12-31-2021

### Style Breakdown



## Asset Allocation as of 12-31-2021

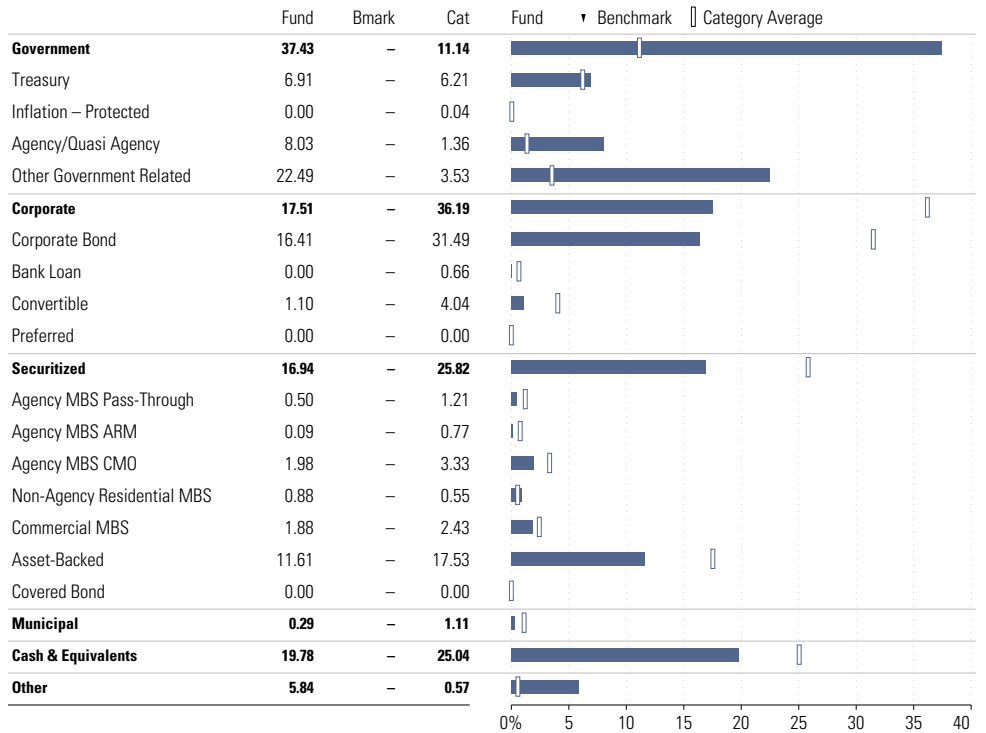


Asset Class	Net %	Cat%
US Stocks	0.21	0.00
Non-US Stocks	0.00	0.00
Bonds	72.18	71.19
Cash	22.76	24.31
Other	4.83	4.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	28.00	3.53	42.54
AA	9.00	74.59	5.49
A	29.00	10.82	15.78
BBB	25.00	8.32	21.73
BB	7.00	0.28	1.74
B	2.00	0.00	1.81
Below B	0.00	0.00	0.46
Not Rated	0.00	2.46	10.45

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ 5 Year Treasury Note Future Dec 21	01-2022	20.64	20.64	-
⊕ 3 Month Canadian Bankers' Acceptance Future Dec 22	12-2022	19.88	40.52	-
⊖ Pimco Fds	01-2022	16.42	56.93	-
⊖ 2 Year Treasury Note Future Dec 21	01-2022	15.52	72.45	-
✱ Cash Offset	-	14.12	86.58	-
⊕ United States Treasury Notes 0.375%	09-2024	10.89	97.47	-
⊕ 3 Month Canadian Bankers' Acceptance Future Mar 23	03-2023	9.47	106.94	-
✱ Offset: Unsettled Trades	-	5.69	112.63	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	4.75	117.38	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	4.74	122.12	-

**Total Holdings 1238**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# T. Rowe Price Retirement I 2015 I TRFGX

**Morningstar Category**  
Target-Date 2015

**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.36 is 38.98% lower than the Target-Date 2015 category average.

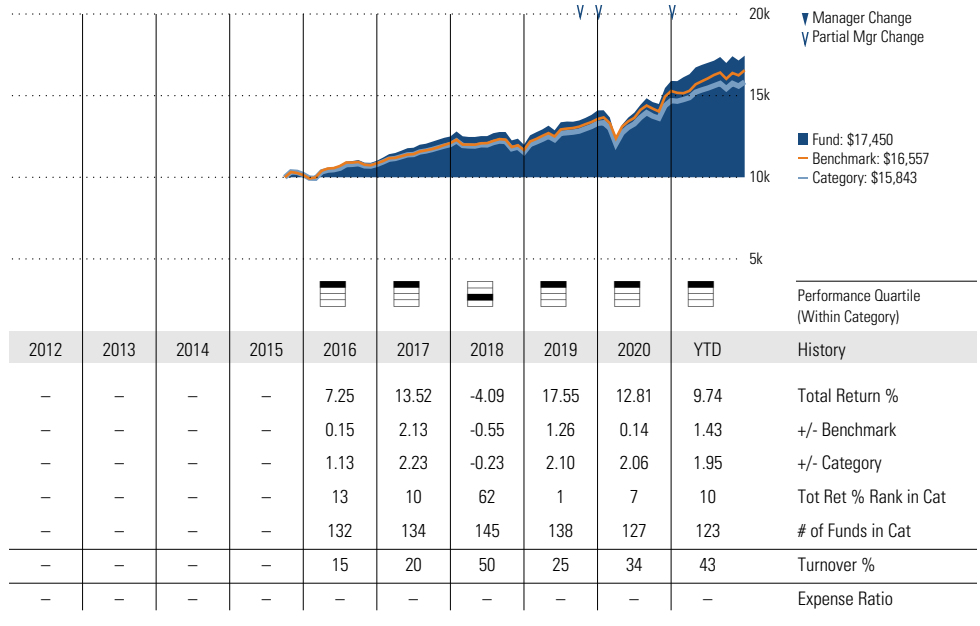
## Morningstar Investment Management LLC Analysis

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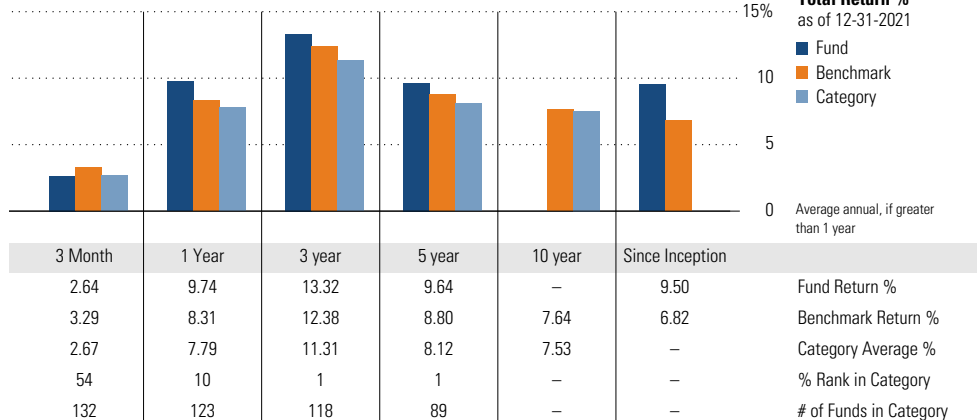
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021

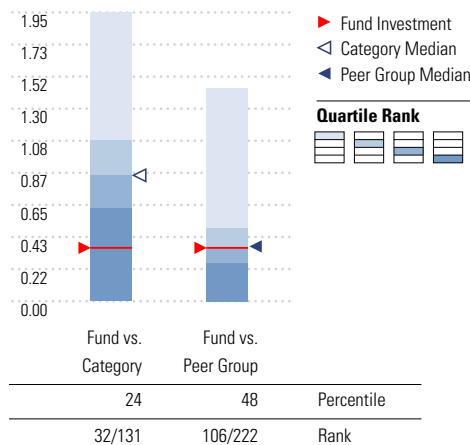
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.05	-	-0.79
Beta	1.17	-	0.97
R-Squared	95.96	-	96.08
Standard Deviation	9.97	8.35	8.30
Sharpe Ratio	1.22	1.34	1.22
Tracking Error	2.45	-	1.79
Information Ratio	0.39	-	-0.66
Up Capture Ratio	108.55	-	92.30
Down Capture Ratio	110.76	-	95.84

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.31	19.62	19.64
Price/Book Ratio	2.84	2.77	2.83
Avg Eff Duration	5.43	7.78	5.27

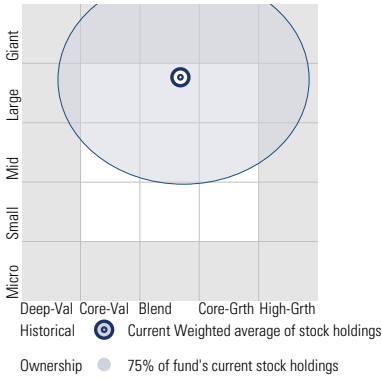
# T. Rowe Price Retirement I 2015 I TRFGX

**Morningstar Category**  
Target-Date 2015

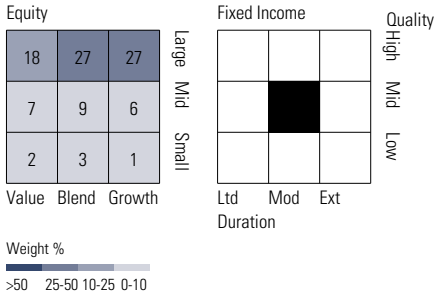
**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

## Style Analysis as of 12-31-2021

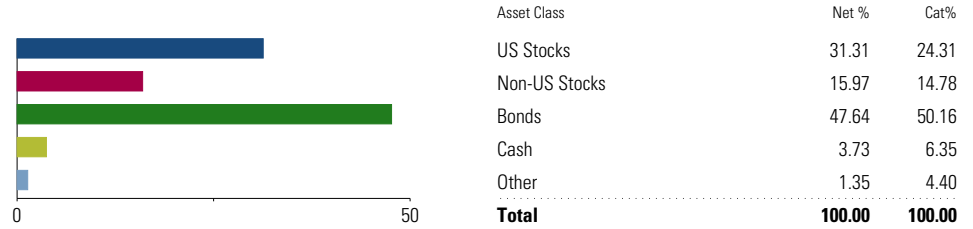
Morningstar Style Box™



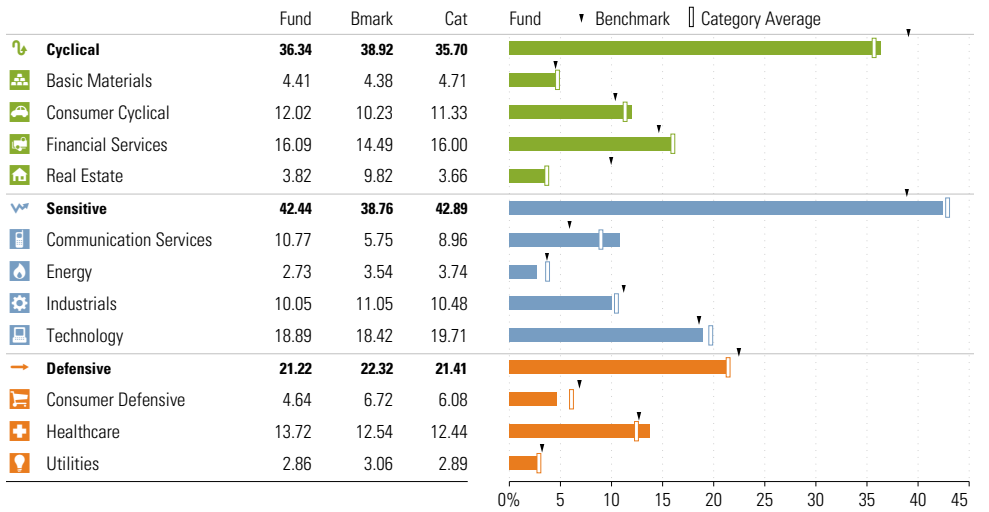
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price New Income Z	—	15.25	15.25	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	13.14	28.39	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	9.01	37.40	—	—
⊕ T. Rowe Price Value Z	—	8.53	45.93	—	—
⊕ T. Rowe Price Growth Stock Z	—	7.12	53.06	—	—
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	—	5.18	58.24	—	—
⊕ T. Rowe Price International Value Eq Z	—	3.98	62.22	—	—
⊕ T. Rowe Price Overseas Stock Z	—	3.78	65.99	—	—
⊕ T. Rowe Price Dynamic Global Bond Z	—	3.62	69.62	—	—
⊕ T. Rowe Price Emerging Markets Bond Z	—	3.54	73.16	—	—

## Total Holdings 26

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2020 I TRBRX

**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.37 is 41.27% lower than the Target-Date 2020 category average.

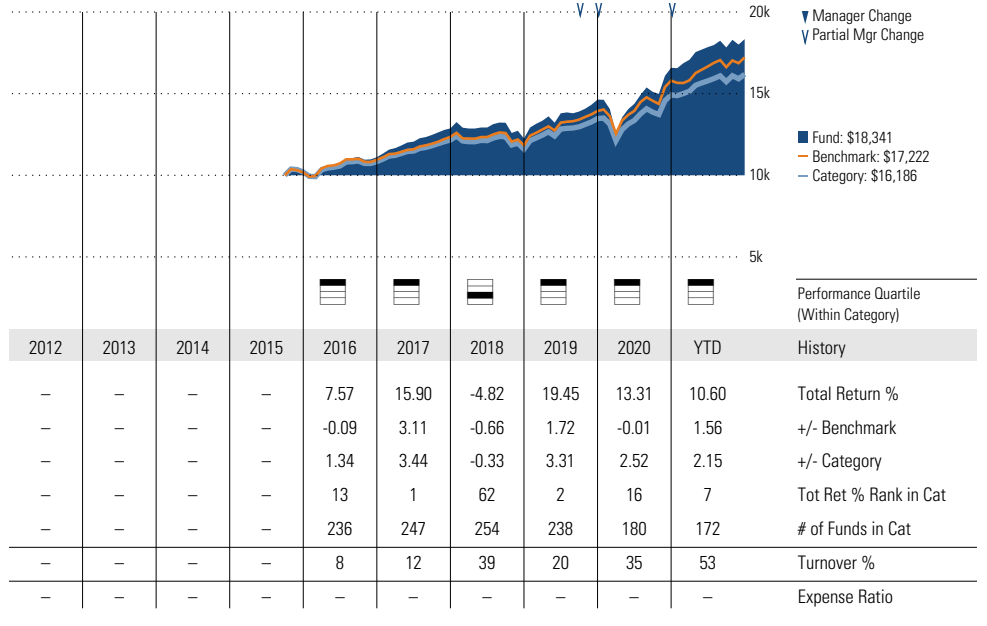
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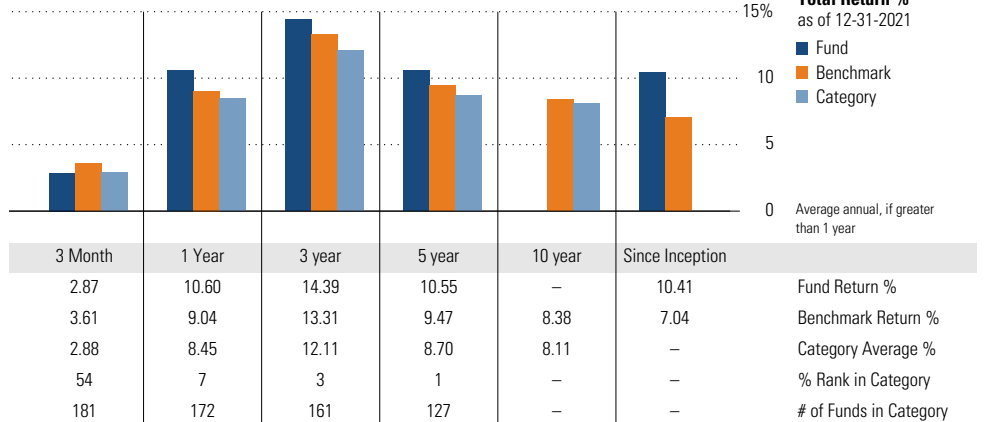
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021

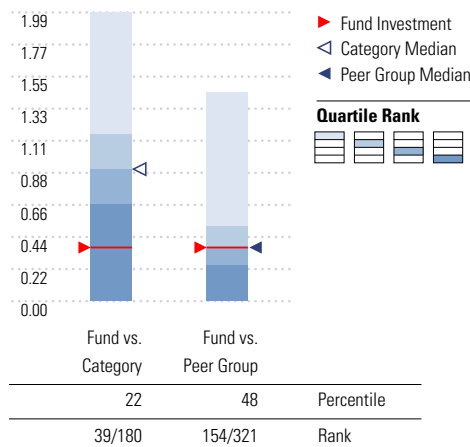
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.15	-	-0.60
Beta	1.18	-	0.95
R-Squared	95.84	-	96.07
Standard Deviation	11.15	9.27	8.94
Sharpe Ratio	1.19	1.31	1.21
Tracking Error	2.81	-	2.00
Information Ratio	0.39	-	-0.72
Up Capture Ratio	109.39	-	91.08
Down Capture Ratio	112.20	-	93.59

## Portfolio Metrics

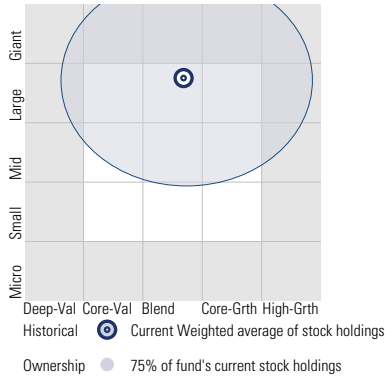
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.34	19.42	20.30
Price/Book Ratio	2.85	2.74	2.89
Avg Eff Duration	5.49	8.67	4.93

# T. Rowe Price Retirement I 2020 I TRBRX

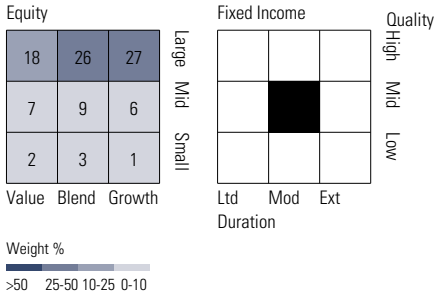
**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

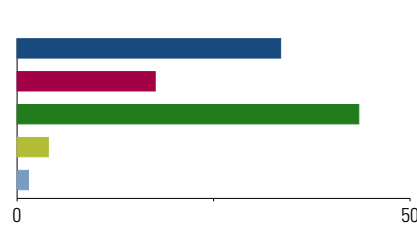
**Style Analysis** as of 12-31-2021  
Morningstar Style Box™



**Style Breakdown**

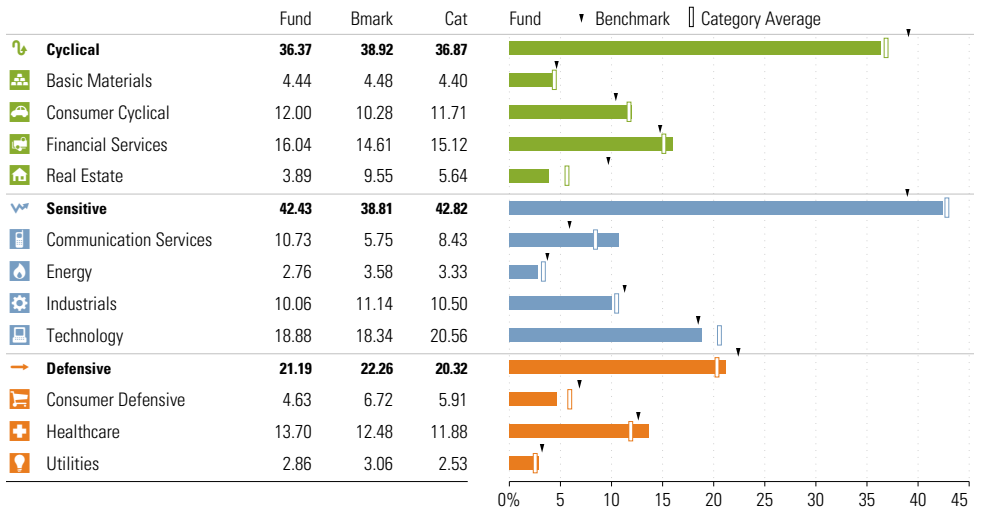


**Asset Allocation** as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	33.53	26.50
Non-US Stocks	17.57	15.01
Bonds	43.47	46.34
Cash	3.97	3.99
Other	1.45	8.18
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price New Income Z	—	14.45	14.45	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	11.03	25.47	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	10.20	35.67	—	—
⊕ T. Rowe Price Value Z	—	9.32	44.99	—	—
⊕ T. Rowe Price Growth Stock Z	—	7.94	52.93	—	—
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.80	57.73	—	—
⊕ T. Rowe Price International Value Eq Z	—	4.34	62.07	—	—
⊕ T. Rowe Price Overseas Stock Z	—	4.21	66.28	—	—
⊕ T. Rowe Price International Stock Z	—	3.61	69.88	—	—
⊕ T. Rowe Price Dynamic Global Bond Z	—	3.43	73.31	—	—

**Total Holdings 28**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2025 I TRPHX

**Morningstar Category**  
Target-Date 2025

**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 81.82 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 41.79% lower than the Target-Date 2025 category average.

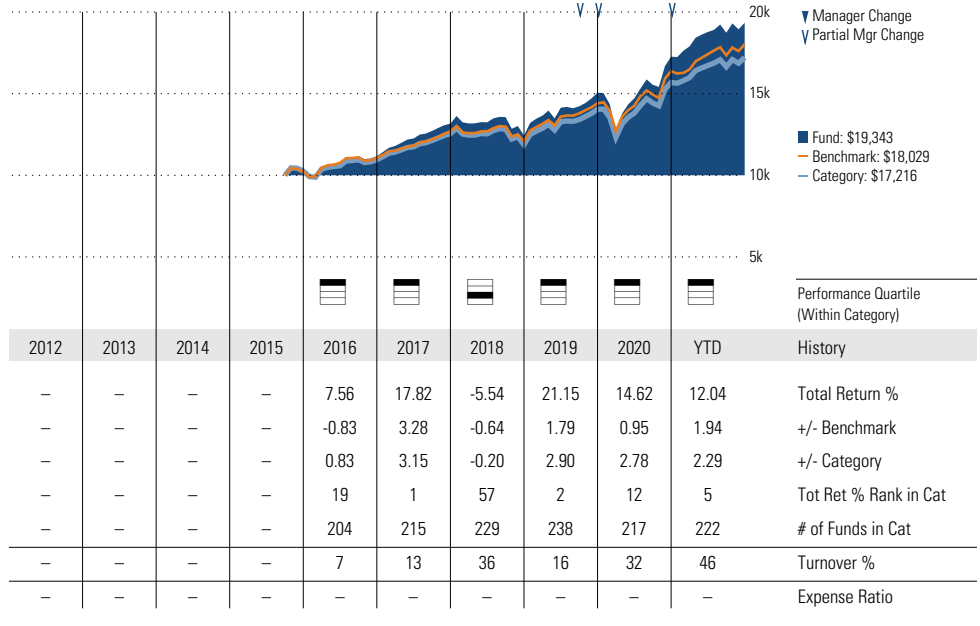
## Morningstar Investment Management LLC Analysis

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.

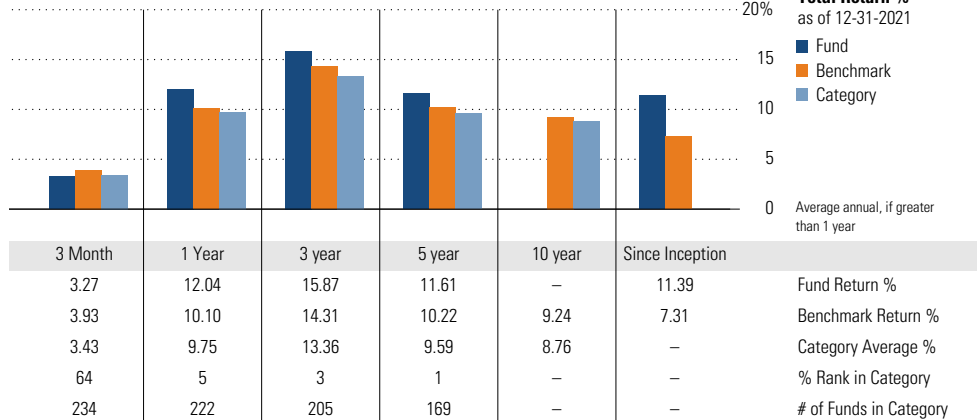
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	12-31-2020

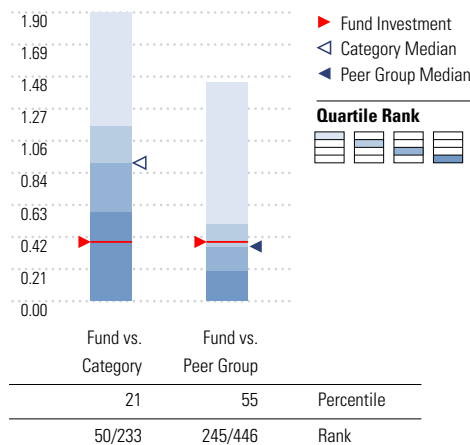
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.83	-	-0.47
Beta	1.17	-	0.96
R-Squared	96.68	-	97.00
Standard Deviation	12.47	10.45	10.15
Sharpe Ratio	1.18	1.26	1.19
Tracking Error	2.91	-	2.02
Information Ratio	0.54	-	-0.52
Up Capture Ratio	114.72	-	94.83
Down Capture Ratio	121.61	-	99.16

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.31	19.21	20.36
Price/Book Ratio	2.84	2.70	2.91
Avg Eff Duration	5.85	9.42	6.67

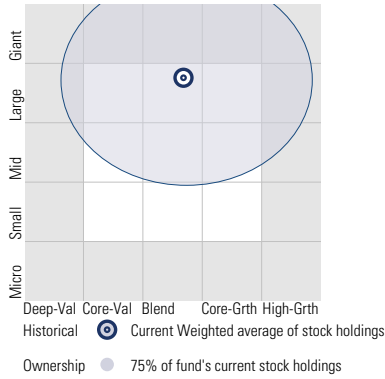
# T. Rowe Price Retirement I 2025 I TRPHX

**Morningstar Category**  
Target-Date 2025

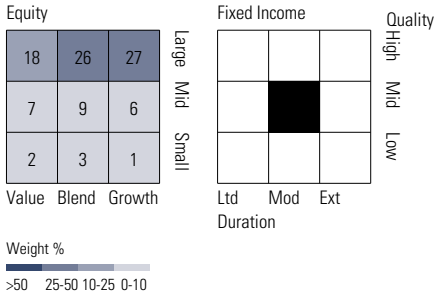
**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 12-31-2021

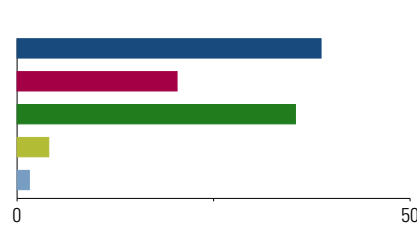
Morningstar Style Box™



## Style Breakdown

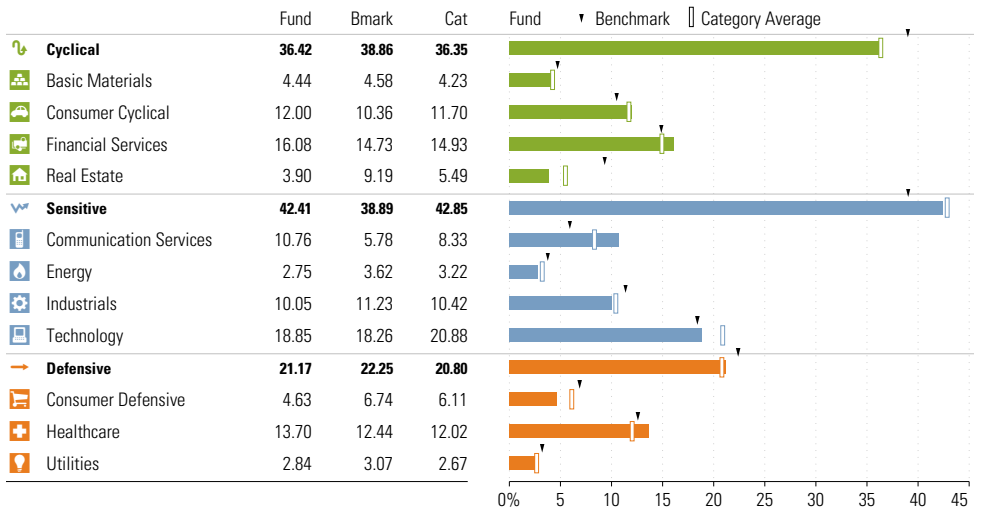


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	38.67	30.83
Non-US Stocks	20.35	16.49
Bonds	35.41	38.05
Cash	4.03	3.69
Other	1.56	10.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price New Income Z	—	12.67	12.67	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	11.56	24.23	—	—
⊕ T. Rowe Price Value Z	—	10.81	35.05	—	—
⊕ T. Rowe Price Growth Stock Z	—	9.22	44.27	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	7.11	51.38	—	—
⊕ T. Rowe Price International Value Eq Z	—	5.05	56.43	—	—
⊕ T. Rowe Price Overseas Stock Z	—	4.85	61.28	—	—
⊕ T. Rowe Price International Stock Z	—	4.22	65.50	—	—
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.17	69.67	—	—
⊕ T. Rowe Price Dynamic Global Bond Z	—	2.99	72.66	—	—

## Total Holdings 28

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2030 I TRPCX

**Morningstar Category**  
Target-Date 2030

**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.41 is 40.58% lower than the Target-Date 2030 category average.

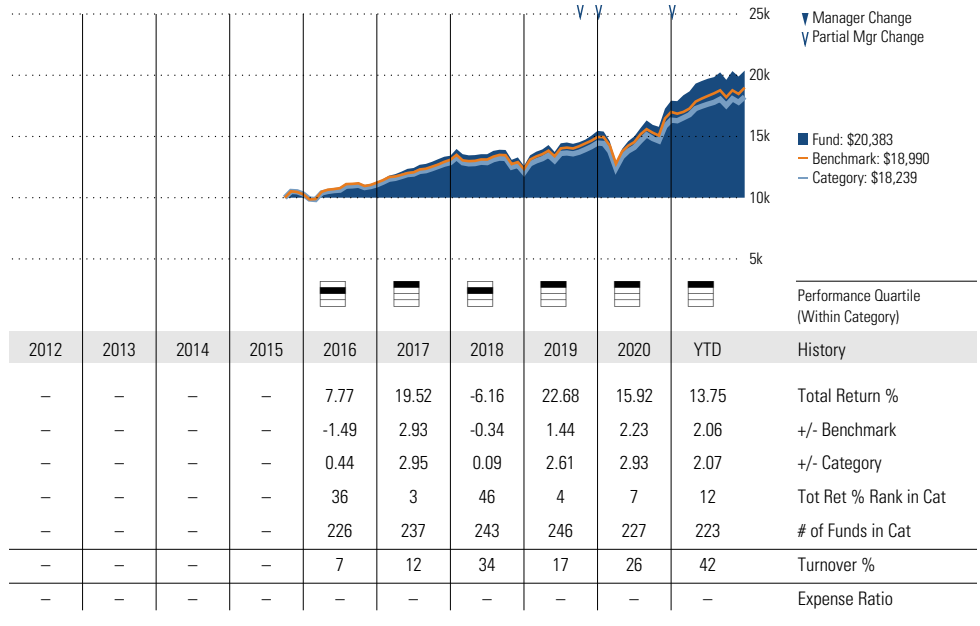
## Morningstar Investment Management LLC Analysis

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.

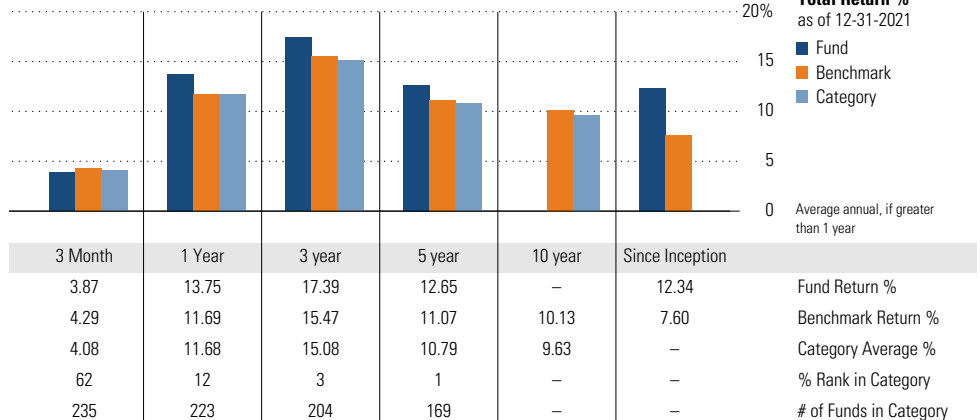
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

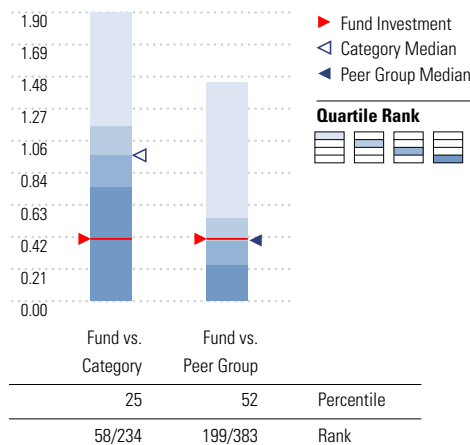
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.06	-	-0.09
Beta	1.13	-	0.97
R-Squared	98.01	-	98.04
Standard Deviation	13.74	12.05	11.82
Sharpe Ratio	1.18	1.19	1.17
Tracking Error	2.48	-	1.88
Information Ratio	0.77	-	-0.24
Up Capture Ratio	112.87	-	97.95
Down Capture Ratio	114.29	-	100.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.36	19.00	20.41
Price/Book Ratio	2.85	2.66	2.97
Avg Eff Duration	6.56	10.06	6.72

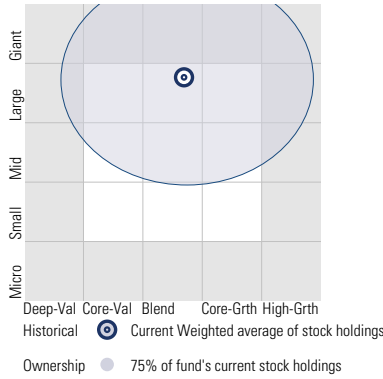
# T. Rowe Price Retirement I 2030 I TRPCX

**Morningstar Category**  
Target-Date 2030

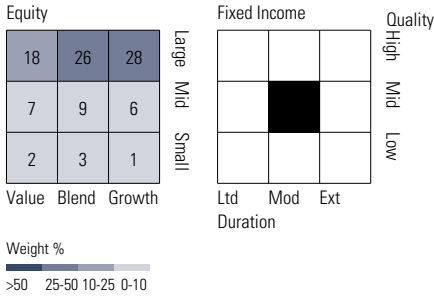
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 12-31-2021

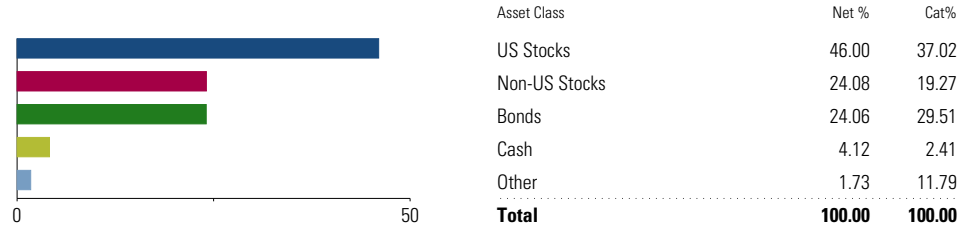
Morningstar Style Box™



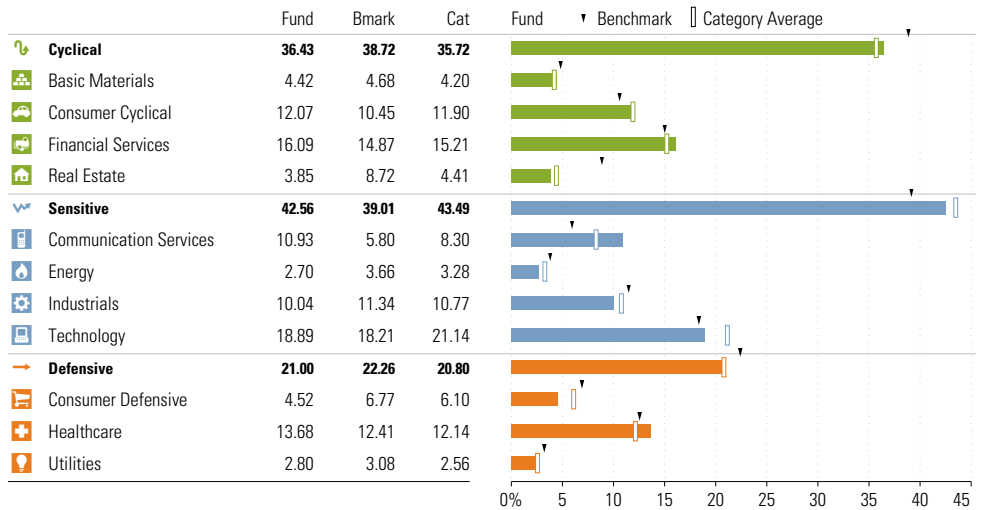
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	-	13.34	13.34	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	12.47	25.81	-	-
⊕ T. Rowe Price Growth Stock Z	-	11.65	37.46	-	-
⊕ T. Rowe Price New Income Z	-	9.75	47.22	-	-
⊕ T. Rowe Price International Value Eq Z	-	5.98	53.20	-	-
⊕ T. Rowe Price Overseas Stock Z	-	5.73	58.93	-	-
⊕ T. Rowe Price International Stock Z	-	4.99	63.91	-	-
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	-	3.16	67.07	-	-
⊕ T. Rowe Price Mid-Cap Value Z	-	2.91	69.98	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	2.72	72.70	-	-

## Total Holdings 29

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# T. Rowe Price Retirement I 2035 I TRPJX

**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.42 is 40% lower than the Target-Date 2035 category average.

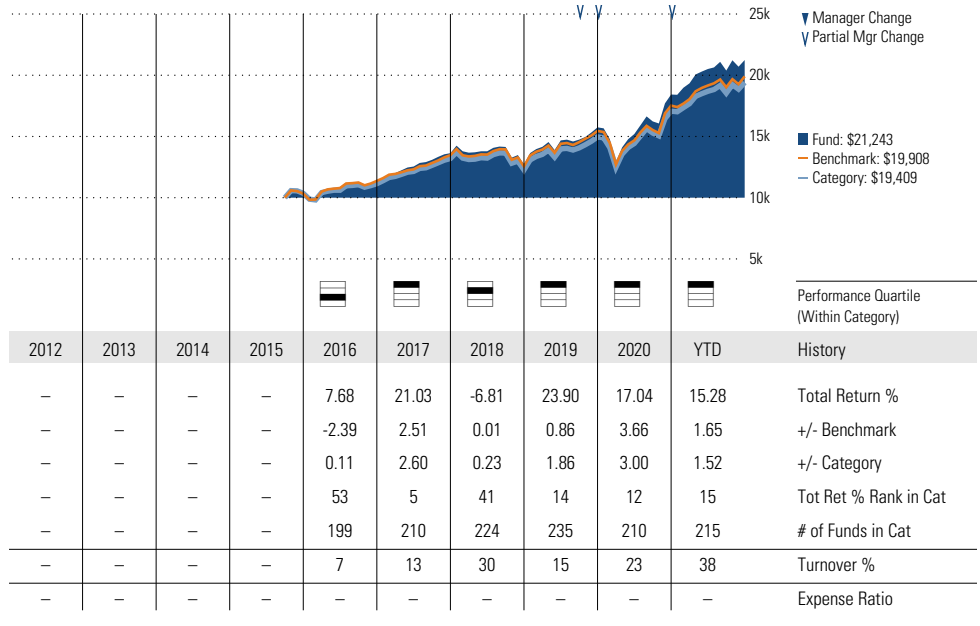
## Morningstar Investment Management LLC Analysis

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.

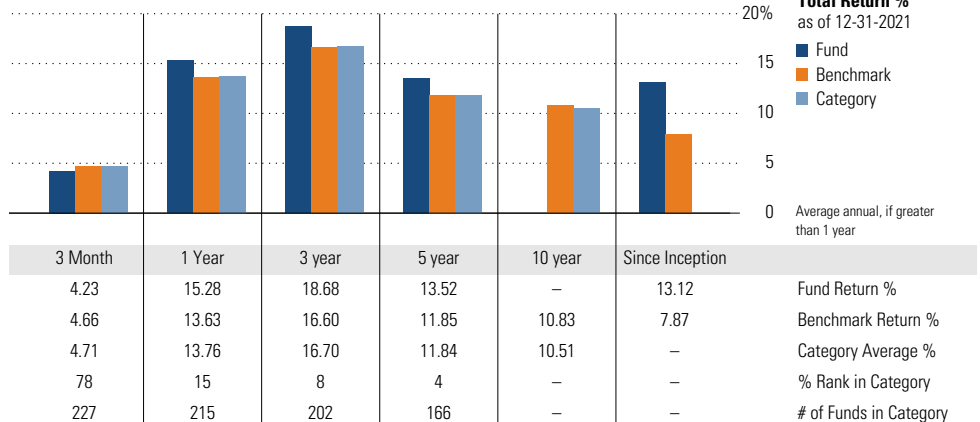
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

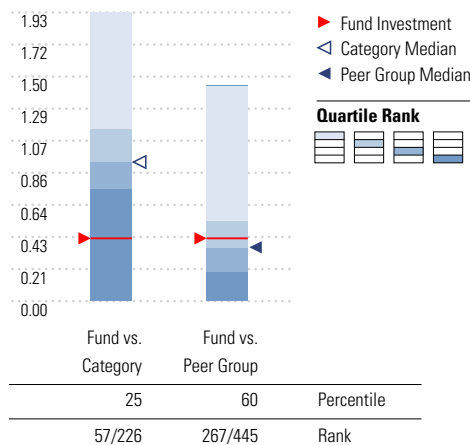
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.97	-	0.56
Beta	1.06	-	0.97
R-Squared	98.64	-	98.46
Standard Deviation	14.80	13.88	13.52
Sharpe Ratio	1.18	1.12	1.15
Tracking Error	1.91	-	1.91
Information Ratio	1.09	-	0.14
Up Capture Ratio	108.03	-	98.92
Down Capture Ratio	102.99	-	97.06

## Portfolio Metrics

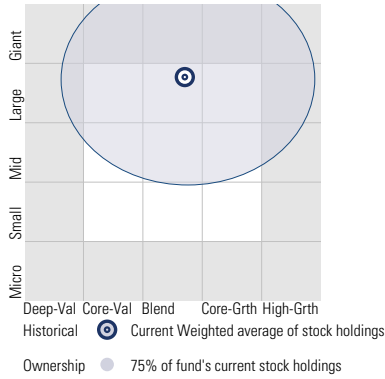
	Fund	Bmark	Cat
Price/Earnings Ratio	21.40	18.79	20.13
Price/Book Ratio	2.84	2.63	2.89
Avg Eff Duration	7.04	10.62	6.71

# T. Rowe Price Retirement I 2035 I TRPJX

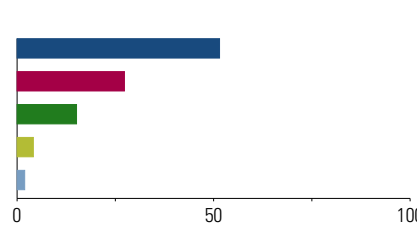
**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

**Style Analysis** as of 12-31-2021  
Morningstar Style Box™

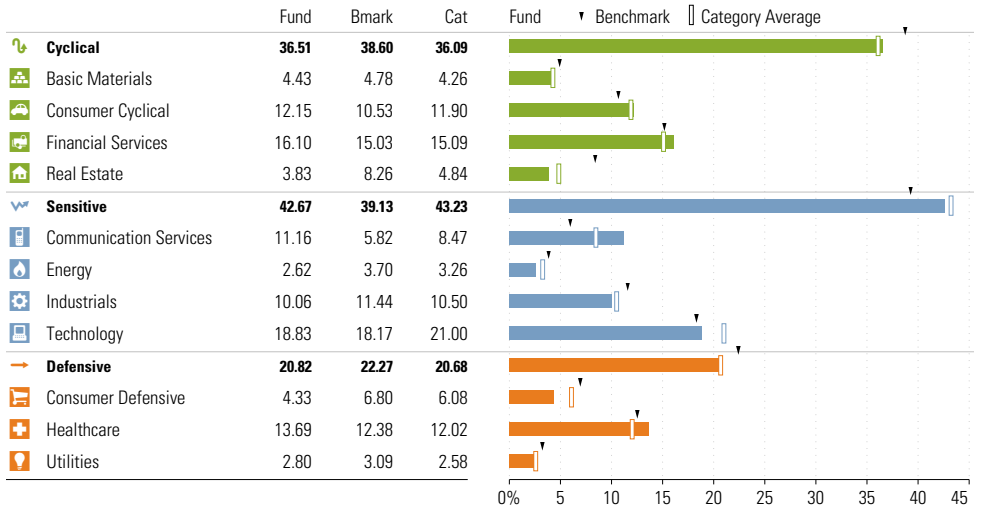


**Asset Allocation** as of 12-31-2021

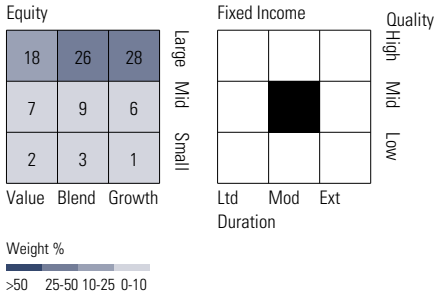


Asset Class	Net %	Cat%
US Stocks	51.51	43.76
Non-US Stocks	27.31	24.21
Bonds	15.12	19.06
Cash	4.13	2.35
Other	1.93	10.60
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2021



**Style Breakdown**



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	-	16.36	16.36	-	-
⊕ T. Rowe Price Growth Stock Z	-	14.48	30.84	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	11.14	41.98	-	-
⊕ T. Rowe Price International Value Eq Z	-	6.75	48.73	-	-
⊕ T. Rowe Price Overseas Stock Z	-	6.44	55.17	-	-
⊕ T. Rowe Price New Income Z	-	6.42	61.59	-	-
⊕ T. Rowe Price International Stock Z	-	5.67	67.27	-	-
⊕ T. Rowe Price Mid-Cap Value Z	-	3.28	70.55	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.04	73.59	-	-
⊕ T. Rowe Price Emerging Markets Stock Z	-	2.61	76.20	-	-

**Total Holdings 29**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2040 I TRPDX

**Morningstar Category**  
Target-Date 2040

**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.43 is 39.44% lower than the Target-Date 2040 category average.

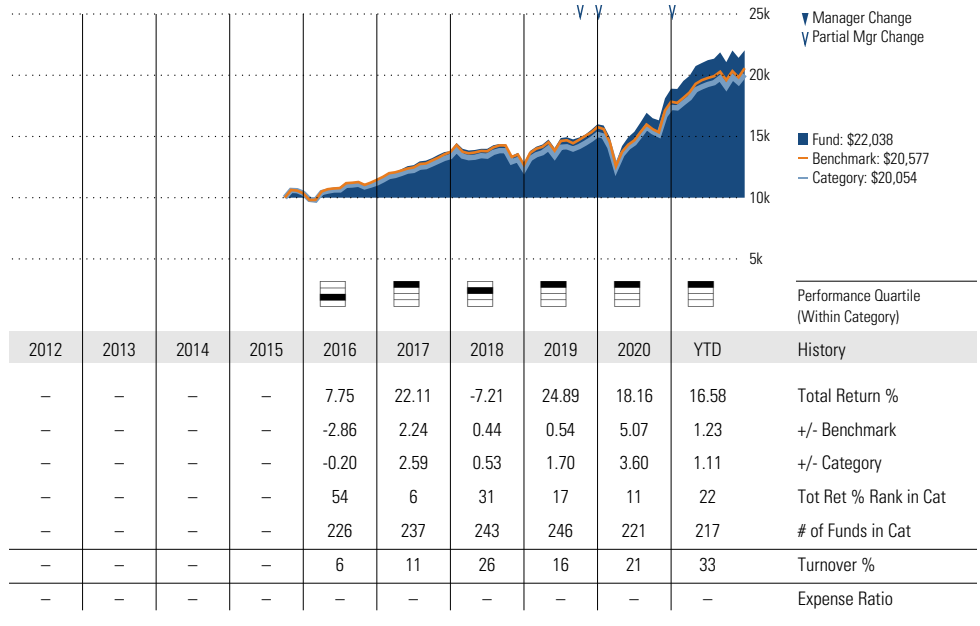
## Morningstar Investment Management LLC Analysis

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.

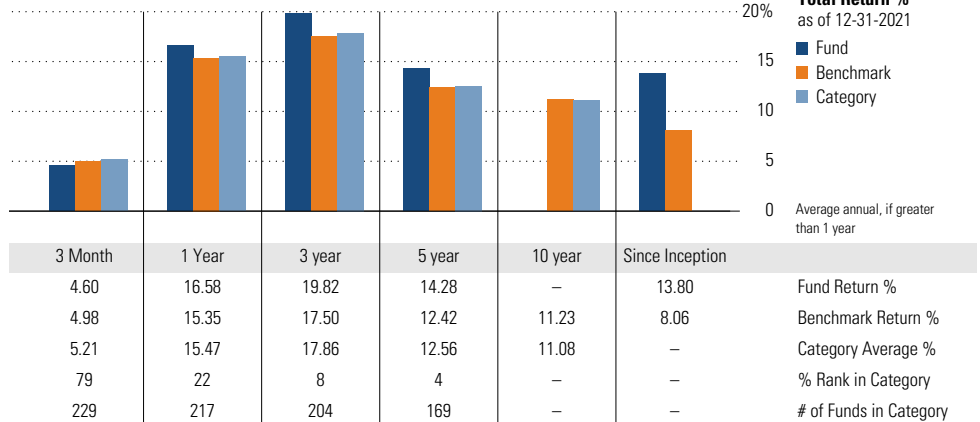
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

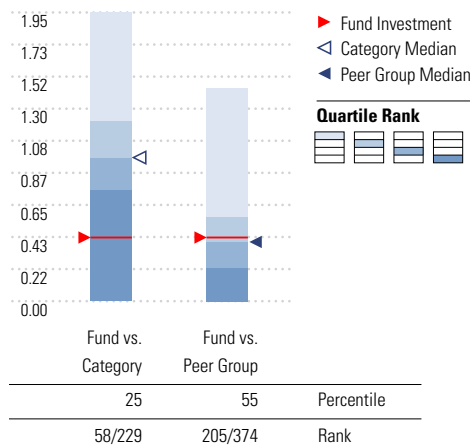
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.86	-	1.11
Beta	1.01	-	0.95
R-Squared	98.69	-	98.53
Standard Deviation	15.69	15.45	14.78
Sharpe Ratio	1.18	1.07	1.14
Tracking Error	1.80	-	2.03
Information Ratio	1.29	-	0.33
Up Capture Ratio	104.74	-	98.47
Down Capture Ratio	95.65	-	94.22

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.46	18.59	20.08
Price/Book Ratio	2.84	2.59	2.88
Avg Eff Duration	7.42	11.10	6.67

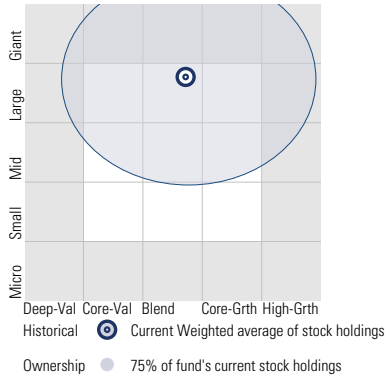
# T. Rowe Price Retirement I 2040 I TRPDX

**Morningstar Category**  
Target-Date 2040

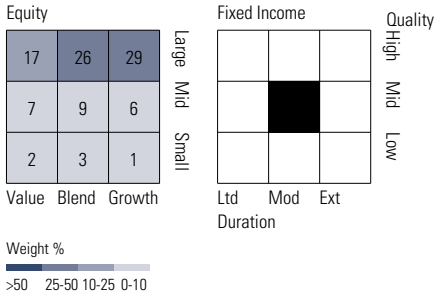
**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 12-31-2021

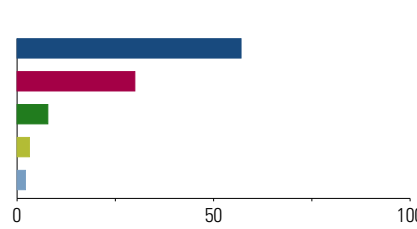
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	56.98	49.22
Non-US Stocks	29.96	27.65
Bonds	7.82	12.05
Cash	3.13	1.91
Other	2.11	9.17
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>36.55</b>	<b>38.59</b>	<b>36.24</b>			
Basic Materials	4.41	4.88	4.30			
Consumer Cyclical	12.23	10.60	11.91			
Financial Services	16.11	15.14	15.20			
Real Estate	3.80	7.97	4.83			
<b>Sensitive</b>	<b>42.80</b>	<b>39.18</b>	<b>43.16</b>			
Communication Services	11.37	5.82	8.43			
Energy	2.53	3.74	3.26			
Industrials	10.08	11.52	10.63			
Technology	18.82	18.10	20.84			
<b>Defensive</b>	<b>20.65</b>	<b>22.23</b>	<b>20.59</b>			
Consumer Defensive	4.17	6.82	5.97			
Healthcare	13.69	12.31	12.04			
Utilities	2.79	3.10	2.58			

## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	-	19.22	19.22	-	-
⊕ T. Rowe Price Growth Stock Z	-	17.17	36.39	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	9.61	46.00	-	-
⊕ T. Rowe Price International Value Eq Z	-	7.38	53.38	-	-
⊕ T. Rowe Price Overseas Stock Z	-	6.95	60.32	-	-
⊕ T. Rowe Price International Stock Z	-	6.20	66.52	-	-
⊕ T. Rowe Price Mid-Cap Value Z	-	3.56	70.09	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.32	73.40	-	-
⊖ T. Rowe Price New Income Z	-	3.09	76.49	-	-
⊕ T. Rowe Price Emerging Markets Stock Z	-	2.85	79.34	-	-

## Total Holdings 28

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2045 I TRPKX

**Morningstar Category**  
Target-Date 2045

**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.44 is 38.03% lower than the Target-Date 2045 category average.

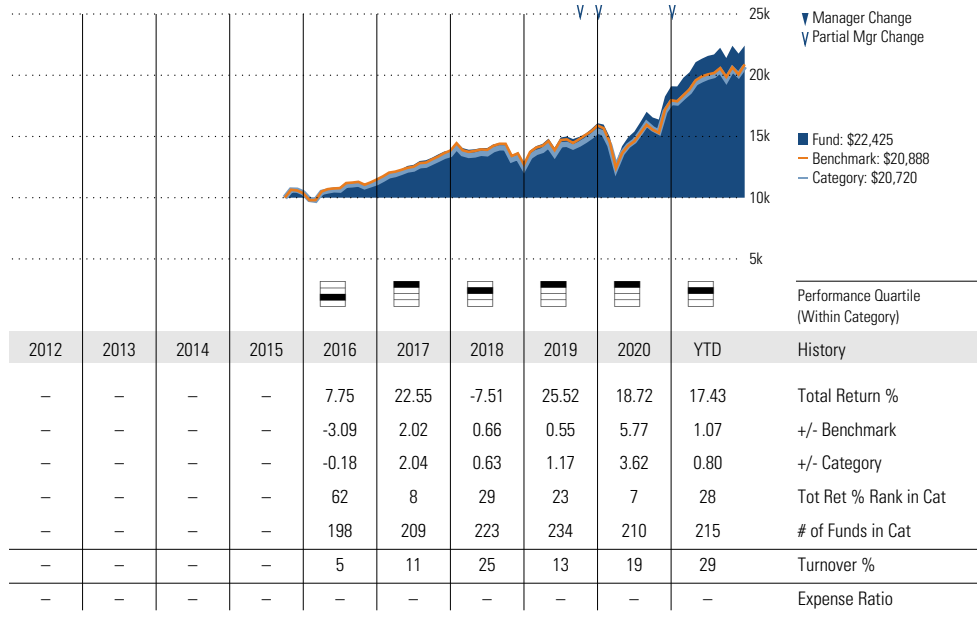
## Morningstar Investment Management LLC Analysis

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.

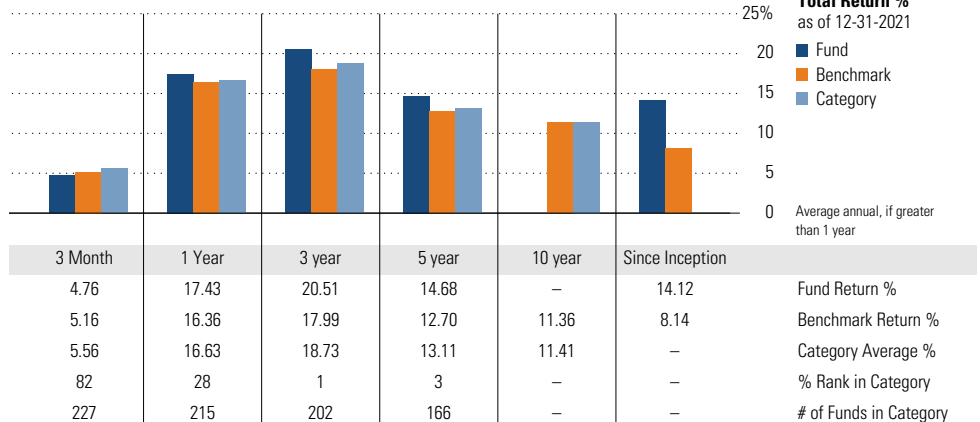
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

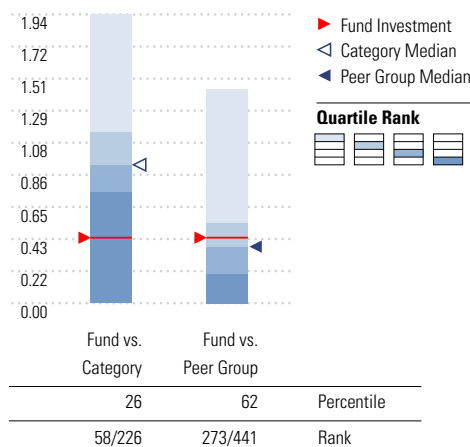
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.31	-	1.42
Beta	0.99	-	0.95
R-Squared	98.73	-	98.55
Standard Deviation	16.31	16.36	15.62
Sharpe Ratio	1.18	1.05	1.13
Tracking Error	1.85	-	2.06
Information Ratio	1.36	-	0.46
Up Capture Ratio	103.72	-	98.96
Down Capture Ratio	93.22	-	93.70

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.49	18.43	20.08
Price/Book Ratio	2.84	2.56	2.85
Avg Eff Duration	8.50	11.53	6.60

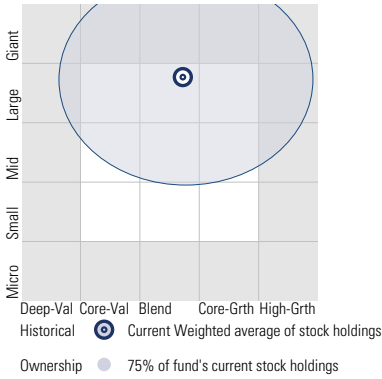
# T. Rowe Price Retirement I 2045 | TRPKX

**Morningstar Category**  
Target-Date 2045

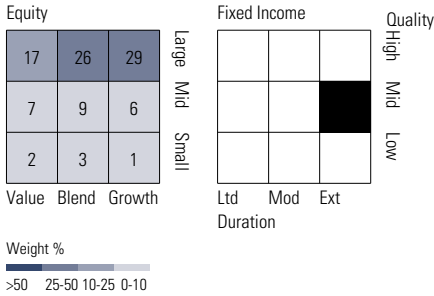
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 12-31-2021

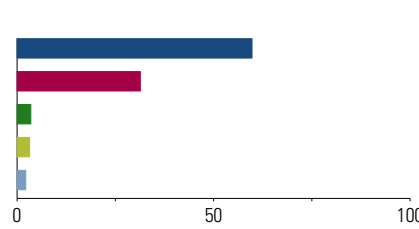
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	59.77	52.24
Non-US Stocks	31.35	29.89
Bonds	3.49	6.68
Cash	3.19	1.74
Other	2.20	9.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>36.52</b>	<b>38.71</b>	<b>36.42</b>			
Basic Materials	4.41	4.97	4.34			
Consumer Cyclical	12.24	10.65	11.93			
Financial Services	16.06	15.24	15.16			
Real Estate	3.81	7.85	4.99			
<b>Sensitive</b>	<b>42.83</b>	<b>39.17</b>	<b>43.00</b>			
Communication Services	11.36	5.83	8.61			
Energy	2.52	3.77	3.18			
Industrials	10.09	11.58	10.54			
Technology	18.86	17.99	20.67			
<b>Defensive</b>	<b>20.65</b>	<b>22.13</b>	<b>20.57</b>			
Consumer Defensive	4.16	6.81	5.92			
Healthcare	13.72	12.23	12.08			
Utilities	2.77	3.09	2.57			

## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	—	20.18	20.18	—	—
⊕ T. Rowe Price Growth Stock Z	—	18.06	38.25	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	9.92	48.16	—	—
⊕ T. Rowe Price International Value Eq Z	—	7.60	55.76	—	—
⊕ T. Rowe Price Overseas Stock Z	—	7.43	63.19	—	—
⊕ T. Rowe Price International Stock Z	—	6.36	69.55	—	—
⊕ T. Rowe Price Mid-Cap Value Z	—	3.80	73.35	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.68	77.03	—	—
⊕ T. Rowe Price Emerging Markets Stock Z	—	3.04	80.07	—	—
⊕ T. Rowe Price Real Assets Z	—	2.64	82.71	—	—

## Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2050 I TRPMX

**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.45 is 37.5% lower than the Target-Date 2050 category average.

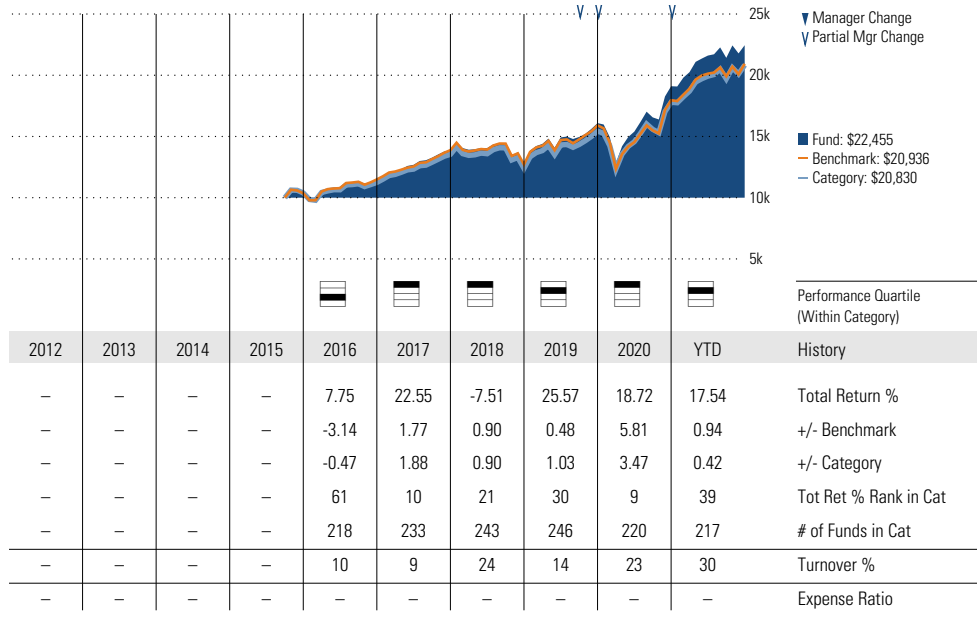
## Morningstar Investment Management LLC Analysis

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.

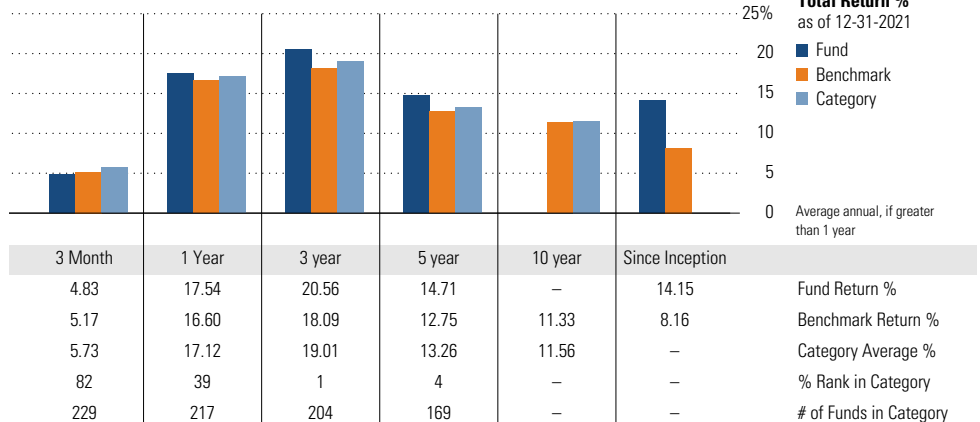
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

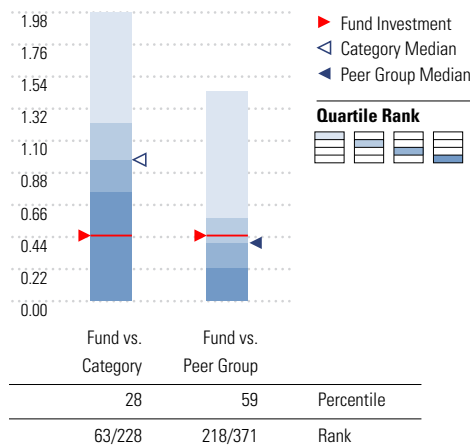
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.56	-	1.56
Beta	0.97	-	0.95
R-Squared	98.63	-	98.48
Standard Deviation	16.32	16.69	15.93
Sharpe Ratio	1.18	1.03	1.12
Tracking Error	1.97	-	2.08
Information Ratio	1.25	-	0.48
Up Capture Ratio	102.54	-	99.27
Down Capture Ratio	91.35	-	93.61

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.50	18.28	19.97
Price/Book Ratio	2.84	2.53	2.83
Avg Eff Duration	8.83	-	6.55

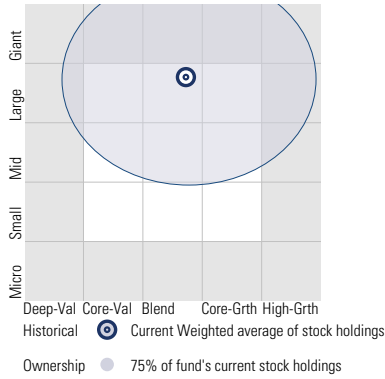
# T. Rowe Price Retirement I 2050 I TRPMX

**Morningstar Category**  
Target-Date 2050

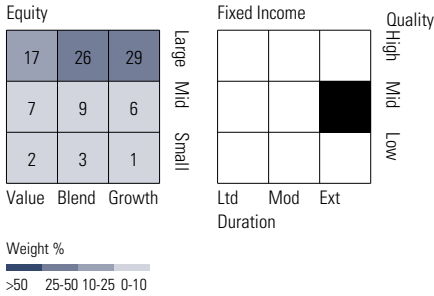
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 12-31-2021

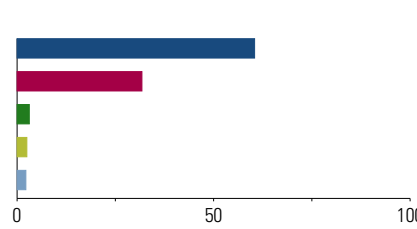
Morningstar Style Box™



## Style Breakdown

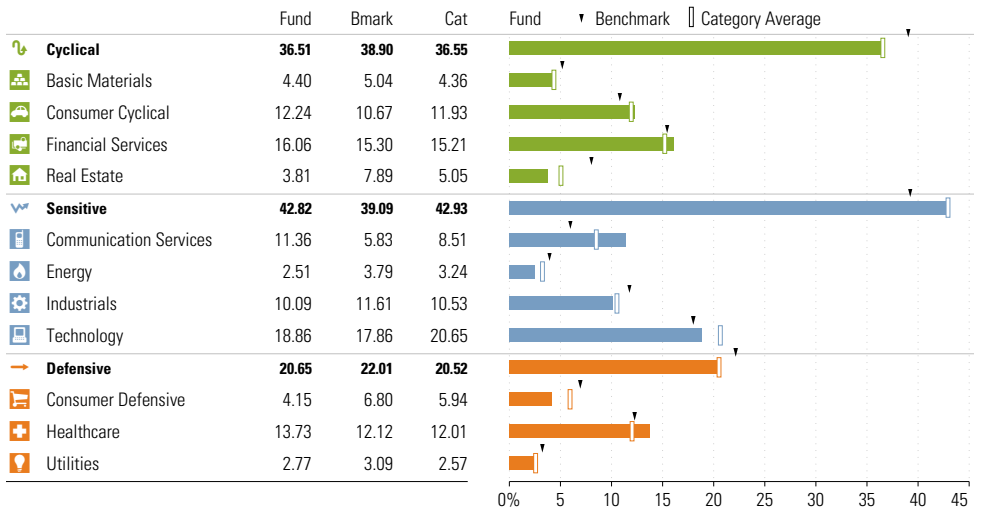


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	60.43	54.14
Non-US Stocks	31.76	31.39
Bonds	3.10	5.50
Cash	2.48	1.41
Other	2.23	7.55
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	-	20.42	20.42	-	-
⊕ T. Rowe Price Growth Stock Z	-	18.31	38.72	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	9.96	48.69	-	-
⊕ T. Rowe Price International Value Eq Z	-	7.71	56.40	-	-
⊕ T. Rowe Price Overseas Stock Z	-	7.52	63.92	-	-
⊕ T. Rowe Price International Stock Z	-	6.47	70.39	-	-
⊕ T. Rowe Price Mid-Cap Value Z	-	3.83	74.23	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.73	77.95	-	-
⊕ T. Rowe Price Emerging Markets Stock Z	-	3.09	81.04	-	-
⊕ T. Rowe Price Real Assets Z	-	2.67	83.71	-	-

## Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# T. Rowe Price Retirement I 2055 I TRPNX

**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.46 is 35.21% lower than the Target-Date 2055 category average.

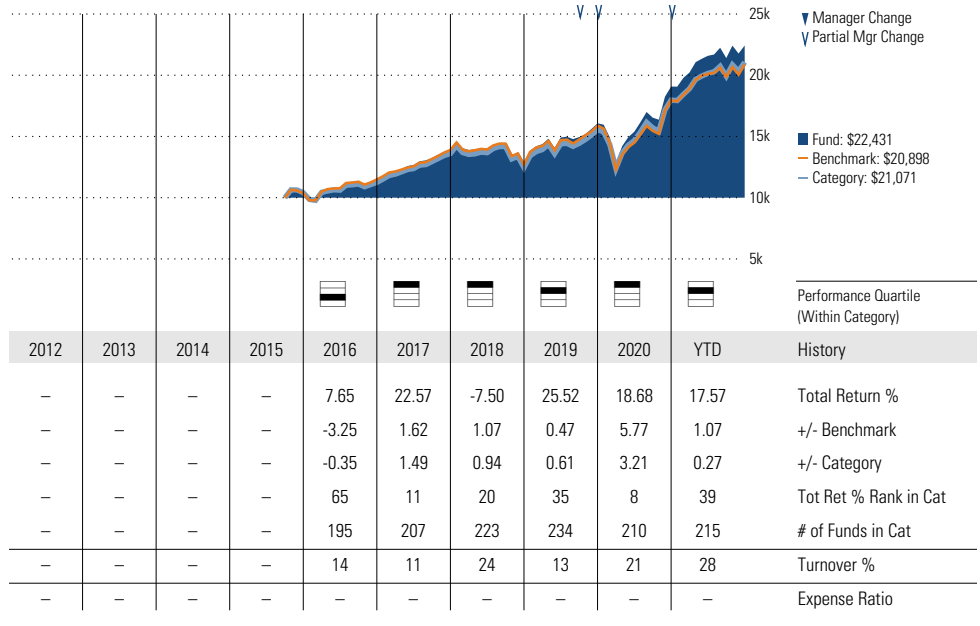
## Morningstar Investment Management LLC Analysis

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.

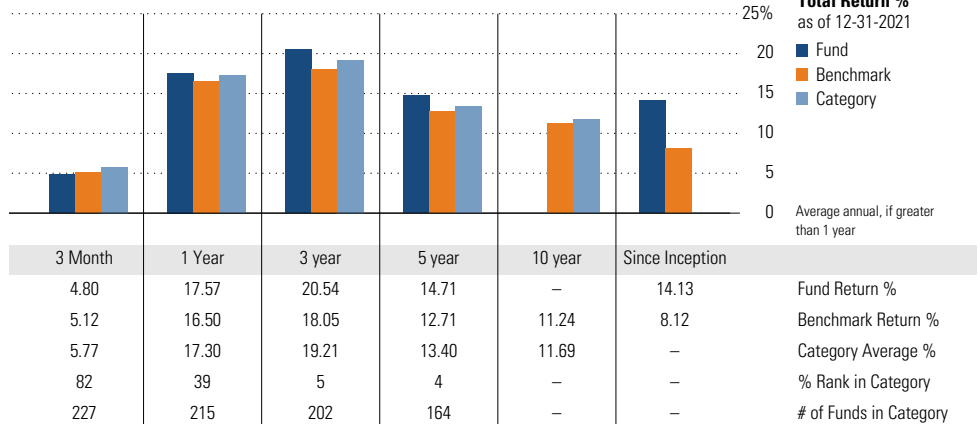
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

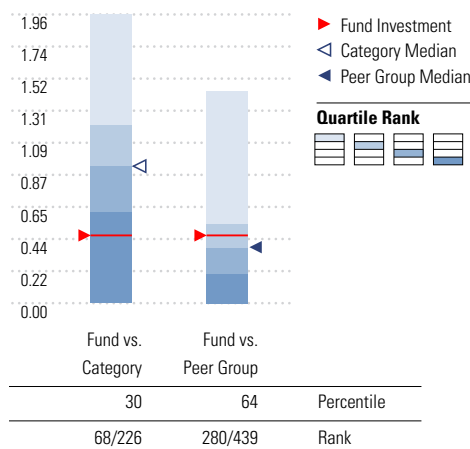
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.66	-	1.68
Beta	0.97	-	0.95
R-Squared	98.56	-	98.43
Standard Deviation	16.33	16.78	16.07
Sharpe Ratio	1.18	1.03	1.12
Tracking Error	2.04	-	2.10
Information Ratio	1.22	-	0.56
Up Capture Ratio	102.22	-	99.94
Down Capture Ratio	90.60	-	93.93

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.50	18.14	19.70
Price/Book Ratio	2.84	2.50	2.77
Avg Eff Duration	8.88	-	6.64

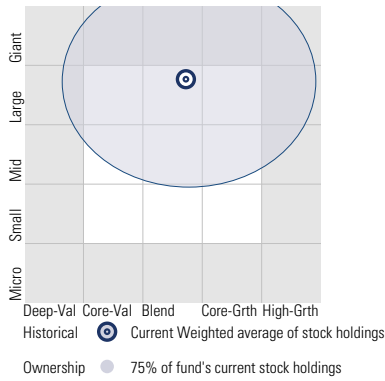
# T. Rowe Price Retirement I 2055 I TRPNX

**Morningstar Category**  
Target-Date 2055

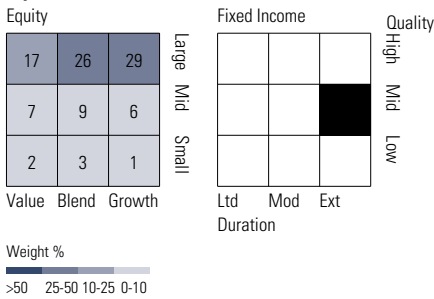
**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 12-31-2021

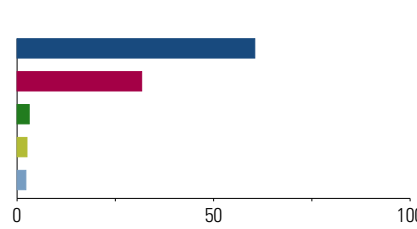
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	60.48	54.17
Non-US Stocks	31.70	34.51
Bonds	3.08	4.53
Cash	2.51	1.52
Other	2.23	5.27
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>36.51</b>	<b>39.15</b>	<b>36.81</b>			
Basic Materials	4.40	5.11	4.51			
Consumer Cyclical	12.24	10.69	11.83			
Financial Services	16.06	15.35	15.24			
Real Estate	3.81	8.00	5.23			
<b>Sensitive</b>	<b>42.82</b>	<b>38.97</b>	<b>42.85</b>			
Communication Services	11.36	5.82	8.56			
Energy	2.51	3.81	3.32			
Industrials	10.09	11.62	10.53			
Technology	18.86	17.72	20.44			
<b>Defensive</b>	<b>20.65</b>	<b>21.87</b>	<b>20.34</b>			
Consumer Defensive	4.15	6.79	5.89			
Healthcare	13.73	12.00	11.90			
Utilities	2.77	3.08	2.55			

## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	-	20.42	20.42	-	-
⊕ T. Rowe Price Growth Stock Z	-	18.28	38.71	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	9.97	48.67	-	-
⊕ T. Rowe Price International Value Eq Z	-	7.66	56.33	-	-
⊕ T. Rowe Price Overseas Stock Z	-	7.53	63.86	-	-
⊕ T. Rowe Price International Stock Z	-	6.45	70.31	-	-
⊕ T. Rowe Price Mid-Cap Value Z	-	3.85	74.16	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.73	77.89	-	-
⊕ T. Rowe Price Emerging Markets Stock Z	-	3.09	80.98	-	-
⊕ T. Rowe Price Real Assets Z	-	2.67	83.66	-	-

## Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2060 I TRPLX

**Morningstar Category**  
Target-Date 2060

**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Wyatt Lee since 09-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060 category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.26 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.46 is 36.11% lower than the Target-Date 2060 category average.

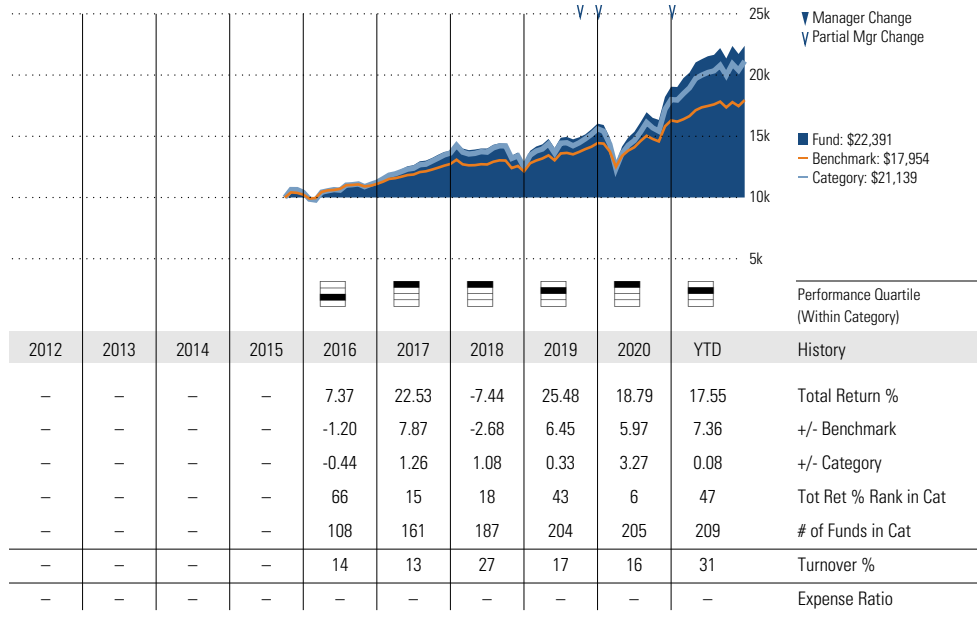
## Morningstar Investment Management LLC Analysis

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.

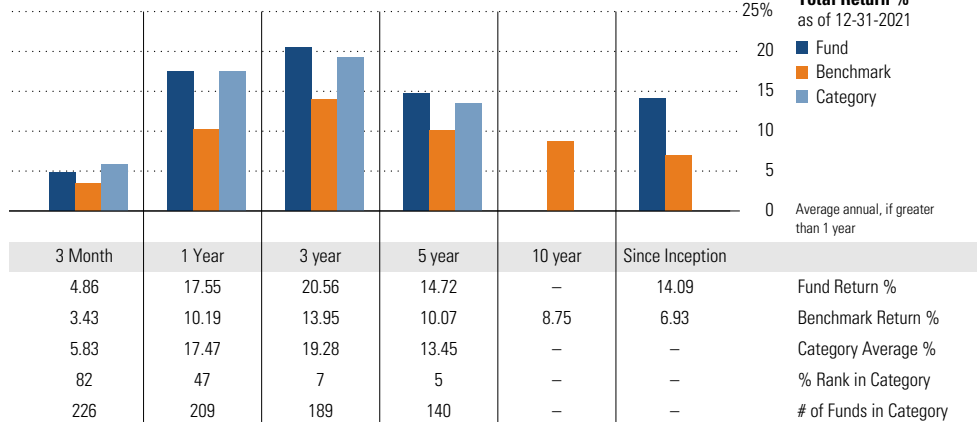
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

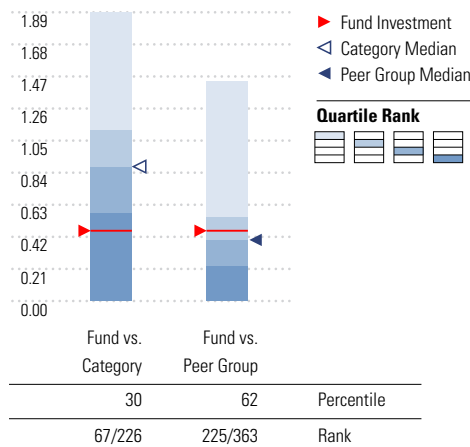
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.18	-	-1.18
Beta	1.48	-	1.47
R-Squared	98.03	-	97.94
Standard Deviation	16.33	10.91	16.20
Sharpe Ratio	1.18	1.18	1.12
Tracking Error	5.74	-	5.64
Information Ratio	1.15	-	0.94
Up Capture Ratio	147.10	-	144.58
Down Capture Ratio	149.81	-	156.44

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.50	17.96	19.81
Price/Book Ratio	2.84	2.46	2.84
Avg Eff Duration	8.54	6.79	6.51

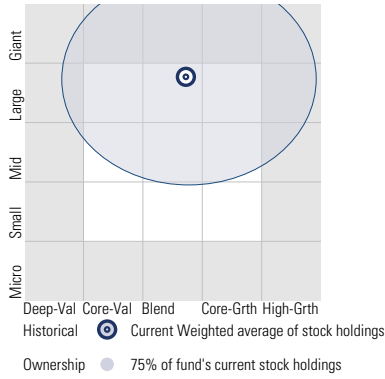
# T. Rowe Price Retirement I 2060 I TRPLX

**Morningstar Category**  
Target-Date 2060

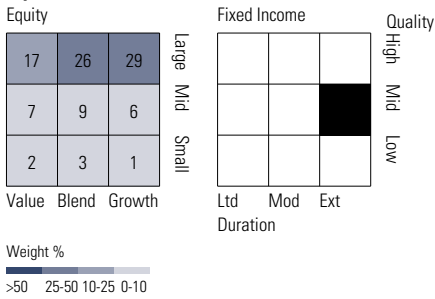
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 12-31-2021

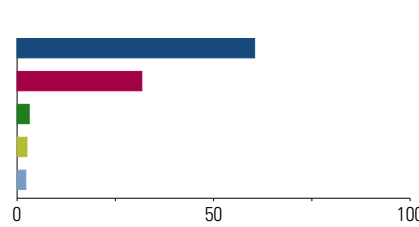
Morningstar Style Box™



## Style Breakdown

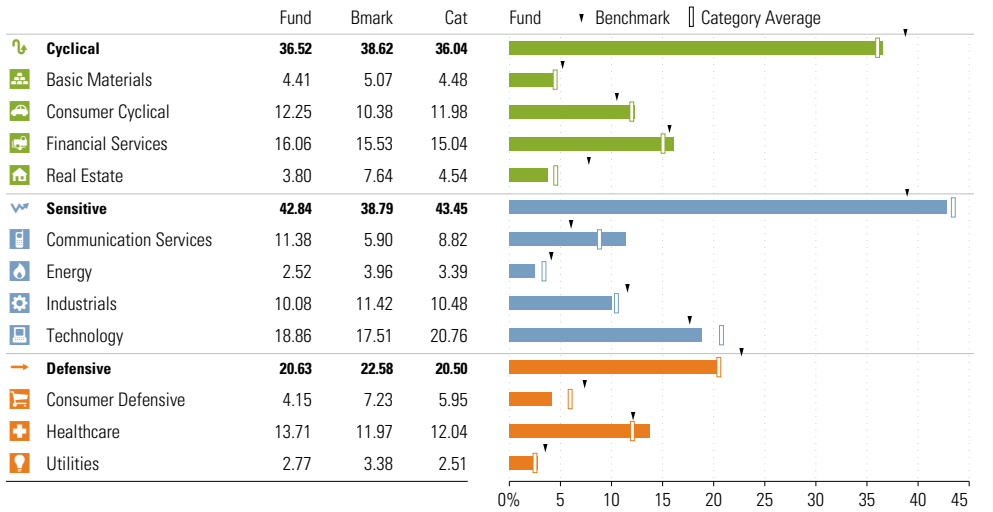


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	60.44	54.92
Non-US Stocks	31.74	33.94
Bonds	3.08	5.31
Cash	2.51	2.14
Other	2.22	3.68
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 10 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	—	20.42	20.42	—	—
⊕ T. Rowe Price Growth Stock Z	—	18.37	38.79	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	9.97	48.76	—	—
⊕ T. Rowe Price International Value Eq Z	—	7.69	56.45	—	—
⊕ T. Rowe Price Overseas Stock Z	—	7.53	63.98	—	—
⊕ T. Rowe Price International Stock Z	—	6.45	70.43	—	—
⊕ T. Rowe Price Mid-Cap Value Z	—	3.85	74.29	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.69	77.98	—	—
⊕ T. Rowe Price Emerging Markets Stock Z	—	3.10	81.08	—	—
⊕ T. Rowe Price Real Assets Z	—	2.69	83.77	—	—

## Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

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

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.06% lower than the Large Blend category average.

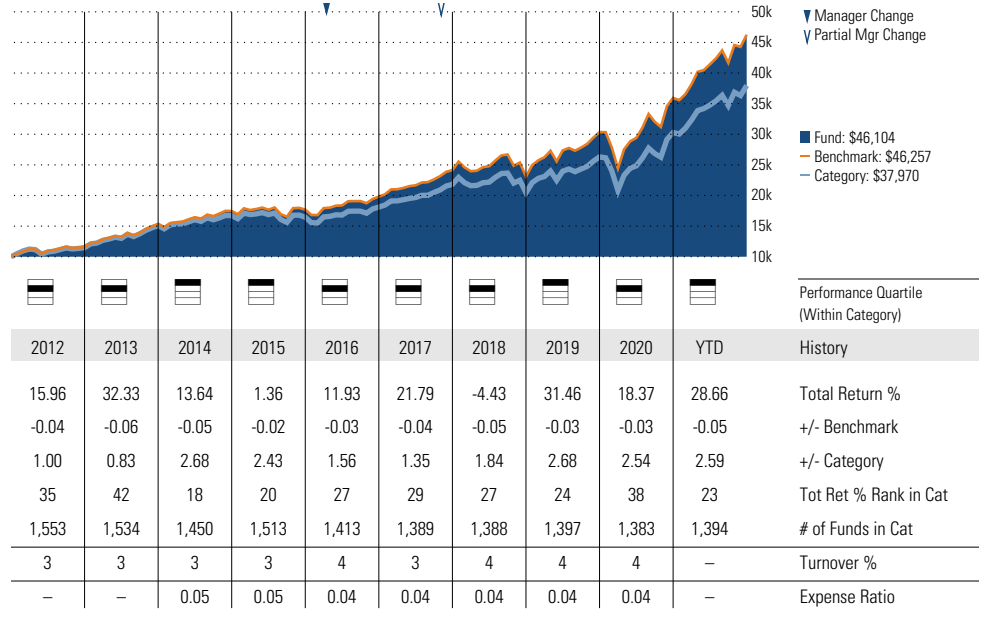
## Morningstar Investment Management LLC Analysis

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.

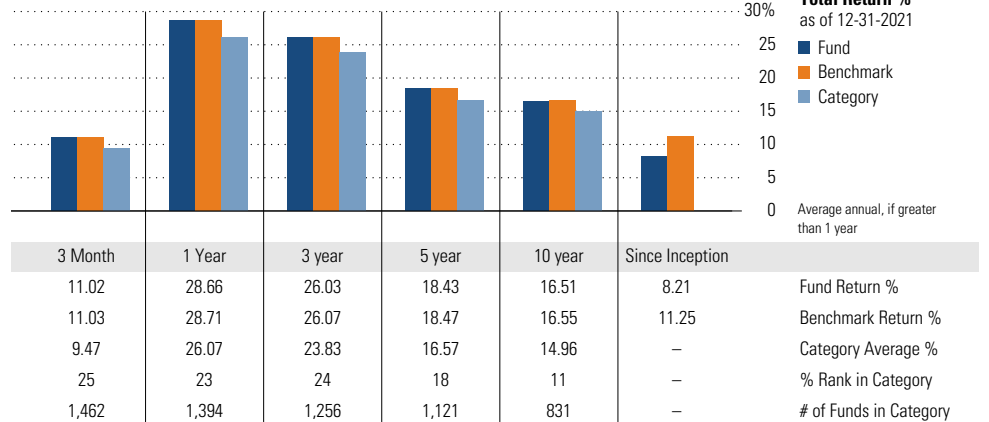
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

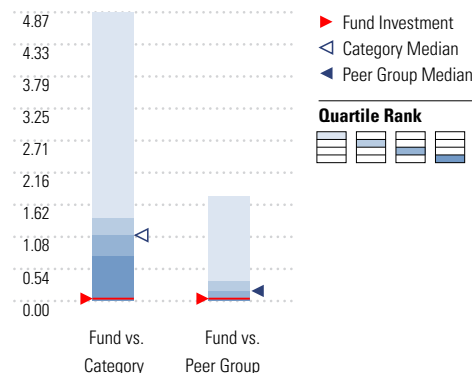
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.03	—	-1.70
Beta	1.00	—	0.97
R-Squared	100.00	—	95.10
Standard Deviation	17.42	17.41	17.41
Sharpe Ratio	1.38	1.38	1.25
Tracking Error	0.01	—	3.76
Information Ratio	-3.26	—	-1.29
Up Capture Ratio	99.96	—	93.94
Down Capture Ratio	100.07	—	100.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.16	25.15	25.73
Price/Book Ratio	4.60	4.59	5.74
Geom Avg Mkt Cap \$B	230.90	230.65	305.14
ROE	32.76	32.75	38.00

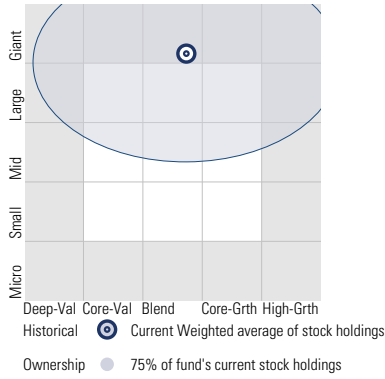
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	6.83	6.83	34.48	Technology
Microsoft Corp	6.23	13.06	52.24	Technology
Amazon.com Inc	3.59	16.65	2.38	Consumer Cyclical
Alphabet Inc Class A	2.15	18.80	65.30	Communication Svc
Tesla Inc	2.12	20.92	49.76	Consumer Cyclical
Alphabet Inc Class C	2.00	22.92	65.17	Communication Svc
Meta Platforms Inc Class A	1.96	24.88	23.13	Communication Svc
NVIDIA Corp	1.81	26.70	125.41	Technology
Berkshire Hathaway Inc Class B	1.35	28.05	28.95	Financial Services
UnitedHealth Group Inc	1.17	29.22	44.79	Healthcare
JPMorgan Chase & Co	1.15	30.37	27.53	Financial Services
Johnson & Johnson	1.11	31.48	11.36	Healthcare
The Home Depot Inc	1.08	32.57	58.73	Consumer Cyclical
Procter & Gamble Co	0.98	33.54	20.01	Consumer Defensive
Visa Inc Class A	0.89	34.43	-0.31	Financial Services

**Total Holdings 510**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

## Portfolio Manager(s)

Gemma Wright-Casparius since 08-2011  
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 has been in place for 10.38 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 83.61% lower than the Inflation-Protected Bond category average.

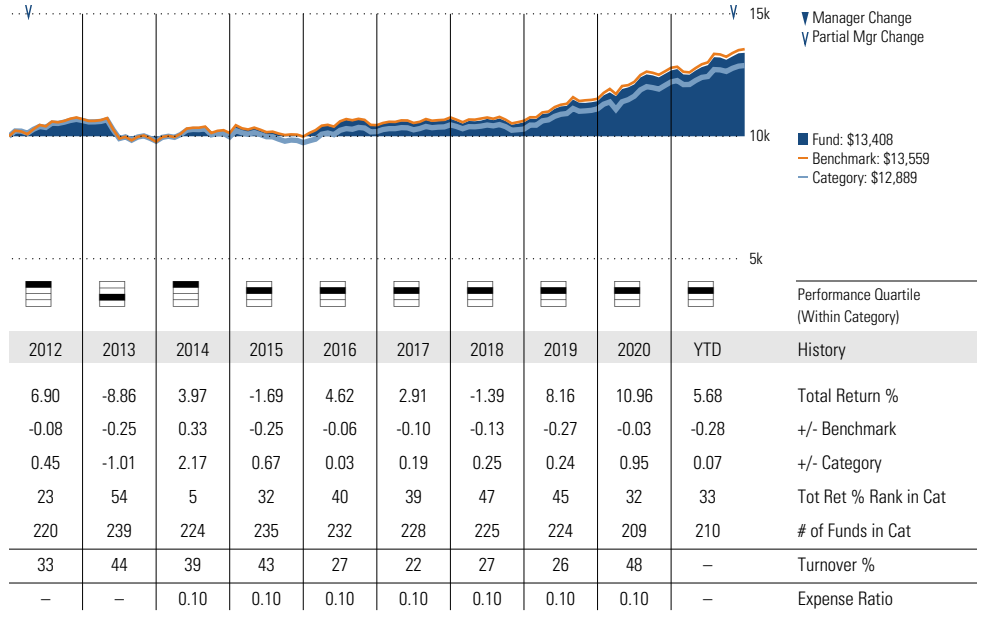
## Morningstar Investment Management LLC Analysis

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

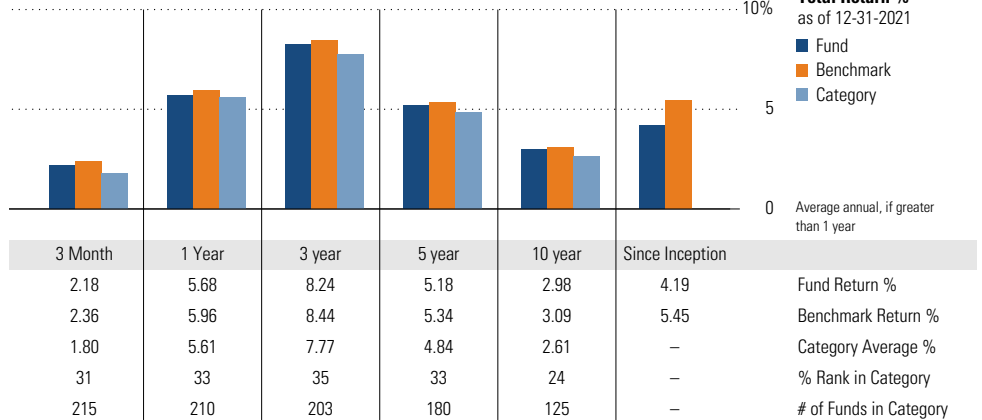
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021

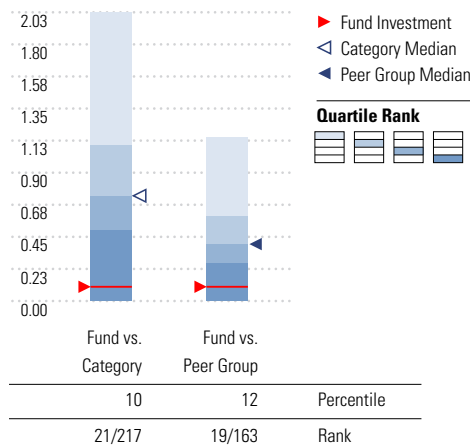
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.31	-	-0.07
Beta	0.94	-	0.90
R-Squared	98.32	-	76.48
Standard Deviation	3.69	3.90	4.22
Sharpe Ratio	1.95	1.90	1.65
Tracking Error	0.53	-	2.21
Information Ratio	-0.37	-	-0.60
Up Capture Ratio	96.00	-	90.34
Down Capture Ratio	89.87	-	95.16

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.50	4.52	6.06
Avg Eff Maturity	7.90	-	7.06

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

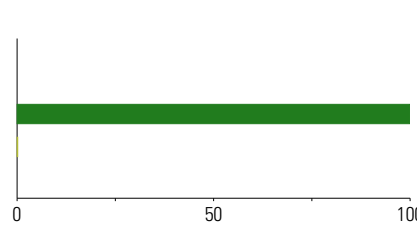
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

**Style Analysis** as of 12-31-2021

**Style Breakdown**



**Asset Allocation** as of 12-31-2021

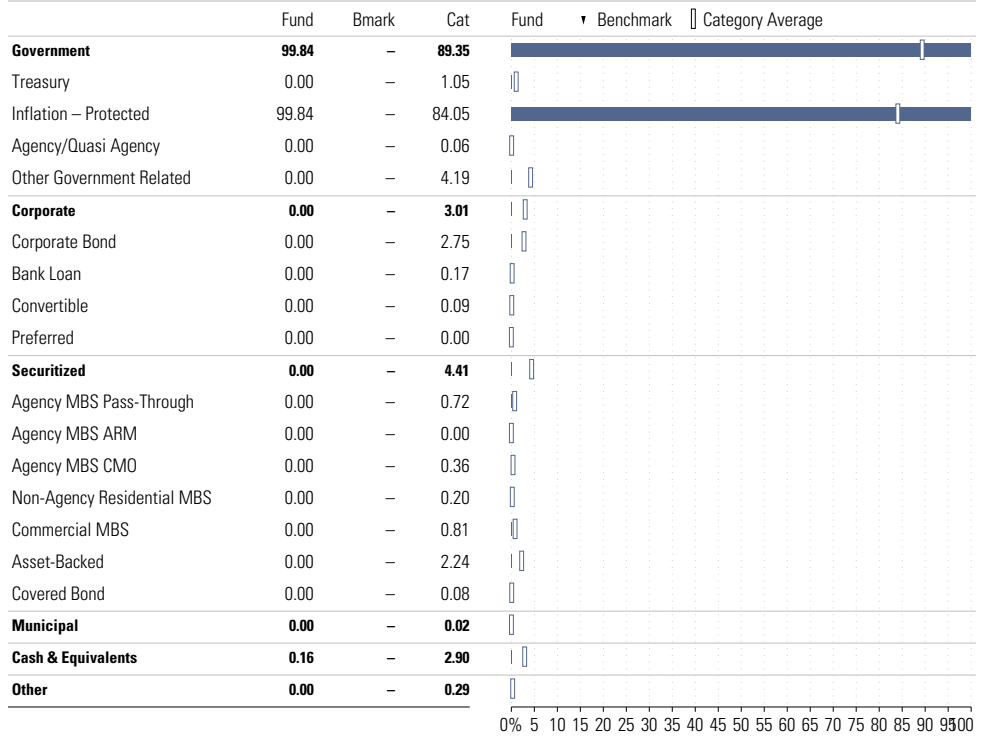


Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	99.84	99.03
Cash	0.16	0.24
Other	0.00	0.67
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	99.85	0.00	89.25
AA	0.00	99.60	6.41
A	0.00	0.00	1.27
BBB	0.00	0.00	1.83
BB	0.00	0.00	0.28
B	0.00	0.00	0.10
Below B	0.00	0.00	0.06
Not Rated	0.15	0.40	0.80

**Sector Weighting** as of 12-31-2021



**Top 10 Holdings** as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes	-	6.07	6.07	-
⊕ United States Treasury Notes	-	3.92	9.98	-
⊕ United States Treasury Notes	-	3.89	13.88	-
⊕ United States Treasury Notes	-	3.55	17.43	-
⊕ United States Treasury Notes	-	3.48	20.92	-
⊕ United States Treasury Notes	-	3.32	24.24	-
⊕ United States Treasury Notes	-	3.17	27.41	-
United States Treasury Notes	-	3.15	30.57	-
United States Treasury Notes	-	3.08	33.64	-
⊕ United States Treasury Notes	-	2.87	36.51	-

**Total Holdings** 47

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

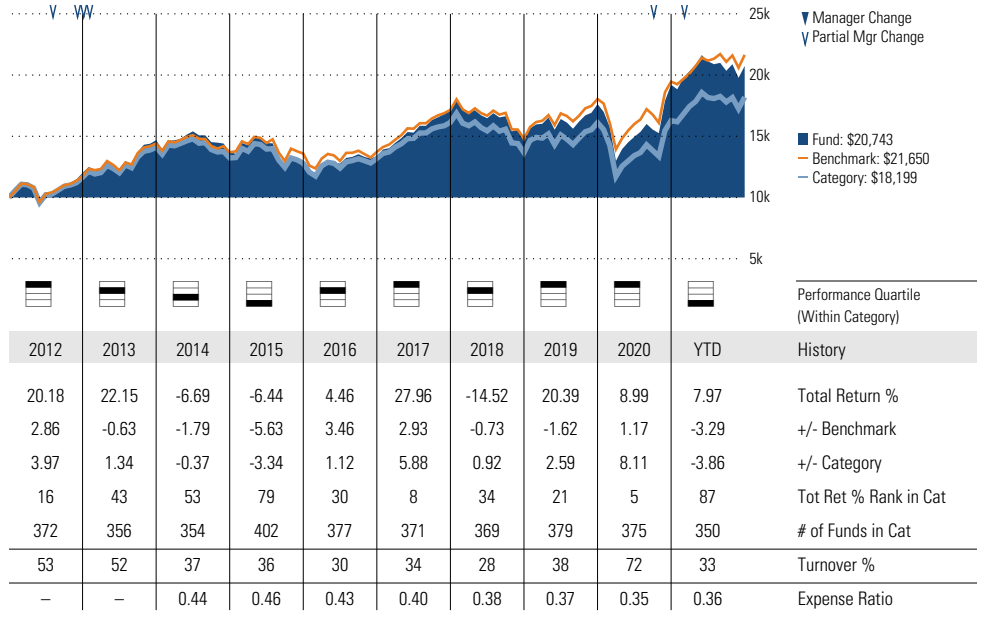
✔ **Performance:** The fund has finished in the Foreign Large Value category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.6 years.

✔ **Style:** The fund has landed in its primary style box — Large Value — 90.91 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.35 is 65% lower than the Foreign Large Value category average.

## Growth of \$10,000



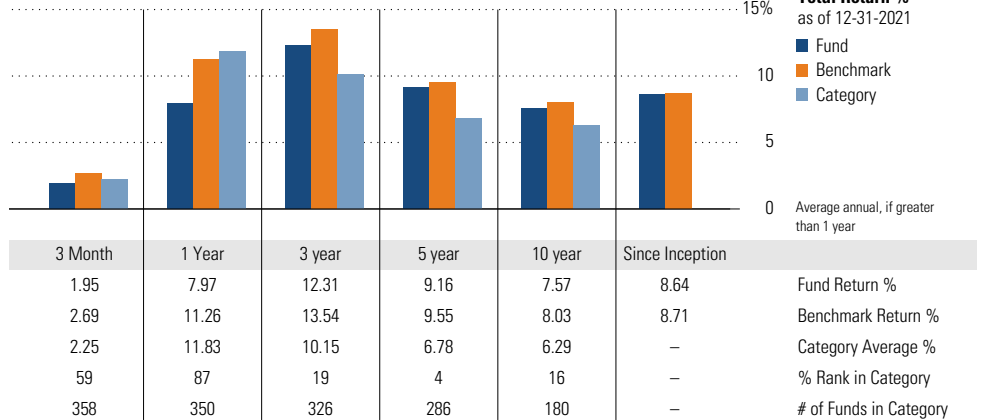
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Medium Risk	09-30-2021

## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-2.28	-	-3.87
Beta	1.11	-	1.12
R-Squared	95.65	-	93.09
Standard Deviation	19.55	17.16	19.86
Sharpe Ratio	0.65	0.78	0.57
Tracking Error	4.53	-	5.87
Information Ratio	-0.27	-	-0.57
Up Capture Ratio	105.53	-	102.36
Down Capture Ratio	115.40	-	119.52

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.19	16.51	11.67
Price/Book Ratio	1.61	1.86	1.32
Geom Avg Mkt Cap \$B	32.77	49.49	38.66
ROE	13.24	17.65	13.86

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 12-31-2021

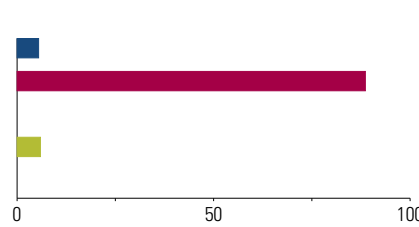
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	5.47	2.59
Non-US Stocks	88.61	94.95
Bonds	0.00	0.26
Cash	5.93	1.98
Other	0.00	0.22
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## World Regions % Equity 12-31-2021



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	35.90	30.16	Americas	11.26	8.50	Greater Europe	52.83	61.33	Developed Markets	82.09
Japan	10.34	17.30	North America	7.77	7.25	United Kingdom	17.85	18.17	Emerging Markets	17.91
Australasia	1.21	2.67	Central/Latin	3.49	1.25	W euro-ex UK	33.69	42.17	Not Available	0.00
Asia-4 Tigers	11.15	7.26				Emrgng Europe	0.24	0.47		
Asia-ex 4 Tigers	13.20	2.93				Africa	1.05	0.52		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	5.48	5.48	-	-
⊕ Alibaba Group Holding Ltd Ordinary Shares	1.37	6.85	-49.83	Consumer Cyclical
⊕ Compass Group PLC	1.32	8.17	21.13	Consumer Cyclical
⊕ Novartis AG	1.23	9.40	-1.70	Healthcare
⊕ SK Hynix Inc	1.18	10.58	-	Technology
⊕ RELX PLC	1.15	11.73	36.66	Communication Svc
⊖ Compagnie Financiere Richemont SA	1.14	12.87	72.64	Consumer Cyclical
⊕ Holcim Ltd	1.10	13.97	-0.23	Basic Materials
⊕ HSBC Holdings PLC	1.08	15.06	22.62	Financial Services
⊖ Samsung Electronics Co Ltd	1.08	16.14	-	Technology

**Total Holdings 239**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

**Morningstar Category**  
Allocation--30% to 50%  
Equity

**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--30% to 50% Equity 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 27.27 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 87.63% lower than the Allocation--30% to 50% Equity category average.

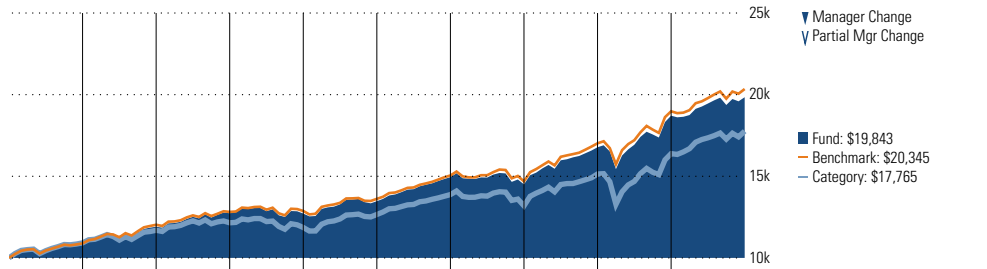
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

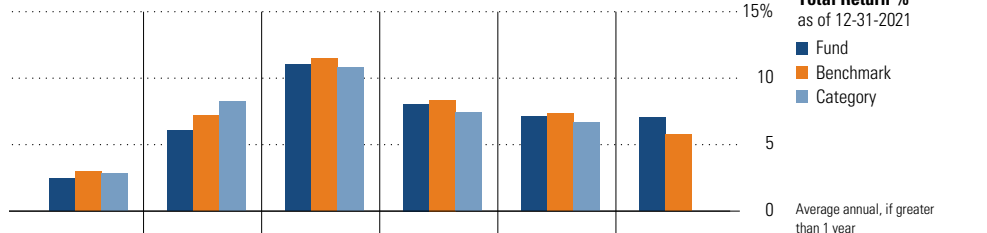
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000



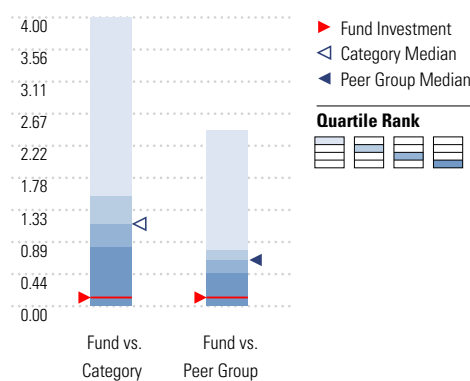
	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	15.68	11.51	6.05	History
	0.29	-1.39	0.40	-0.62	0.19	0.41	-0.54	-0.21	0.00	-1.14	Total Return %
	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	0.87	2.65	-2.19	+/- Benchmark
	57	33	9	12	54	30	14	36	27	85	+/- Category
	502	559	543	595	561	545	562	535	499	504	Tot Ret % Rank in Cat
	15	19	15	16	9	6	11	9	23	5	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2021
	2.46	6.05	11.01	8.05	7.09	7.07	Fund Return %
	2.99	7.19	11.47	8.36	7.36	5.75	Benchmark Return %
	2.82	8.24	10.82	7.41	6.66	-	Category Average %
	62	85	48	31	33	-	% Rank in Category
	513	504	466	428	284	-	# of Funds in Category

## Net Expense



	1	2	Percentile
	6/517	8/411	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	-0.52	-	-2.54
Beta	1.01	-	1.19
R-Squared	99.20	-	92.13
Standard Deviation	7.46	7.36	9.15
Sharpe Ratio	1.33	1.40	1.10
Tracking Error	0.67	-	3.09
Information Ratio	-0.69	-	-0.30
Up Capture Ratio	97.66	-	105.92
Down Capture Ratio	100.75	-	128.67

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.21	20.81	21.38
Price/Book Ratio	2.74	3.12	3.36
Avg Eff Duration	7.35	6.36	5.15

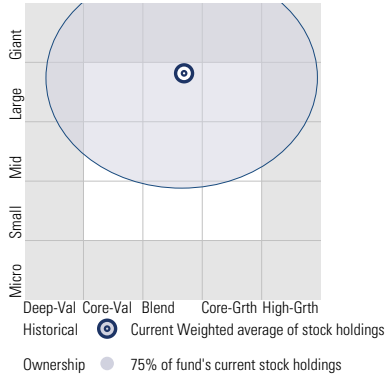
# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

**Morningstar Category**  
Allocation--30% to 50%  
Equity

**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Style Analysis as of 12-31-2021

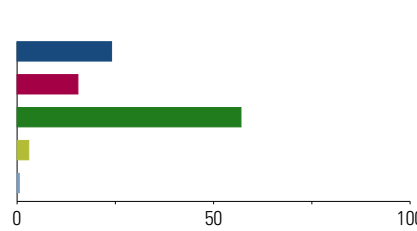
Morningstar Style Box™



## Style Breakdown

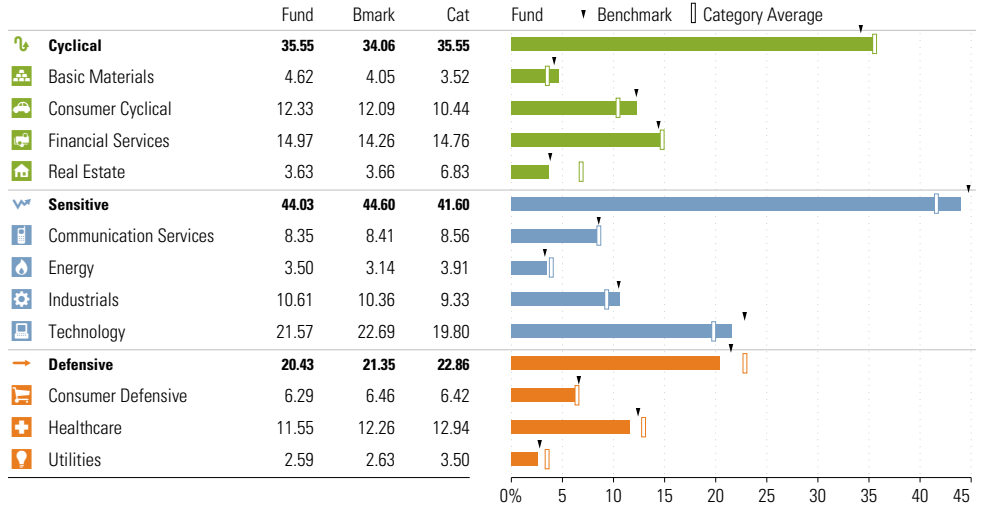


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	24.04	29.16
Non-US Stocks	15.47	7.43
Bonds	56.96	51.93
Cash	2.96	6.46
Other	0.56	5.03
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	41.18	41.18	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	24.28	65.47	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	15.85	81.32	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	15.81	97.13	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.74	98.87	—	—
⊖ Mktliq 12/31/2049	—	1.13	100.00	—	—
⊕ Us Dollar	—	0.00	100.00	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Growth Inv VASGX

**Morningstar Category**  
Allocation--70% to 85%  
Equity

**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR  
USD

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--70% to 85% Equity category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 27.27 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 86.54% lower than the Allocation--70% to 85% Equity category average.

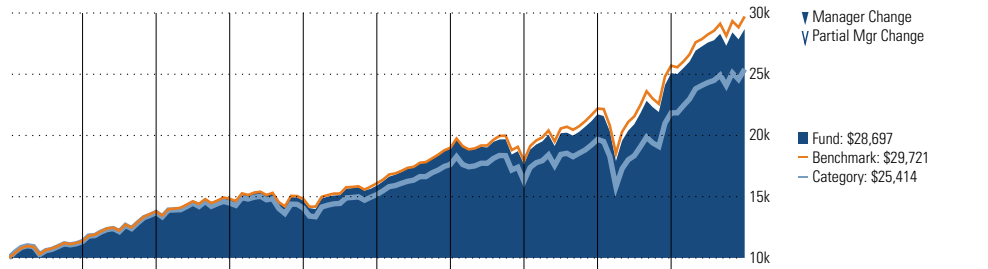
## Morningstar Investment Management LLC Analysis

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## ESG Metrics

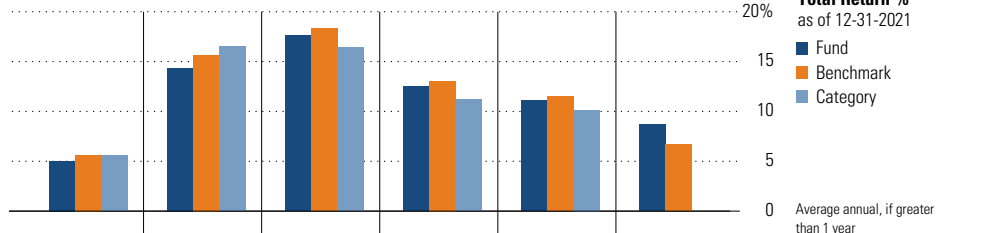
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



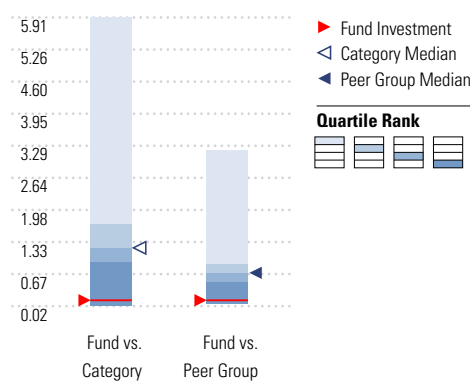
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
Fund	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	15.45	14.35	History
Benchmark	0.62	-0.07	-0.32	-1.14	-0.23	1.18	-1.37	-0.54	-0.33	-1.30	Total Return %
Category	0.96	-0.11	1.47	1.60	0.40	3.41	1.03	1.78	1.94	-2.15	+/- Benchmark
Rank	37	53	20	30	34	20	34	32	27	70	+/- Category
Funds	373	395	389	404	359	331	336	327	316	321	Tot Ret % Rank in Cat
Turnover	10	9	10	13	5	6	10	6	13	4	# of Funds in Cat
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Turnover %

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2021
Fund	5.02	14.35	17.58	12.53	11.12	8.66	Fund Return %
Benchmark	5.62	15.65	18.31	13.05	11.51	6.65	Benchmark Return %
Category	5.55	16.50	16.41	11.19	10.14	-	Category Average %
Rank	59	70	37	22	25	-	% Rank in Category
Funds	326	321	294	265	196	-	# of Funds in Category

## Net Expense



Comparison	1	3	Percentile
Fund vs. Category	2/327	8/290	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

Metric	Fund	Bmark	Cat
Alpha	-1.02	-	-2.09
Beta	1.03	-	1.04
R-Squared	99.49	-	95.40
Standard Deviation	14.06	13.68	14.56
Sharpe Ratio	1.17	1.24	1.08
Tracking Error	1.06	-	3.17
Information Ratio	-0.69	-	-0.54
Up Capture Ratio	99.55	-	98.03
Down Capture Ratio	104.31	-	108.81

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.25	20.56	21.45
Price/Book Ratio	2.74	3.07	3.36
Avg Eff Duration	7.35	6.36	5.14

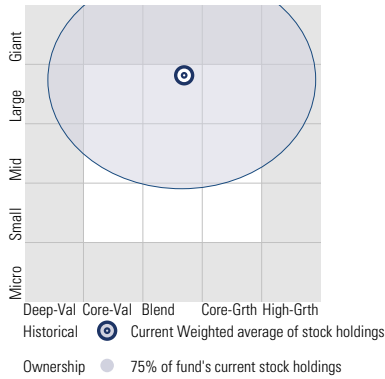
# Vanguard LifeStrategy Growth Inv VASGX

**Morningstar Category**  
Allocation--70% to 85%  
Equity

**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR  
USD

## Style Analysis as of 12-31-2021

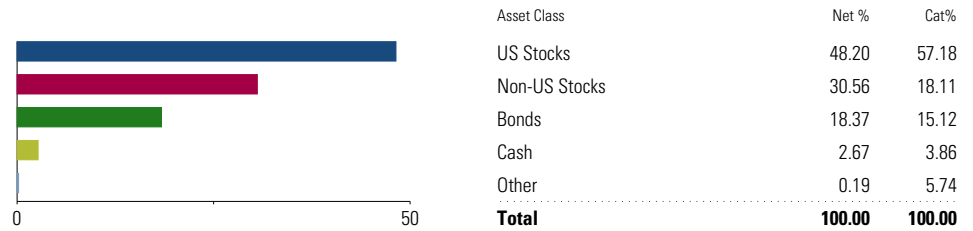
Morningstar Style Box™



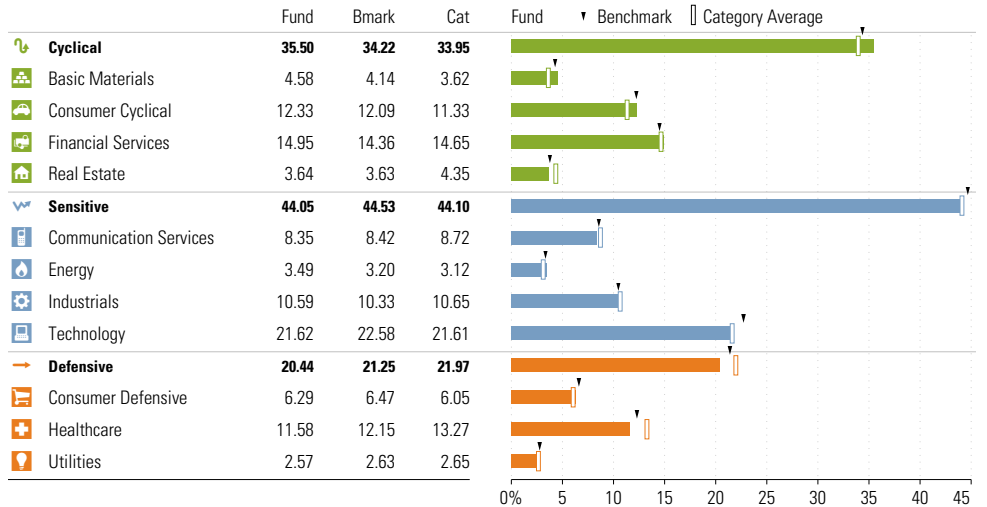
## Style Breakdown



## Asset Allocation as of 12-31-2021



## Sector Weighting as of 12-31-2021



## Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	48.69	48.69	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	31.30	79.99	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.31	93.30	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	4.87	98.18	—	—
⊖ Mktliq 12/31/2049	—	1.10	99.27	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	0.76	100.03	—	—
⊕ Us Dollar	—	0.03	100.07	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Allocation--15% to 30%  
Equity

**Morningstar Index**  
Morningstar US Con Tgt Alloc NR USD

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--15% to 30% Equity category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 27.27 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 88.78% lower than the Allocation--15% to 30% Equity category average.

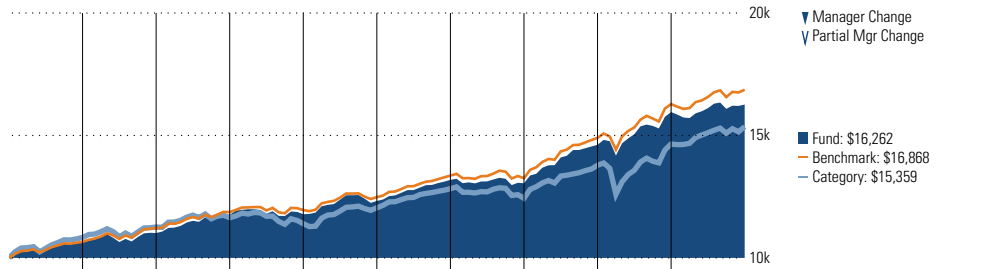
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

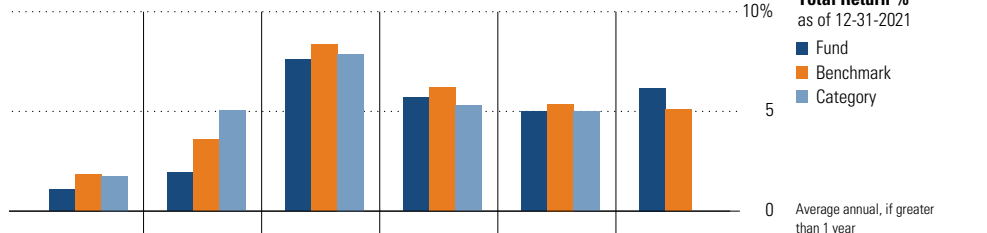
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000



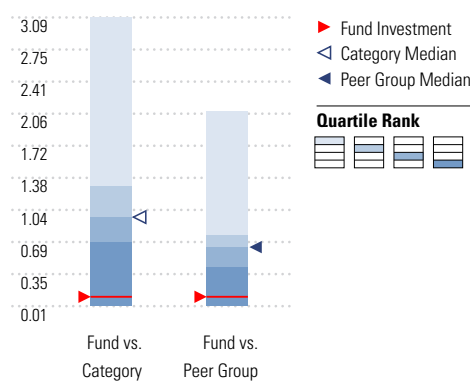
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
2012	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	12.05	9.13	1.92	History
2013	-0.02	-1.84	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.13	-1.69	Total Return %
2014	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	0.85	1.84	-3.12	+/- Benchmark
2015	78	68	4	8	65	49	11	35	27	90	+/- Category
2016	193	215	219	237	216	194	191	192	188	195	Tot Ret % Rank in Cat
2017	8	25	12	14	4	4	9	6	17	7	# of Funds in Cat
2018	-	-	-	-	-	-	-	-	-	-	Turnover %
2019	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Metric
Fund Return %	1.10	1.92	7.61	5.70	4.98	6.18	Fund Return %
Benchmark Return %	1.82	3.61	8.37	6.21	5.37	5.11	Benchmark Return %
Category Average %	1.76	5.04	7.88	5.30	4.99	-	Category Average %
% Rank in Category	73	90	61	39	47	-	% Rank in Category
# of Funds in Category	199	195	182	168	110	-	# of Funds in Category

## Net Expense



Comparison	1	1	Percentile
Fund vs. Category	2/198	1/181	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

Metric	Fund	Bmark	Cat
Alpha	-0.46	-	-2.73
Beta	0.97	-	1.31
R-Squared	96.87	-	82.48
Standard Deviation	4.63	4.70	6.90
Sharpe Ratio	1.44	1.57	1.08
Tracking Error	0.83	-	3.42
Information Ratio	-0.91	-	-0.23
Up Capture Ratio	91.39	-	110.77
Down Capture Ratio	91.87	-	149.27

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.08	21.74	19.90
Price/Book Ratio	2.70	3.31	2.91
Avg Eff Duration	7.38	6.36	3.48

# Vanguard LifeStrategy Income Inv VASIX

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

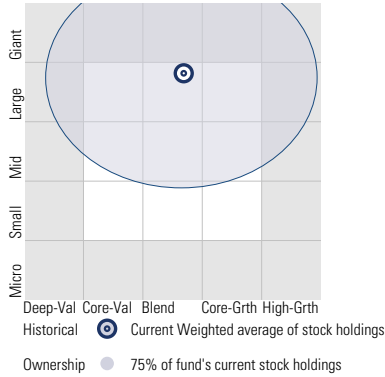
**Morningstar Index**

Morningstar US Con Tgt Alloc NR USD

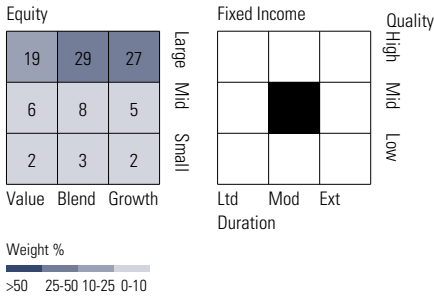
Equity

## Style Analysis as of 12-31-2021

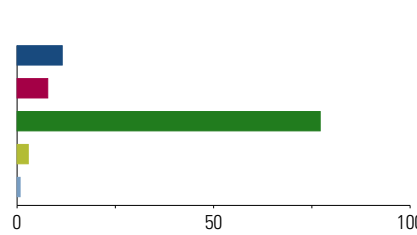
Morningstar Style Box™



## Style Breakdown

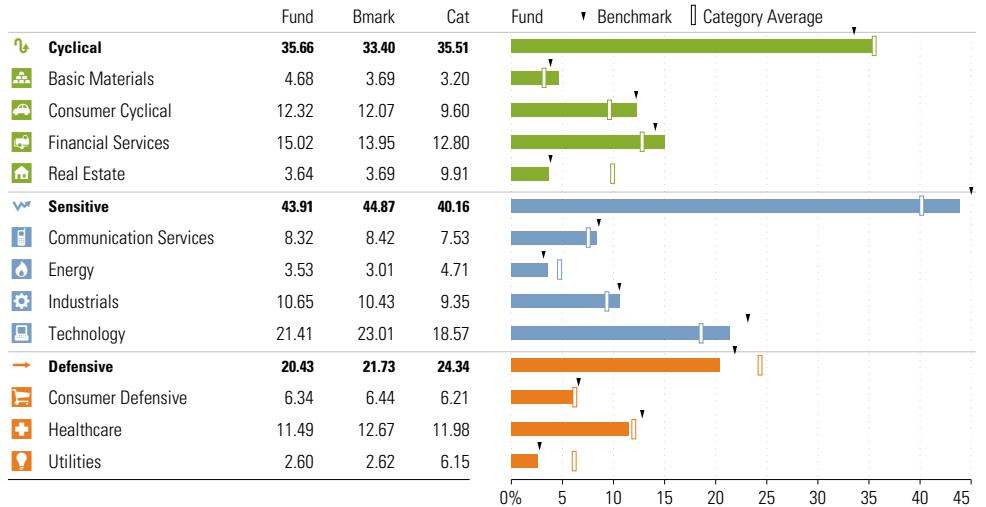


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	11.48	12.96
Non-US Stocks	7.80	3.18
Bonds	77.12	67.30
Cash	2.84	10.68
Other	0.76	5.91
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	54.65	54.65	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	23.24	77.89	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	11.59	89.48	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	8.00	97.48	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.64	99.11	—	—
⊕ Mktliq 12/31/2049	—	0.91	100.02	—	—
⊕ Us Dollar	—	0.02	100.05	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard LifeStrategy Moderate Gr Inv VSMGX

**Morningstar Category**  
Allocation--50% to 70%  
Equity

**Morningstar Index**  
Morningstar US Mod Tgt Alloc NR USD

## Portfolio Manager(s)

Management Team since 09-1994

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--50% to 70% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 27.27 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 Allocation--50% to 70% Equity category average.

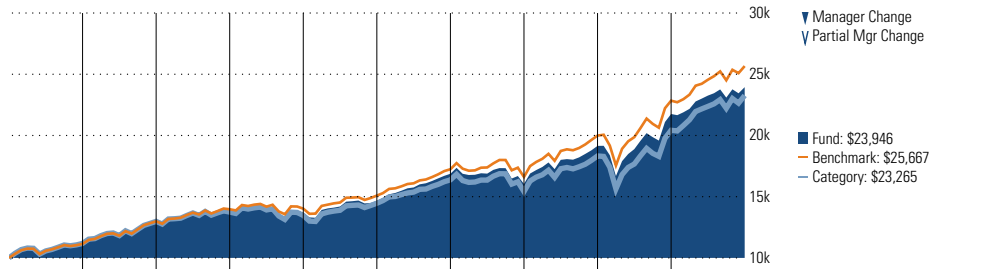
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

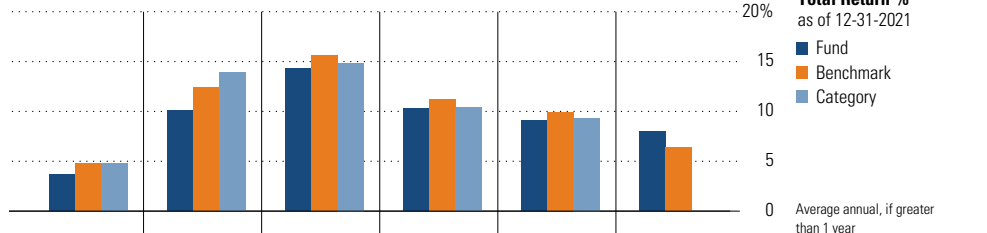
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



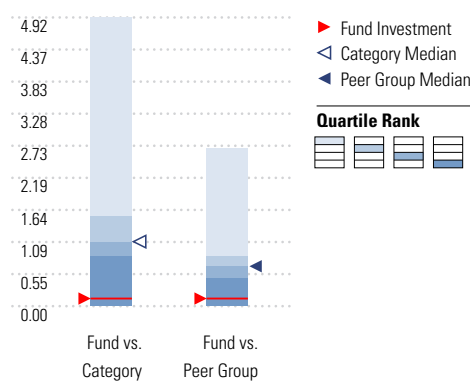
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	13.59	10.08	History	
0.29	-1.49	-0.50	-0.93	-0.47	0.76	-1.25	-0.96	-0.67	-2.29	Total Return %	
0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	1.87	-3.81	+/- Benchmark	
56	68	38	32	42	26	39	53	36	88	+/- Category	
746	786	758	806	759	735	751	725	698	711	Tot Ret % Rank in Cat	
15	15	12	16	9	6	12	9	21	5	# of Funds in Cat	
-	-	-	-	-	-	-	-	-	-	Turnover %	
-	-	-	-	-	-	-	-	-	-	Expense Ratio	

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 12-31-2021
Fund Return %	3.70	10.08	14.28	10.30	9.12	7.99	Fund
Benchmark Return %	4.74	12.37	15.61	11.21	9.88	6.37	Benchmark
Category Average %	4.79	13.89	14.85	10.39	9.33	-	Category
% Rank in Category	80	88	62	52	58	-	
# of Funds in Category	736	711	666	602	434	-	

## Net Expense



Comparison	1	3	Percentile
Fund vs. Category	4/749	18/628	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

Metric	Fund	Bmark	Cat
Alpha	-1.04	-	-1.41
Beta	0.99	-	1.06
R-Squared	99.10	-	93.55
Standard Deviation	10.70	10.74	11.83
Sharpe Ratio	1.23	1.33	1.19
Tracking Error	1.02	-	3.15
Information Ratio	-1.30	-	-0.19
Up Capture Ratio	94.78	-	101.24
Down Capture Ratio	99.68	-	110.25

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.26	21.51	22.00
Price/Book Ratio	2.75	3.35	3.43
Avg Eff Duration	7.35	6.36	5.11

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

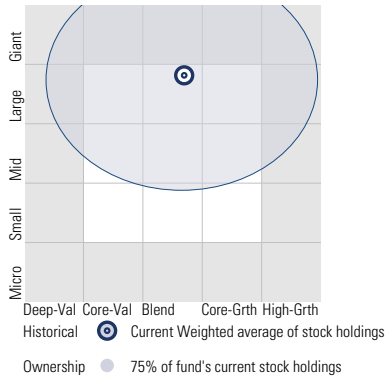
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

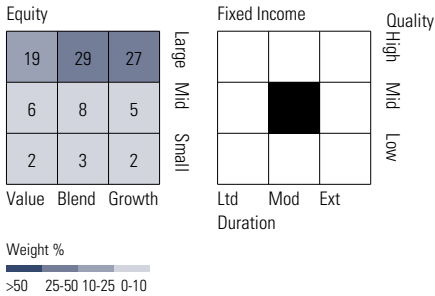
Equity

## Style Analysis as of 12-31-2021

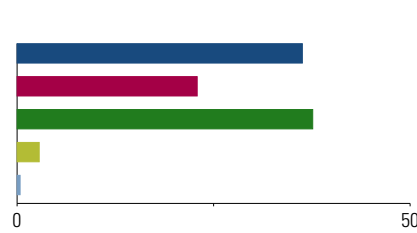
Morningstar Style Box™



## Style Breakdown

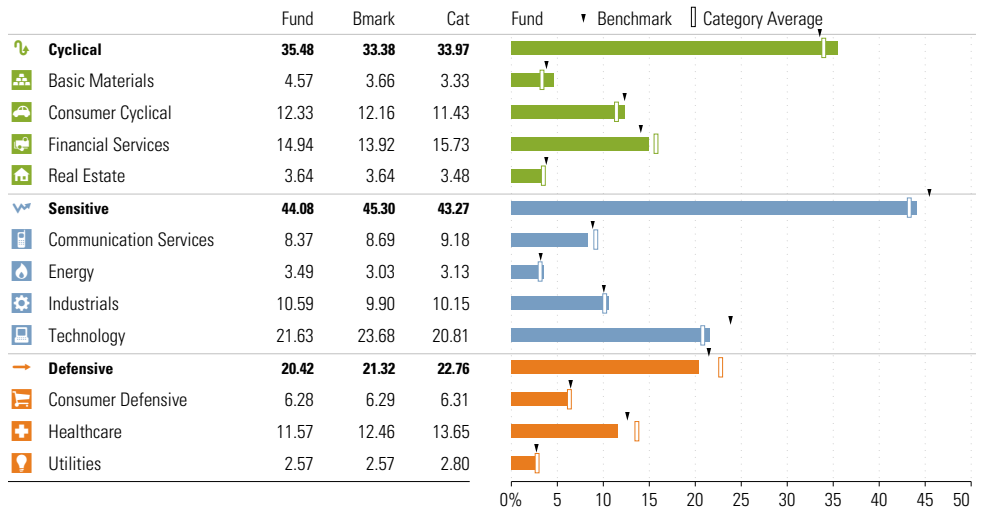


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	36.29	48.87
Non-US Stocks	22.91	11.39
Bonds	37.61	31.64
Cash	2.81	5.03
Other	0.38	3.06
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 7 Holdings as of 12-31-2021

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	36.66	36.66	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	27.19	63.86	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	23.46	87.32	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	10.09	97.41	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.50	98.91	—	—
⊕ Mktliq 12/31/2049	—	1.11	100.02	—	—
⊕ Us Dollar	—	0.02	100.05	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

✔ **Style:** The fund has landed in its primary style box — Small Value — 80 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.02% lower than the Small Value category average.

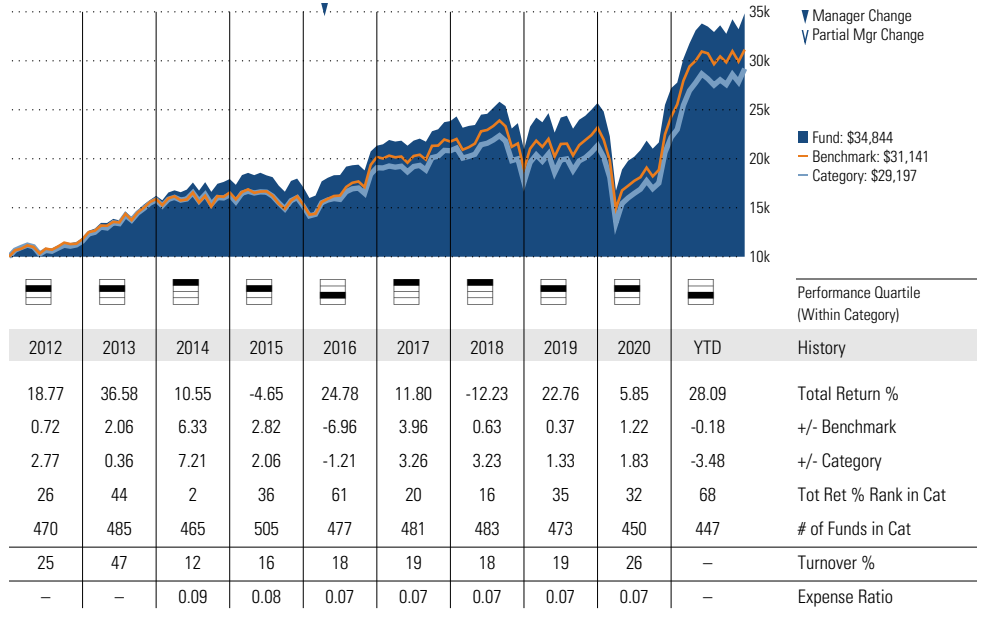
## Morningstar Investment Management LLC Analysis

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.

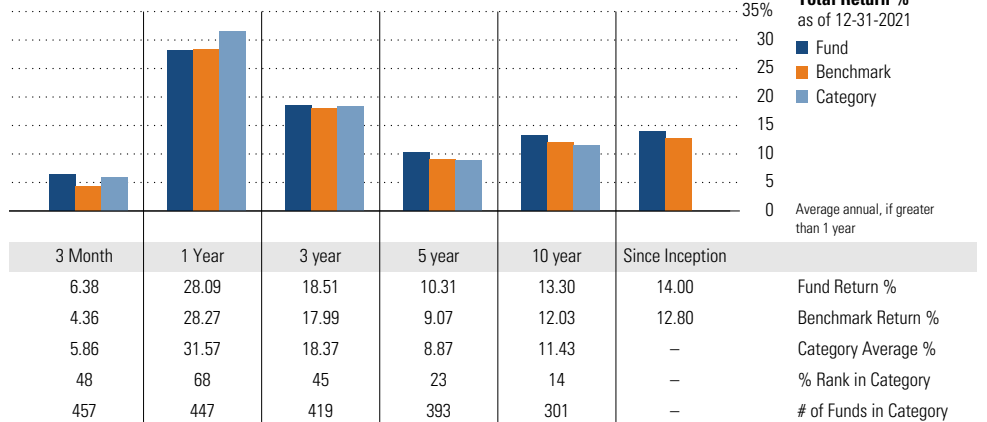
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021

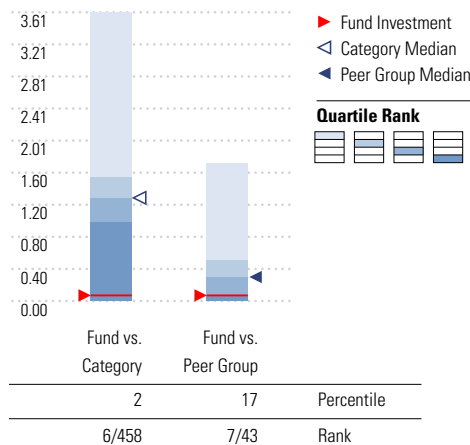
## Growth of \$10,000



## Trailing Performance



## 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.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.06	—	0.44
Beta	0.96	—	1.01
R-Squared	97.78	—	95.25
Standard Deviation	24.66	25.35	26.37
Sharpe Ratio	0.78	0.75	0.75
Tracking Error	3.80	—	6.12
Information Ratio	0.14	—	0.09
Up Capture Ratio	97.09	—	102.29
Down Capture Ratio	93.77	—	101.99

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	13.79	13.35	14.51
Price/Book Ratio	2.00	1.62	1.80
Geom Avg Mkt Cap \$B	5.77	2.32	4.32
ROE	16.29	7.58	16.24

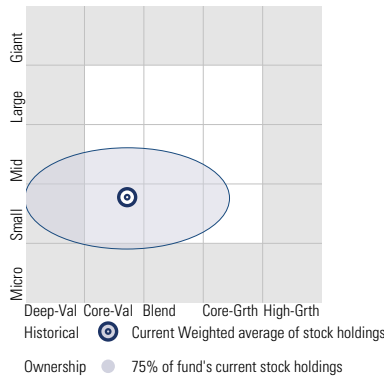
# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

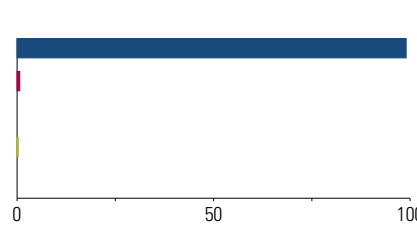
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Asset Allocation as of 12-31-2021

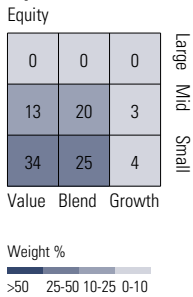


Asset Class	Net %	Cat%
US Stocks	99.00	95.55
Non-US Stocks	0.68	2.88
Bonds	0.00	-0.03
Cash	0.31	1.51
Other	0.00	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>51.47</b>	<b>50.44</b>	<b>51.78</b>			
Basic Materials	6.25	4.05	6.42			
Consumer Cyclical	12.75	8.33	13.68			
Financial Services	20.76	23.86	24.19			
Real Estate	11.71	14.20	7.49			
<b>Sensitive</b>	<b>34.56</b>	<b>30.32</b>	<b>35.55</b>			
Communication Services	1.98	3.72	2.07			
Energy	5.24	6.25	5.54			
Industrials	18.83	14.09	19.13			
Technology	8.51	6.26	8.81			
<b>Defensive</b>	<b>13.98</b>	<b>19.24</b>	<b>12.69</b>			
Consumer Defensive	4.22	3.80	4.03			
Healthcare	5.59	10.43	5.71			
Utilities	4.17	5.01	2.95			

## Style Breakdown



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Signature Bank	0.61	0.61	140.75	Financial Services
Diamondback Energy Inc	0.61	1.22	126.45	Energy
VICI Properties Inc Ordinary Shares	0.59	1.81	23.49	Real Estate
Molina Healthcare Inc	0.58	2.39	49.56	Healthcare
IDEX Corp	0.56	2.96	19.70	Industrials
Nuance Communications Inc	0.55	3.51	25.47	Technology
Brown & Brown Inc	0.53	4.04	49.04	Financial Services
Builders FirstSource Inc	0.51	4.55	110.02	Industrials
Quanta Services Inc	0.51	5.06	59.46	Industrials
Kimco Realty Corp	0.47	5.53	68.75	Real Estate
The Mosaic Co	0.45	5.99	71.95	Basic Materials
Medical Properties Trust Inc	0.44	6.43	13.58	Real Estate
Atmos Energy Corp	0.43	6.86	12.46	Utilities
Jones Lang LaSalle Inc	0.42	7.29	81.53	Real Estate
RPM International Inc	0.41	7.70	12.95	Basic Materials

**Total Holdings 1003**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Windsor™ II Admiral™ VWNAX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

George Davis since 12-2003  
 Andrew Lacey since 01-2007  
 John Mahedy since 01-2010  
 Lewis Sanders since 01-2010  
 Ronald Temple since 07-2018  
 Scott McBride since 01-2019  
 Gregory Padilla since 12-2019  
 Howard Gleicher since 12-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large 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 18.07 years.

✗ **Style:** The fund has landed in its primary style box — Large Value — 50 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 72.04% lower than the Large Value category average.

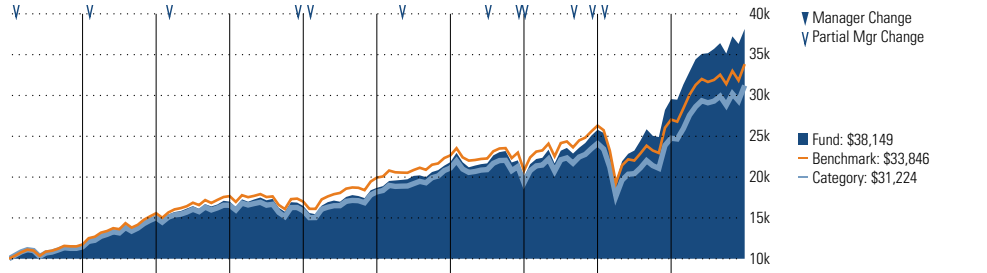
## Morningstar Investment Management LLC Analysis

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

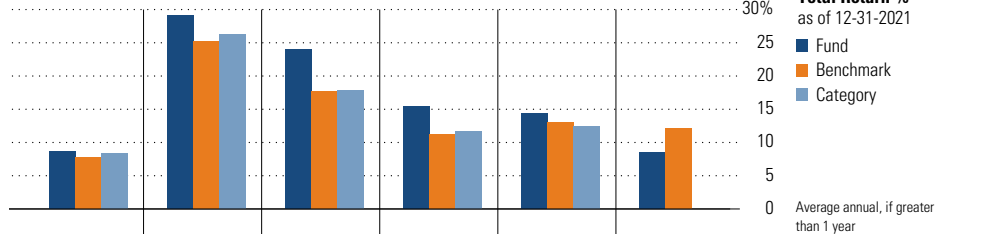
Metric	Rating	Updated
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



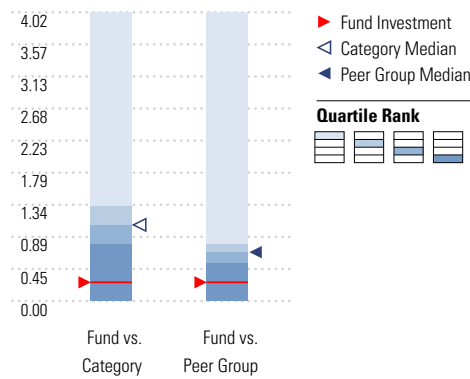
2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Performance Quartile (Within Category)
16.80	30.80	11.26	-3.14	13.49	16.89	-8.53	29.16	14.53	29.08	History
-0.71	-1.73	-2.19	0.69	-3.85	3.23	-0.26	2.62	11.73	3.92	Total Return %
2.23	-0.41	1.05	0.91	-1.32	0.95	0.00	4.12	11.62	2.86	+/- Benchmark
25	58	39	40	62	40	48	13	4	23	+/- Category
1,335	1,371	1,345	1,435	1,339	1,322	1,341	1,285	1,251	1,212	Tot Ret % Rank in Cat
22	27	27	26	33	32	29	32	61	20	# of Funds in Cat
-	-	0.28	0.26	0.25	0.26	0.25	0.25	0.26	0.26	Turnover %
										Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	Average annual, if greater than 1 year
8.58	29.08	24.06	15.35	14.33	8.55	Fund Return %
7.77	25.16	17.64	11.16	12.97	12.07	Benchmark Return %
8.42	26.22	17.82	11.68	12.39	-	Category Average %
45	23	4	5	8	-	% Rank in Category
1,243	1,212	1,148	1,041	759	-	# of Funds in Category

## 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.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	5.63	-	0.36
Beta	0.99	-	0.99
R-Squared	98.06	-	95.52
Standard Deviation	19.24	19.33	19.52
Sharpe Ratio	1.18	0.90	0.90
Tracking Error	2.69	-	4.42
Information Ratio	2.39	-	0.01
Up Capture Ratio	108.44	-	99.01
Down Capture Ratio	86.59	-	97.88

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.10	18.35	17.61
Price/Book Ratio	2.83	2.56	2.77
Geom Avg Mkt Cap \$B	141.42	78.33	125.20
ROE	23.62	17.59	24.57

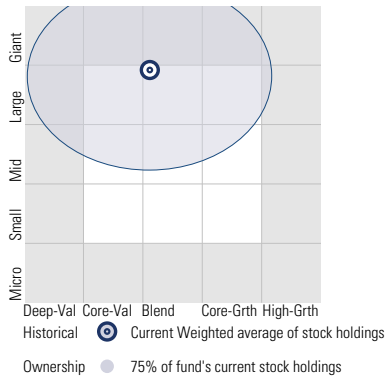
# Vanguard Windsor™ II Admiral™ VWNAX

**Morningstar Category**  
Large Value

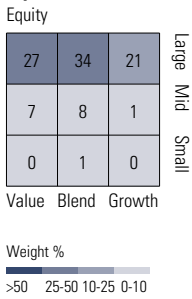
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 12-31-2021

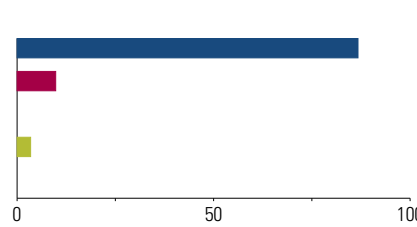
Morningstar Style Box™



## Style Breakdown

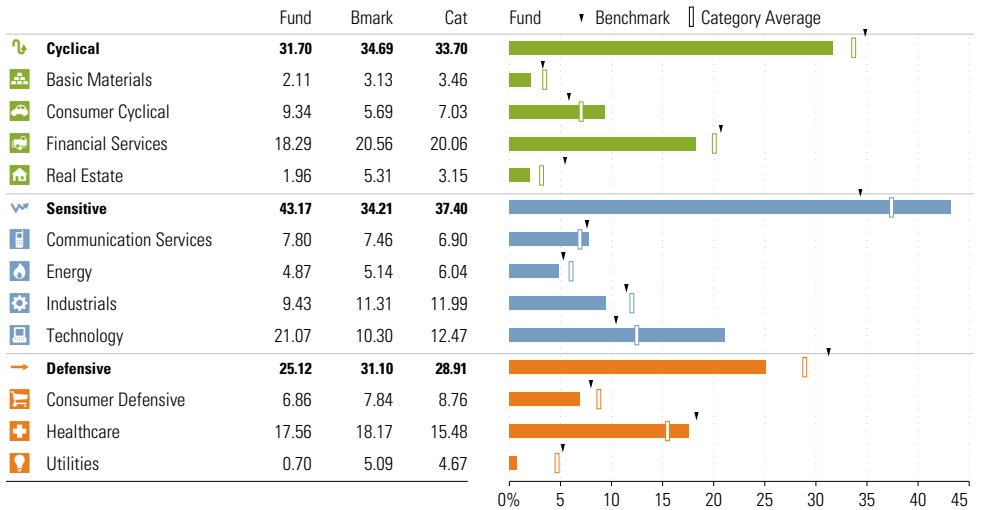


## Asset Allocation as of 12-31-2021



Asset Class	Net %	Cat%
US Stocks	86.74	92.38
Non-US Stocks	9.82	5.73
Bonds	0.00	0.30
Cash	3.44	1.37
Other	0.00	0.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2021



## Top 15 Holdings as of 12-31-2021

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	5.32	5.32	52.24	Technology
Mktliq 12/31/2049	3.41	8.74	-	-
Alphabet Inc Class A	3.09	11.83	65.30	Communication Svc
Medtronic PLC	2.00	13.83	-9.58	Healthcare
Danaher Corp	1.63	15.46	48.49	Healthcare
Johnson & Johnson	1.60	17.05	11.36	Healthcare
Procter & Gamble Co	1.57	18.62	20.01	Consumer Defensive
UnitedHealth Group Inc	1.54	20.16	44.79	Healthcare
Wells Fargo & Co	1.51	21.67	60.97	Financial Services
Amazon.com Inc	1.48	23.15	2.38	Consumer Cyclical
Anthem Inc	1.48	24.63	45.77	Healthcare
Bank of America Corp	1.47	26.10	49.36	Financial Services
Citigroup Inc	1.45	27.55	1.25	Financial Services
Honeywell International Inc	1.42	28.97	-0.20	Industrials
Alphabet Inc Class C	1.38	30.35	65.17	Communication Svc

**Total Holdings 187**

⊕ Increase ⊖ Decrease ✨ New to Portfolio