

# American Funds Europacific Growth R6 RERGX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 19.35 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 0.46 is 57.8% lower than the Foreign Large Growth category average.

## Morningstar Investment Management LLC Analysis

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

## Growth of \$10,000



## 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	5.06	-	6.53
Beta	1.08	-	0.99
R-Squared	93.44	-	-
Standard Deviation	17.32	15.45	16.45
Sharpe Ratio	0.31	0.01	0.39
Tracking Error	4.62	-	6.04
Information Ratio	1.09	-	1.09
Up Capture Ratio	119.07	-	112.94
Down Capture Ratio	95.90	-	83.01

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	29.69	19.92	27.17
Price/Book Ratio	2.69	1.54	3.47
Geom Avg Mkt Cap \$B	54.79	36.00	51.10
ROE	12.41	12.77	16.53

# American Funds Europacific Growth R6 RERGX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	0.63	7.02
Non-US Stocks	94.83	89.91
Bonds	0.06	-0.01
Cash	4.45	2.55
Other	0.02	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	46.90	32.77	Americas	11.64	12.36	Greater Europe	41.45	54.86	Developed Markets	70.27
Japan	15.22	13.77	North America	4.56	10.45	United Kingdom	8.39	10.50	Emerging Markets	29.73
Australasia	1.10	1.77	Central/Latin	7.08	1.91	W euro-ex UK	31.31	42.96	Not Available	0.00
Asia-4 Tigers	8.93	6.25				Emrgng Europe	0.75	0.39		
Asia-ex 4 Tigers	21.65	10.98				Africa	1.00	1.01		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	4.48	4.48	-	-
⊖ Reliance Industries Ltd	3.61	8.09	49.41	Energy
⊖ Alibaba Group Holding Ltd Ordinary Shares	2.75	10.83	-	Consumer Cyclical
⊖ ASML Holding NV	2.34	13.18	19.85	Technology
⊖ AIA Group Ltd	2.24	15.42	-5.64	Financial Services
⊕ Daiichi Sankyo Co Ltd	2.21	17.63	36.19	Healthcare
⊖ MercadoLibre Inc	2.11	19.74	89.26	Consumer Cyclical
⊖ Shopify Inc A	1.71	21.46	163.74	Technology
⊖ Keyence Corp	1.71	23.17	27.77	Technology
⊕ Taiwan Semiconductor Manufacturing Co Ltd	1.68	24.85	33.08	Technology

**Total Holdings 333**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large Stock

**Morningstar Index**  
MSCI ACWI Large Cap 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  
Jody Jonsson since 12-2005  
Noriko Chen since 04-2012  
Andraz Razen since 07-2015

## Quantitative Screens

✔ **Performance:** The fund has finished in the World Large Stock 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 19.84 years.

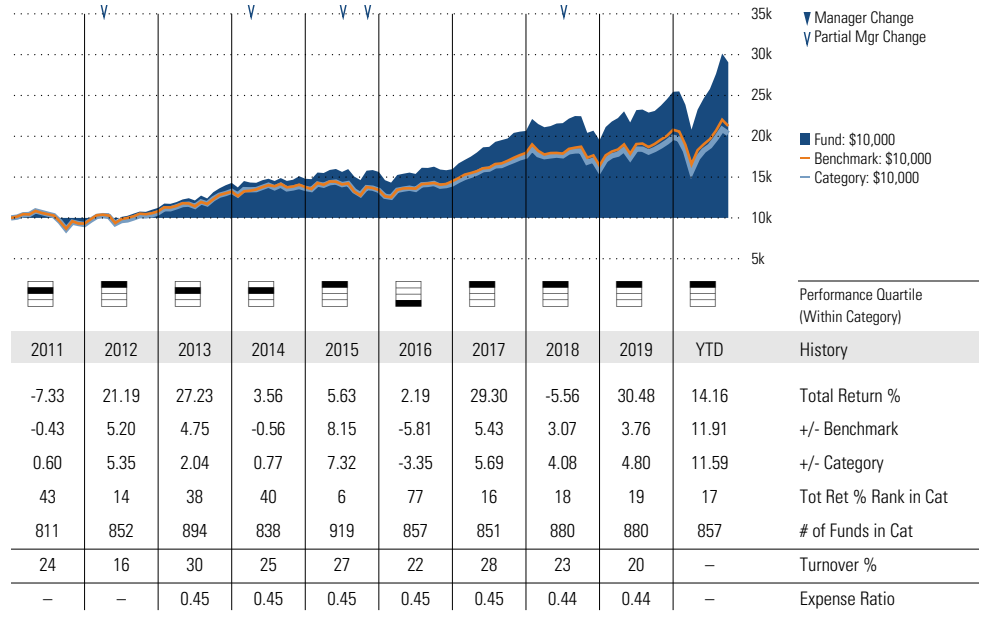
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 61.82% lower than the World Large Stock category average.

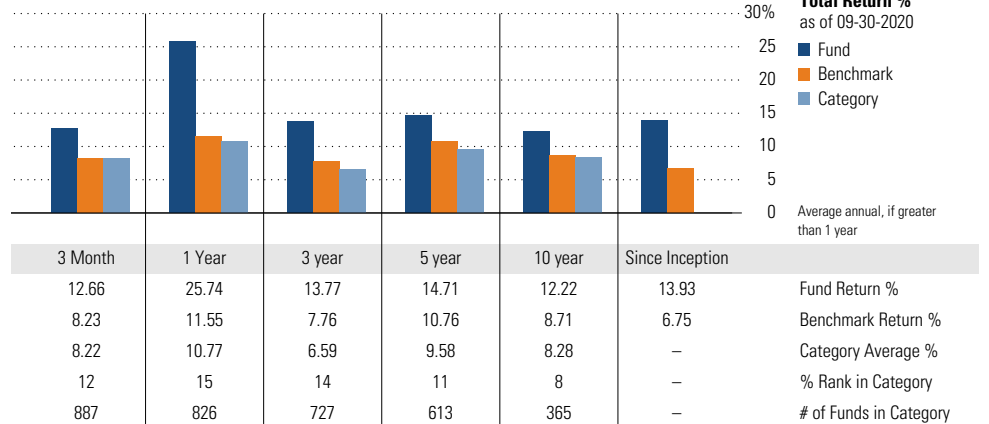
## Morningstar Investment Management LLC Analysis

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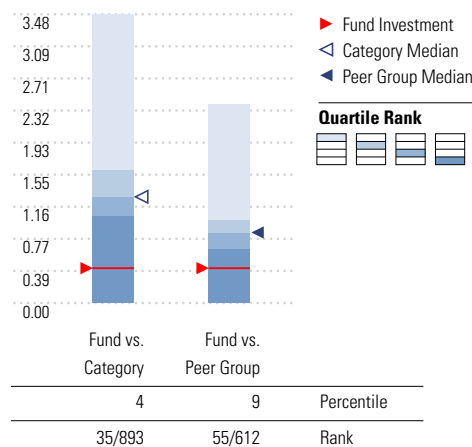
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	5.22	-	-0.63
Beta	1.05	-	0.99
R-Squared	96.37	-	92.62
Standard Deviation	17.67	16.54	17.06
Sharpe Ratio	0.73	0.44	0.38
Tracking Error	3.47	-	4.80
Information Ratio	1.73	-	-0.21
Up Capture Ratio	114.13	-	95.09
Down Capture Ratio	90.82	-	97.56

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	32.29	16.67	23.35
Price/Book Ratio	3.92	2.05	2.62
Geom Avg Mkt Cap \$B	104.13	65.35	92.85
ROE	17.26	19.21	19.71

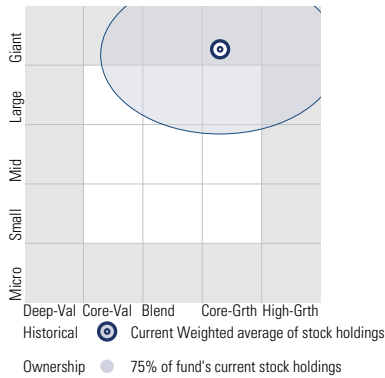
# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large Stock

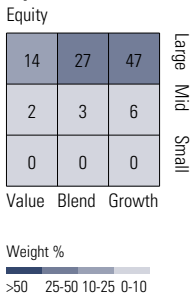
**Morningstar Index**  
MSCI ACWI Large Cap NR USD

## Style Analysis as of 09-30-2020

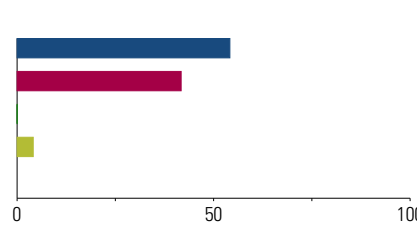
Morningstar Style Box™



## Style Breakdown

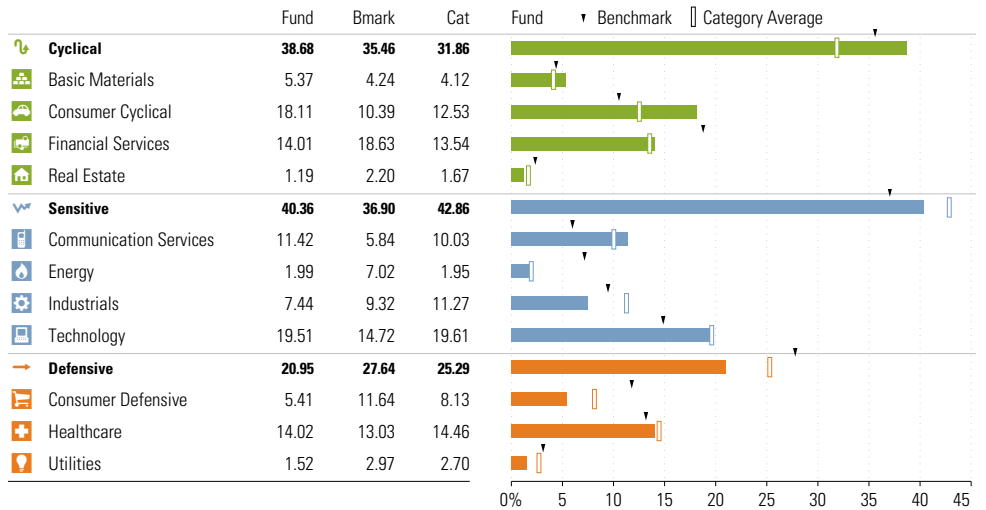


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	54.14	55.34
Non-US Stocks	41.74	41.00
Bonds	0.02	0.36
Cash	4.10	2.66
Other	0.00	0.65
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	14.00	16.20	Americas	60.18	60.26	Greater Europe	25.83	23.54	Developed Markets	94.90
Japan	4.41	6.27	North America	58.16	59.42	United Kingdom	4.56	5.45	Emerging Markets	5.10
Australasia	0.43	0.68	Central/Latin	2.02	0.84	W euro-ex UK	20.21	17.37	Not Available	0.00
Asia-4 Tigers	6.98	3.56				Emrgng Europe	0.30	0.22		
Asia-ex 4 Tigers	2.18	5.69				Africa	0.76	0.50		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Tesla Inc	6.51	6.51	412.77	Consumer Cyclical
⊖ Capital Group Central Cash Fund	4.27	10.77	—	—
⊖ Amazon.com Inc	3.41	14.18	70.40	Consumer Cyclical
⊖ Facebook Inc A	3.27	17.46	27.60	Communication Svc
⊖ Microsoft Corp	3.00	20.46	34.34	Technology
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.81	23.27	33.08	Technology
⊕ Mastercard Inc A	1.84	25.10	13.66	Financial Services
⊕ Netflix Inc	1.57	26.68	54.54	Communication Svc
⊖ ASML Holding NV	1.27	27.95	19.85	Technology
⊖ PayPal Holdings Inc	1.19	29.14	82.15	Financial Services

**Total Holdings 316**

⊕ 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

## 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 21.3 years.

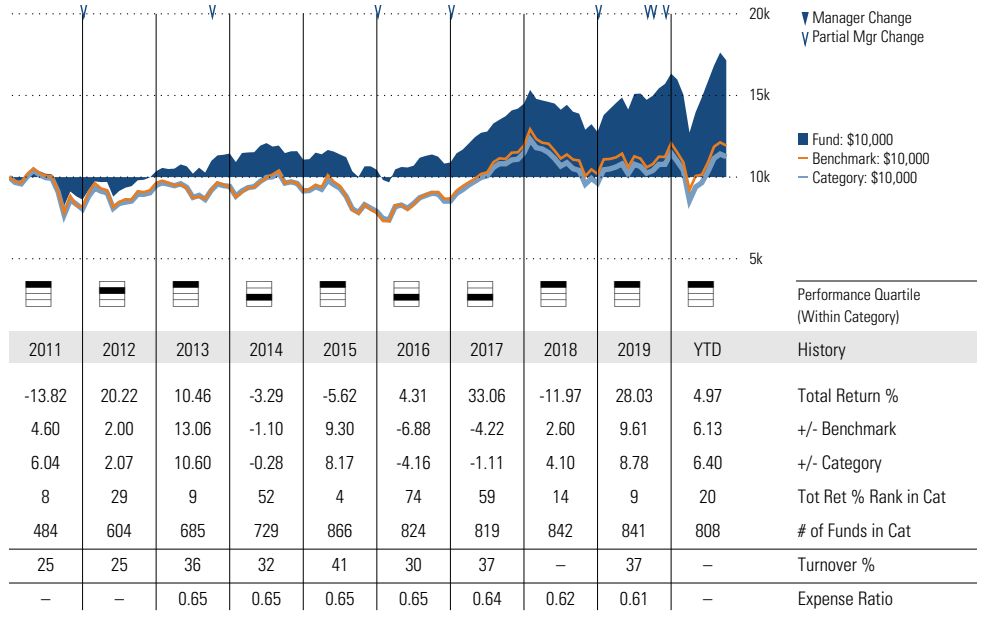
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.6 is 51.22% lower than the Diversified Emerging Mkts category average.

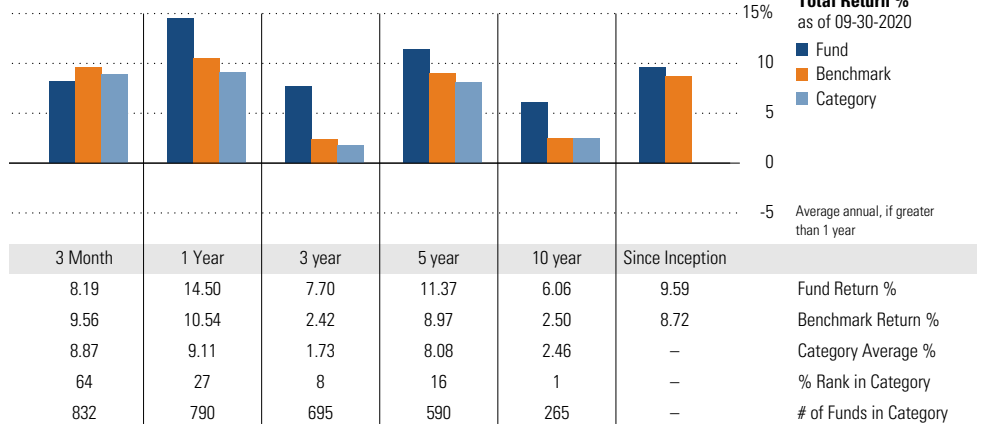
## Morningstar Investment Management LLC Analysis

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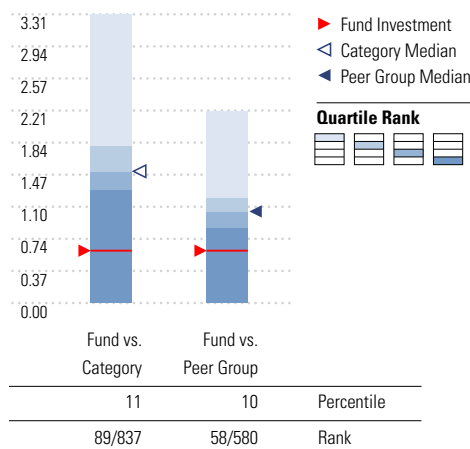
## Growth of \$10,000



## 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	5.35	-	0.02
Beta	0.85	-	0.98
R-Squared	89.00	-	91.09
Standard Deviation	17.07	18.94	19.57
Sharpe Ratio	0.43	0.13	0.13
Tracking Error	6.33	-	5.63
Information Ratio	0.83	-	-0.06
Up Capture Ratio	99.06	-	98.28
Down Capture Ratio	78.51	-	98.99

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	29.59	16.62	18.96
Price/Book Ratio	3.15	1.72	2.30
Geom Avg Mkt Cap \$B	54.35	45.93	53.07
ROE	16.26	15.20	16.94

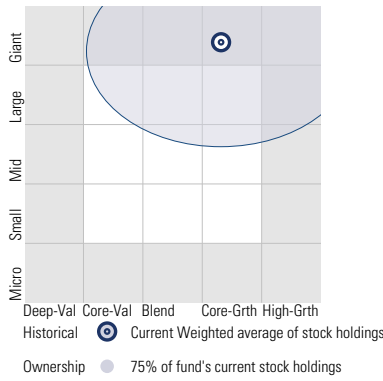
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 09-30-2020

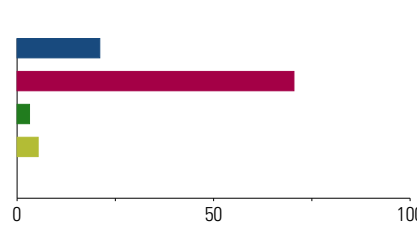
Morningstar Style Box™



## Style Breakdown

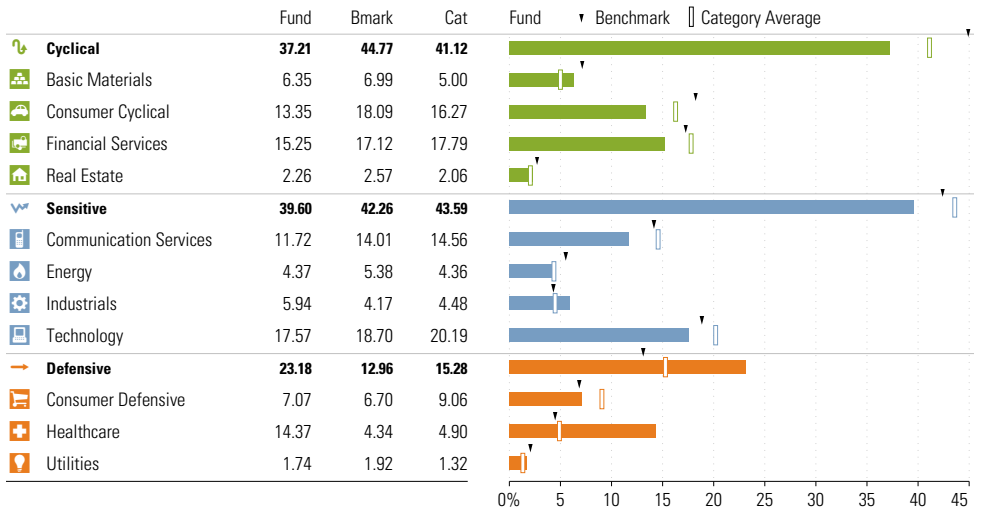


## Asset Allocation as of 09-30-2020

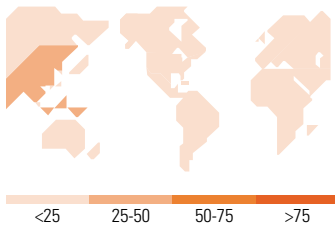


Asset Class	Net %	Cat%
US Stocks	21.04	2.88
Non-US Stocks	70.44	94.80
Bonds	3.16	0.04
Cash	5.36	1.44
Other	0.00	0.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	41.66	75.71	Americas	35.10	11.45	Greater Europe	23.24	12.84	Developed Markets	55.99
Japan	4.48	0.25	North America	23.80	2.27	United Kingdom	2.90	0.61	Emerging Markets	44.01
Australasia	0.51	0.00	Central/Latin	11.30	9.18	W euro-ex UK	16.62	1.87	Not Available	0.00
Asia-4 Tigers	7.44	24.54				Emrgng Europe	1.76	5.79		
Asia-ex 4 Tigers	29.23	50.92				Africa	1.96	4.57		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.37	5.37	—	—
⊖ Reliance Industries Ltd	2.52	7.88	49.41	Energy
⊖ Microsoft Corp	2.49	10.37	34.34	Technology
⊖ Alibaba Group Holding Ltd Ordinary Shares	2.28	12.65	—	Consumer Cyclical
⊖ Tencent Holdings Ltd	2.08	14.73	36.50	Communication Svc
⊖ Kweichow Moutai Co Ltd	1.79	16.51	42.48	Consumer Defensive
⊖ MercadoLibre Inc	1.71	18.22	89.26	Consumer Cyclical
⊖ Taiwan Semiconductor Manufacturing Co Ltd	1.69	19.91	33.08	Technology
Kotak Mahindra Bank Ltd	1.46	21.37	-24.71	Financial Services
⊖ Facebook Inc A	1.45	22.82	27.60	Communication Svc

**Total Holdings 539**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# JPMorgan Equity Income R6 OIEJX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Clare Hart since 08-2004  
David Silberman since 11-2019  
Andrew Brandon since 11-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large 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 16.18 years.

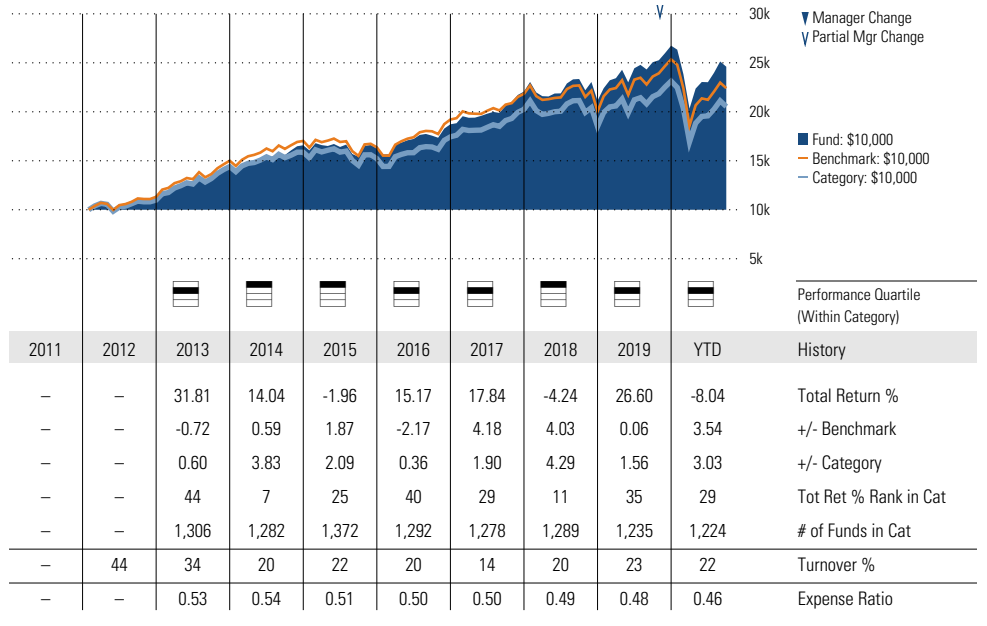
✔ **Style:** The fund has landed in its primary style box — Large Value — 82.86 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.49 is 47.87% lower than the Large Value category average.

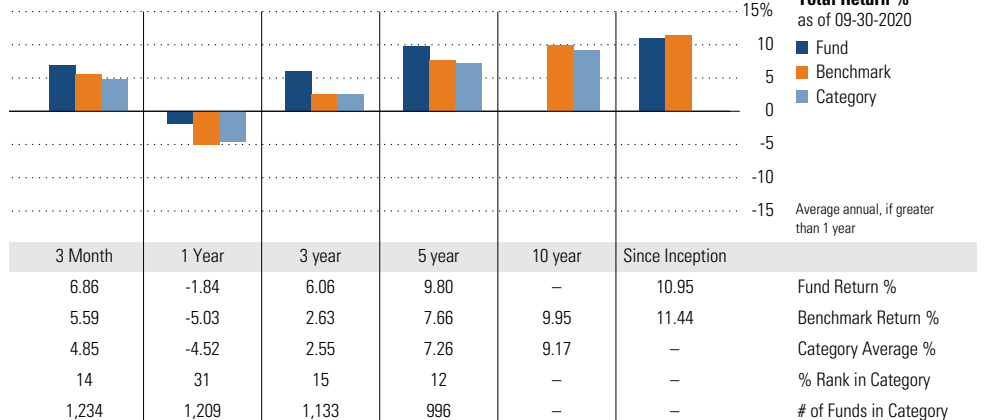
## Morningstar Investment Management LLC Analysis

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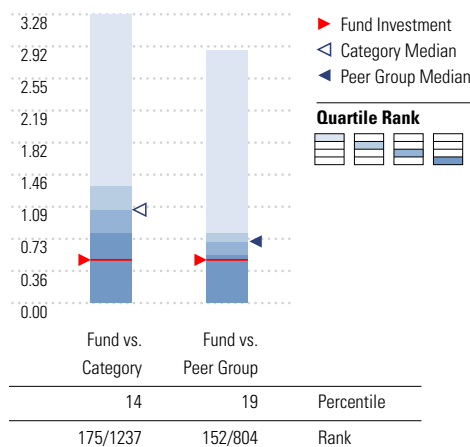
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	3.41	-	-0.21
Beta	0.90	-	0.99
R-Squared	98.71	-	96.08
Standard Deviation	16.68	18.33	18.50
Sharpe Ratio	0.34	0.15	0.14
Tracking Error	2.58	-	3.93
Information Ratio	1.33	-	-0.07
Up Capture Ratio	101.63	-	99.08
Down Capture Ratio	87.18	-	100.37

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	20.81	21.67	19.07
Price/Book Ratio	2.46	2.42	1.79
Geom Avg Mkt Cap \$B	86.91	64.52	92.25
ROE	19.80	17.16	15.63

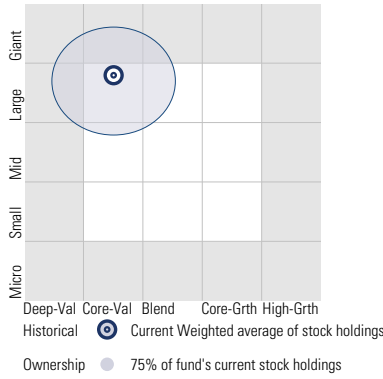
# JPMorgan Equity Income R6 OIEJX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 09-30-2020

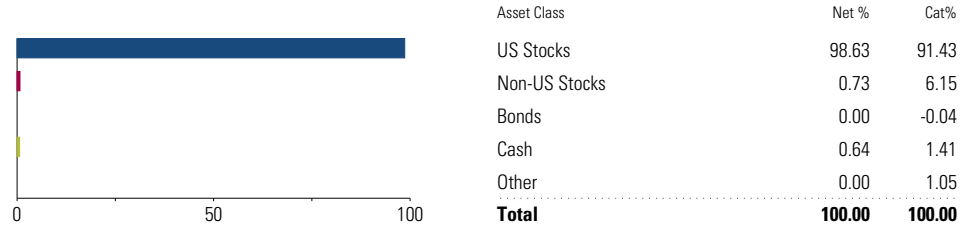
Morningstar Style Box™



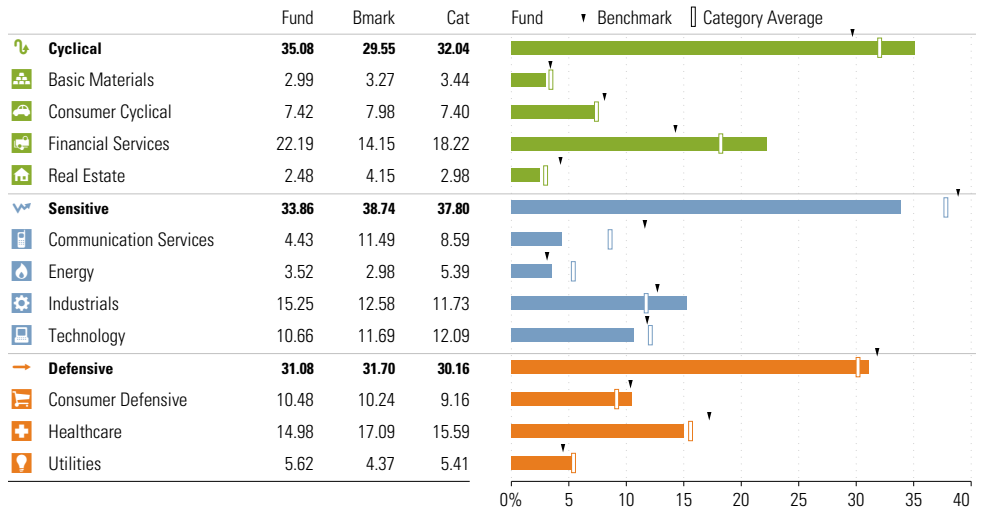
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Comcast Corp Class A	2.56	2.56	4.36	Communication Svc
Johnson & Johnson	2.45	5.01	4.10	Healthcare
Bristol-Myers Squibb Company	2.43	7.44	-3.97	Healthcare
Texas Instruments Inc	2.39	9.84	13.41	Technology
Bank of America Corp	2.35	12.19	-30.07	Financial Services
BlackRock Inc	2.30	14.49	14.27	Financial Services
The Home Depot Inc	2.21	16.69	29.23	Consumer Cyclical
CME Group Inc Class A	2.16	18.86	-15.37	Financial Services
Medtronic PLC	2.06	20.92	-6.90	Healthcare
NextEra Energy Inc	1.96	22.88	16.35	Utilities
UnitedHealth Group Inc	1.88	24.76	7.27	Healthcare
Analog Devices Inc	1.87	26.63	-0.20	Technology
Dover Corp	1.86	28.49	-4.72	Industrials
Procter & Gamble Co	1.84	30.33	13.14	Consumer Defensive
Verizon Communications Inc	1.84	32.17	-0.11	Communication Svc

## Total Holdings 93

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# JPMorgan SmartRetirement® 2020 R6 JTTYX

**Morningstar Category**  
Target-Date 2020

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

## Portfolio Manager(s)

Jeffrey Geller since 07-2008

Daniel Oldroyd since 11-2010

Silvia Trillo since 02-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 5 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.25 years.

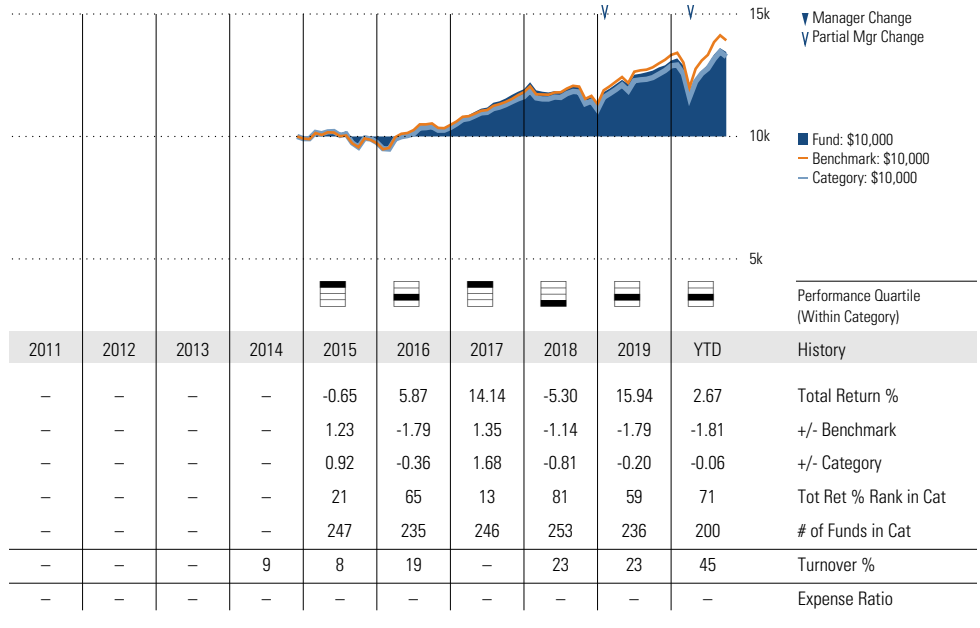
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 38.89% lower than the Target-Date 2020 category average.

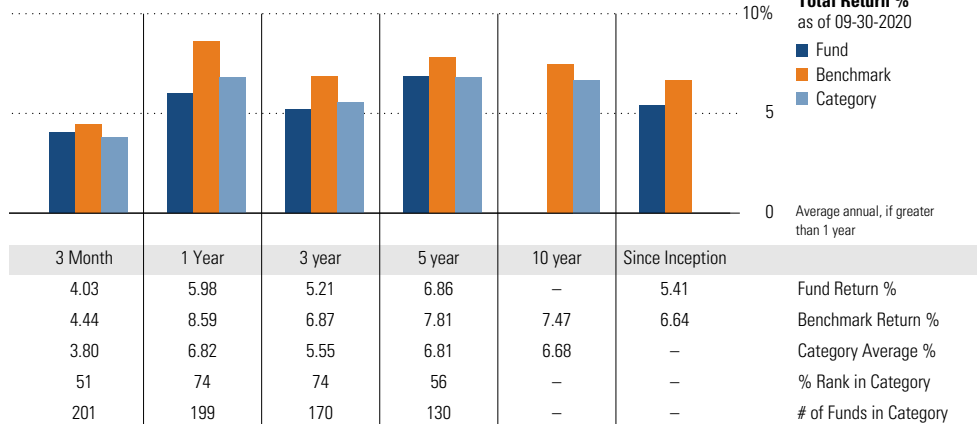
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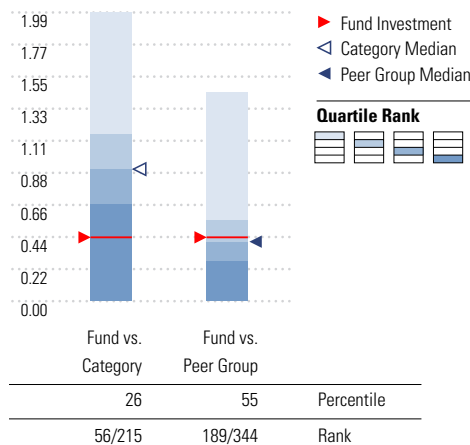
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-1.19	-	-1.04
Beta	0.94	-	0.93
R-Squared	97.53	-	95.56
Standard Deviation	8.49	8.91	8.43
Sharpe Ratio	0.45	0.61	0.45
Tracking Error	1.43	-	2.06
Information Ratio	-1.16	-	-0.79
Up Capture Ratio	89.02	-	87.78
Down Capture Ratio	99.22	-	96.31

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.71	21.33	22.48
Price/Book Ratio	2.64	2.13	2.37
Avg Eff Duration	4.57	9.25	5.13

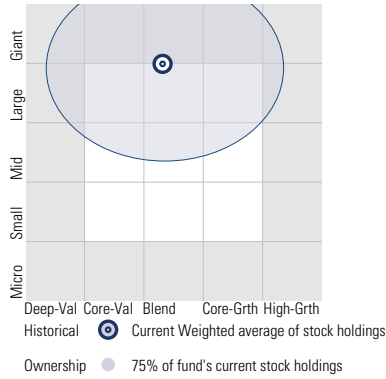
# JPMorgan SmartRetirement® 2020 R6 JTTYX

**Morningstar Category**  
Target-Date 2020

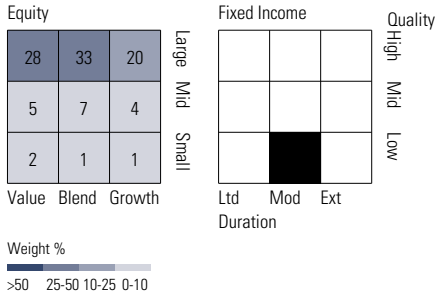
**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Style Analysis as of 09-30-2020

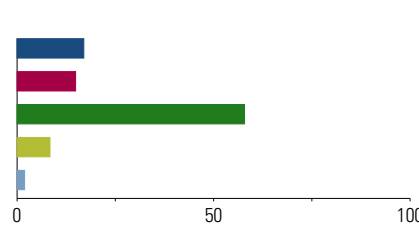
Morningstar Style Box™



## Style Breakdown

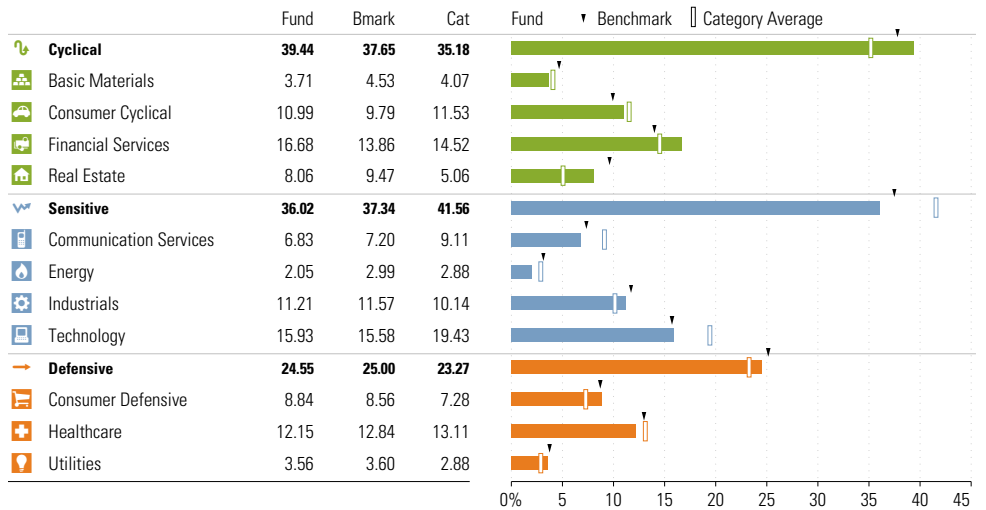


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	16.97	27.34
Non-US Stocks	14.89	14.95
Bonds	57.87	45.94
Cash	8.36	5.14
Other	1.91	6.63
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	—	23.03	23.03	—	—
⊖ JPMorgan Short Duration Core Plus R6	—	14.38	37.40	—	—
⊖ JPMorgan US Equity R6	—	8.25	45.65	—	—
⊕ JPMorgan High Yield R6	—	7.85	53.50	—	—
⊖ JPMorgan Inflation Managed Bond R6	—	6.63	60.13	—	—
⊖ JPMorgan Equity Income R6	—	5.75	65.88	—	—
⊖ JPMorgan International Equity R6	—	5.53	71.41	—	—
⊕ JPMorgan Corporate Bond R6	—	5.08	76.49	—	—
⊖ JPMorgan Emerging Markets Equity R6	—	3.92	80.41	—	—
⊖ JPMorgan International Rsrch Enh Eq R6	—	3.80	84.22	—	—

## Total Holdings 23

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan SmartRetirement® 2025 R6 JNSYX

**Morningstar Category**  
Target-Date 2025

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

## Portfolio Manager(s)

Jeffrey Geller since 07-2008  
Daniel Oldroyd since 11-2010  
Silvia Trillo since 02-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 4 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.25 years.

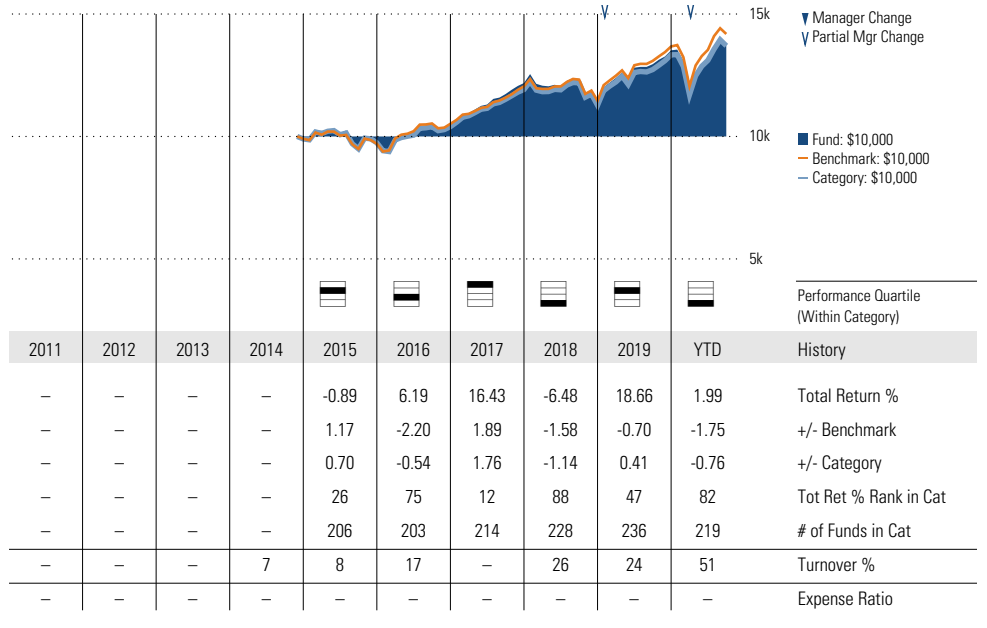
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.45 is 36.62% 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.

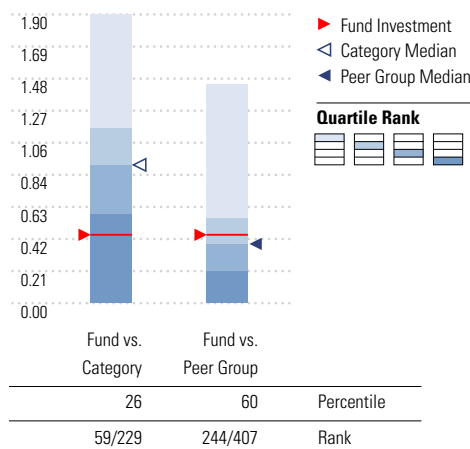
## Growth of \$10,000



## 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	-1.52	-	-0.97
Beta	1.02	-	1.00
R-Squared	98.64	-	97.86
Standard Deviation	10.44	10.11	10.17
Sharpe Ratio	0.41	0.56	0.46
Tracking Error	1.24	-	1.75
Information Ratio	-1.17	-	-0.62
Up Capture Ratio	96.10	-	96.02
Down Capture Ratio	107.40	-	103.60

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.70	21.19	22.45
Price/Book Ratio	2.63	2.11	2.38
Avg Eff Duration	4.78	10.19	5.85

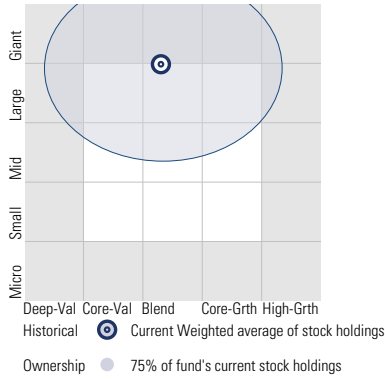
# JPMorgan SmartRetirement® 2025 R6 JNSYX

**Morningstar Category**  
Target-Date 2025

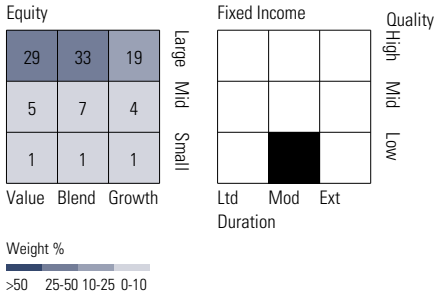
**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 09-30-2020

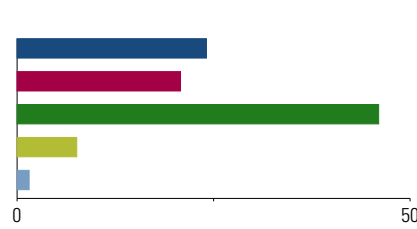
Morningstar Style Box™



## Style Breakdown

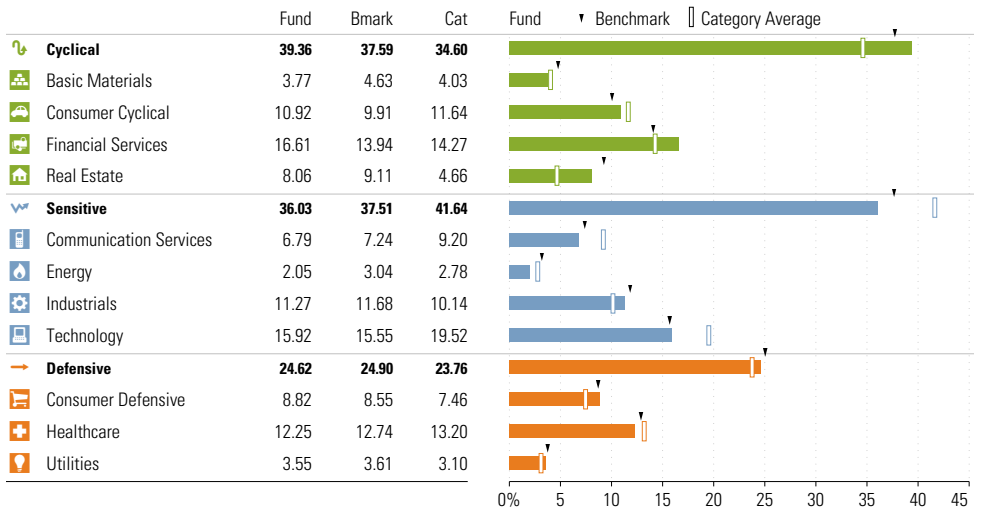


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	24.09	32.64
Non-US Stocks	20.79	17.53
Bonds	46.00	36.71
Cash	7.59	3.65
Other	1.53	9.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	—	20.34	20.34	—	—
⊕ JPMorgan Short Duration Core Plus R6	—	12.83	33.16	—	—
⊖ JPMorgan US Equity R6	—	11.74	44.90	—	—
⊖ JPMorgan Equity Income R6	—	8.22	53.11	—	—
⊖ JPMorgan International Equity R6	—	7.86	60.98	—	—
⊕ JPMorgan High Yield R6	—	5.76	66.74	—	—
JPMorgan International Rsrch Enh Eq R6	—	5.55	72.29	—	—
⊖ JPMorgan Emerging Markets Equity R6	—	5.14	77.44	—	—
⊕ JPMorgan Corporate Bond R6	—	4.57	82.01	—	—
⊖ JPMorgan US Government MMkt IM	12-2049	2.77	84.77	—	—

## Total Holdings 23

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan SmartRetirement® 2030 R6 JSMYX

**Morningstar Category**  
Target-Date 2030

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

## Portfolio Manager(s)

Jeffrey Geller since 07-2008

Daniel Oldroyd since 11-2010

Silvia Trillo since 02-2019

## Quantitative Screens

✗ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 3 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.25 years.

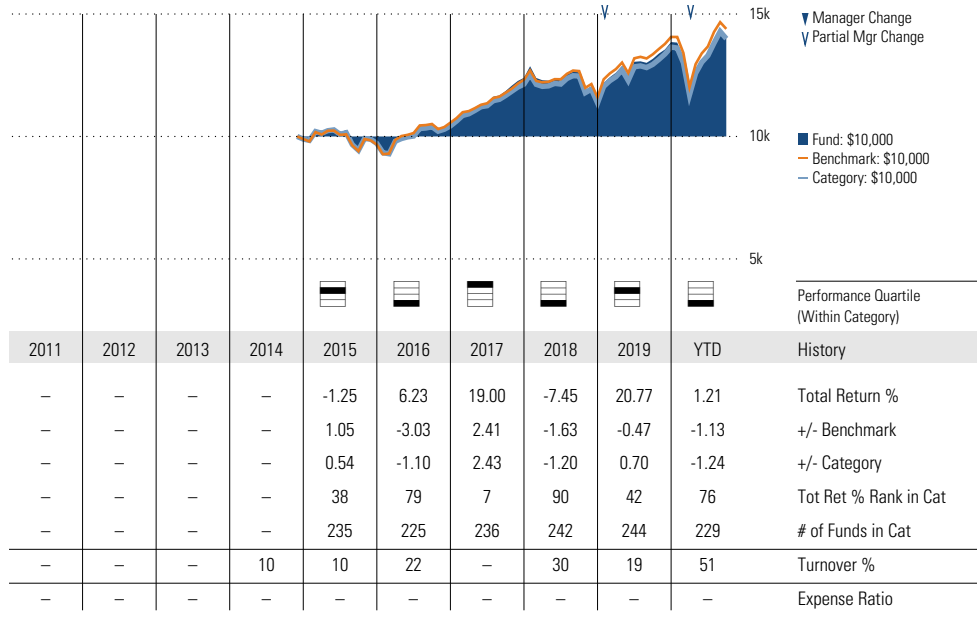
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.46 is 38.67% lower than the Target-Date 2030 category average.

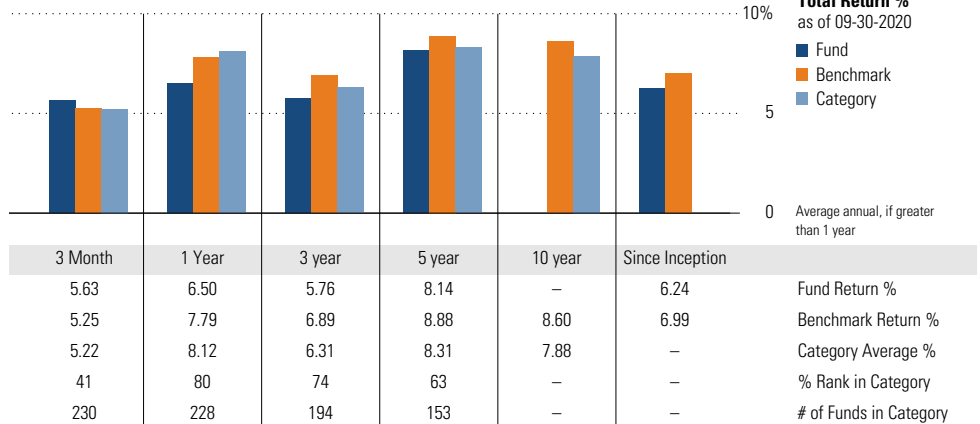
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen, but this share class lacks the longer track record of other funds in the series, and we have no concerns about this fund's long-term performance profile.

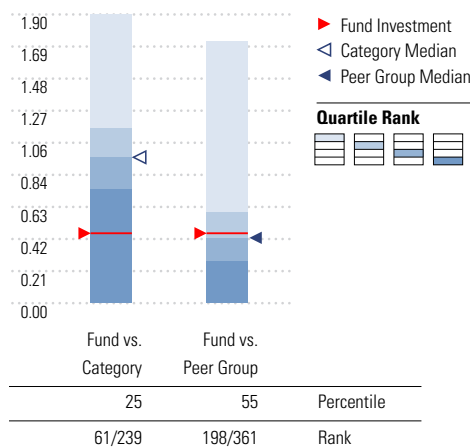
## Growth of \$10,000



## 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	-1.22	-	-0.63
Beta	1.03	-	0.99
R-Squared	99.09	-	97.91
Standard Deviation	12.13	11.74	11.70
Sharpe Ratio	0.39	0.49	0.43
Tracking Error	1.21	-	1.82
Information Ratio	-0.94	-	-0.42
Up Capture Ratio	99.21	-	97.85
Down Capture Ratio	107.58	-	102.68

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.69	21.04	22.45
Price/Book Ratio	2.63	2.09	2.38
Avg Eff Duration	4.81	10.91	5.92

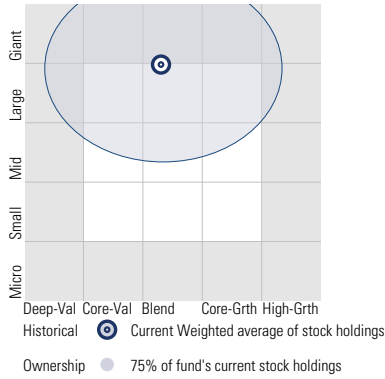
# JPMorgan SmartRetirement® 2030 R6 JSMYX

**Morningstar Category**  
Target-Date 2030

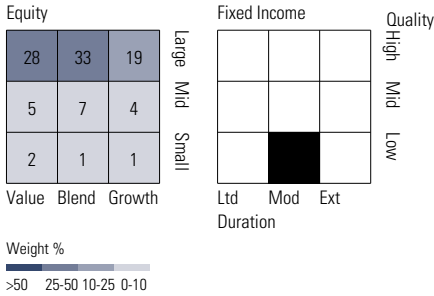
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 09-30-2020

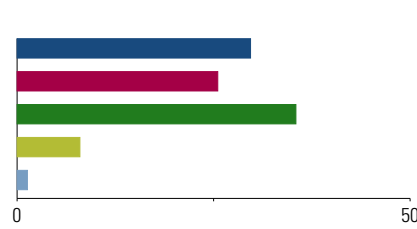
Morningstar Style Box™



## Style Breakdown

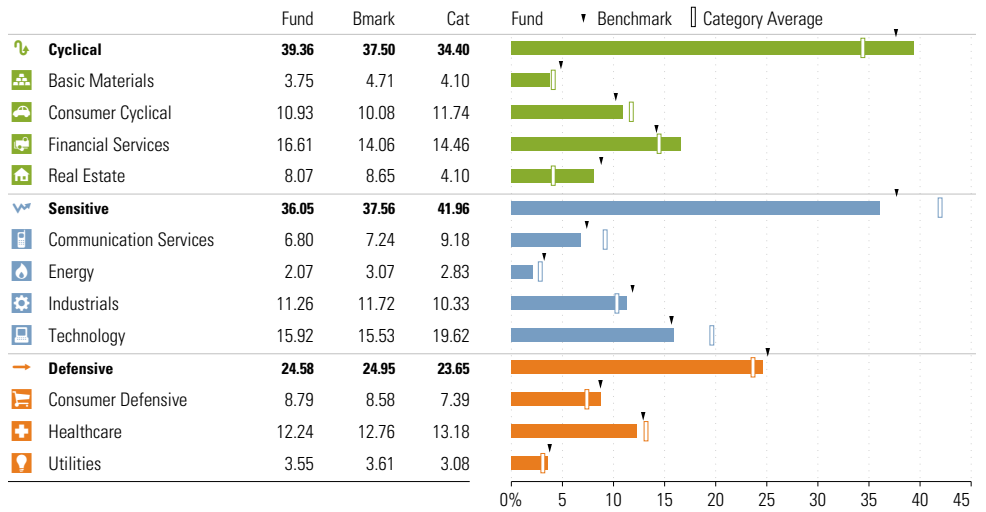


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	29.70	39.35
Non-US Stocks	25.53	21.52
Bonds	35.47	27.66
Cash	7.99	2.71
Other	1.31	8.75
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	–	16.18	16.18	–	–
⊖ JPMorgan US Equity R6	–	14.52	30.70	–	–
⊕ JPMorgan Short Duration Core Plus R6	–	10.11	40.81	–	–
⊖ JPMorgan Equity Income R6	–	10.00	50.81	–	–
⊖ JPMorgan International Equity R6	–	9.62	60.43	–	–
JPMorgan International Rsrch Enh Eq R6	–	6.80	67.23	–	–
⊖ JPMorgan Emerging Markets Equity R6	–	6.36	73.59	–	–
⊕ JPMorgan High Yield R6	–	4.93	78.51	–	–
⊕ JPMorgan Corporate Bond R6	–	3.47	81.98	–	–
⊖ JPMorgan US Government MMkt IM	12-2049	3.23	85.21	–	–

## Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan SmartRetirement® 2035 R6 SRJYX

**Morningstar Category**  
Target-Date 2035

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

## Portfolio Manager(s)

Jeffrey Geller since 07-2008

Daniel Oldroyd since 11-2010

Silvia Trillo since 02-2019

## Quantitative Screens

✗ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 3 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.25 years.

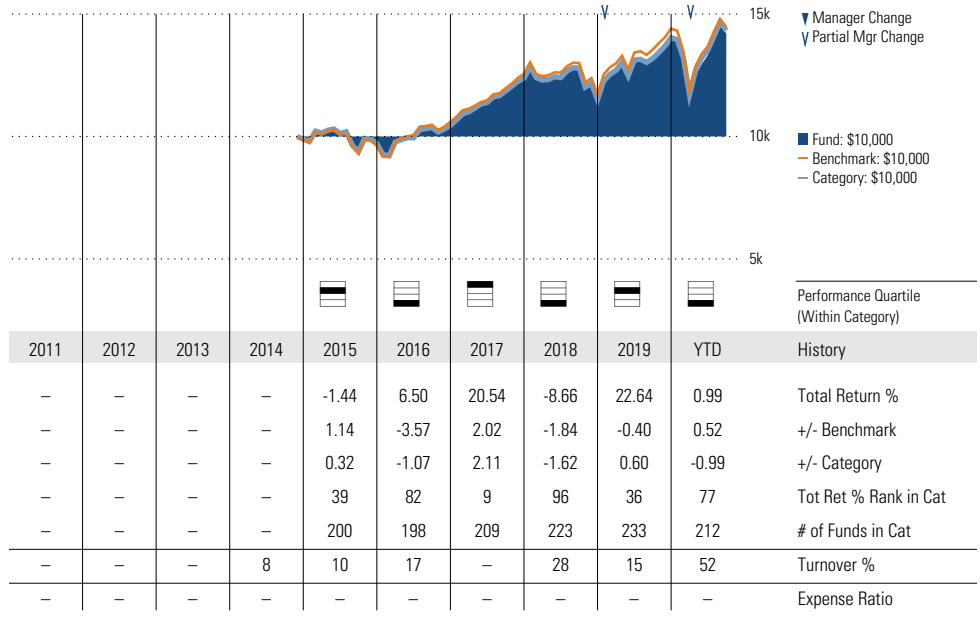
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.46 is 37.84% lower than the Target-Date 2035 category average.

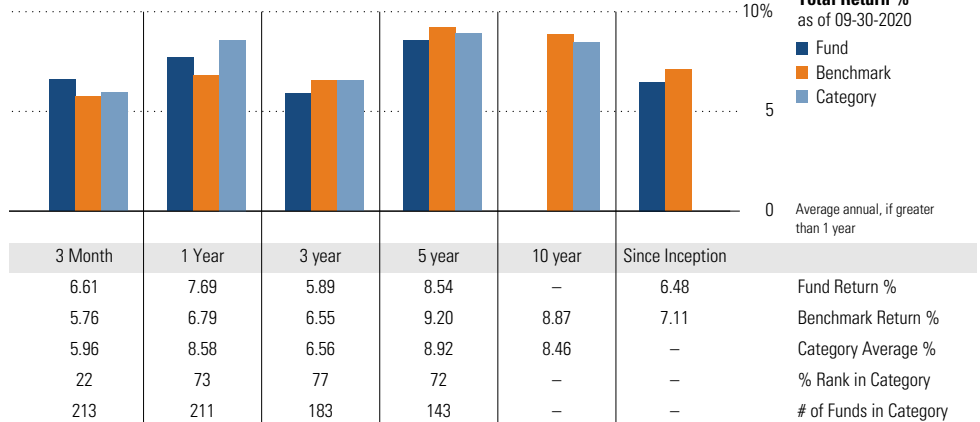
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen, but this share class lacks the longer track record of other funds in the series, and we have no concerns about this fund's long-term performance profile.

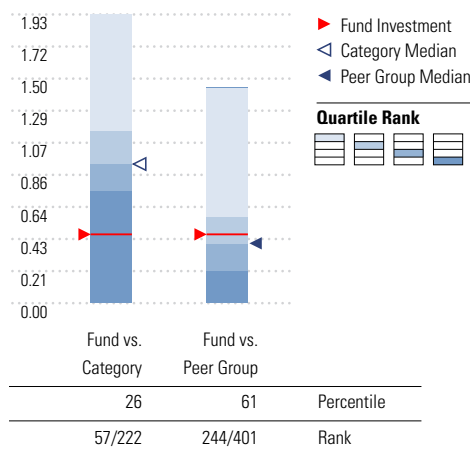
## Growth of \$10,000



## 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	-0.77	-	-0.01
Beta	1.03	-	0.99
R-Squared	99.20	-	98.95
Standard Deviation	14.00	13.55	13.52
Sharpe Ratio	0.36	0.42	0.41
Tracking Error	1.31	-	1.65
Information Ratio	-0.50	-	-0.06
Up Capture Ratio	100.15	-	99.61
Down Capture Ratio	104.40	-	99.83

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.82	20.89	22.35
Price/Book Ratio	2.45	2.07	2.36
Avg Eff Duration	5.96	11.20	6.04

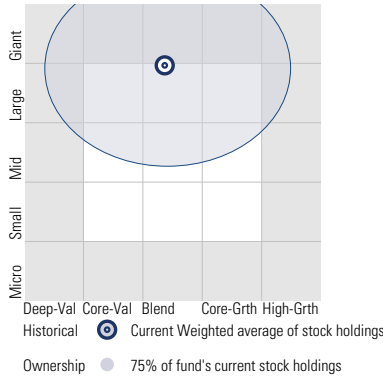
# JPMorgan SmartRetirement® 2035 R6 SRJYX

**Morningstar Category**  
Target-Date 2035

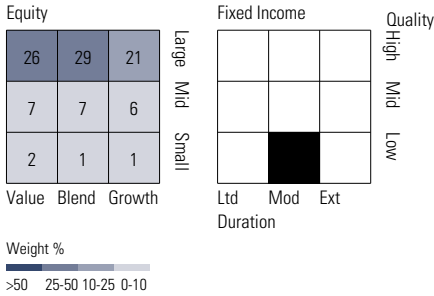
**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 09-30-2020

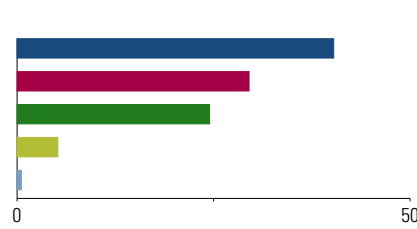
Morningstar Style Box™



## Style Breakdown

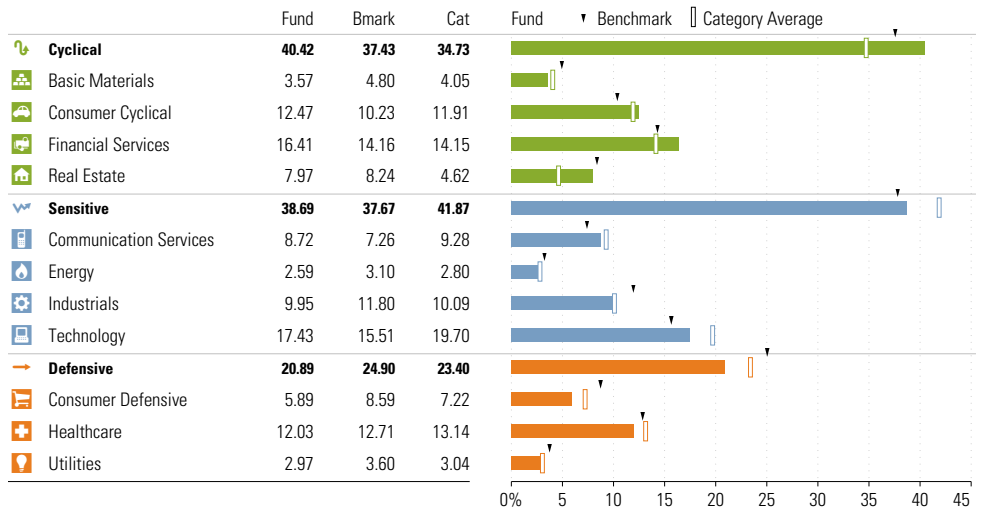


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	40.28	45.13
Non-US Stocks	29.51	24.76
Bonds	24.49	18.28
Cash	5.18	2.23
Other	0.54	9.59
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan Core Plus Bond R6	–	11.95	11.95	–	–
⊖ JPMorgan Growth Advantage R6	–	10.33	22.28	–	–
⊖ JPMorgan US Equity R6	–	9.35	31.63	–	–
⊖ JPMorgan Value Advantage R6	–	8.93	40.56	–	–
⊖ JPMorgan International Focus R6	–	8.93	49.49	–	–
JPMorgan International Rsrch Enh Eq R6	–	8.53	58.02	–	–
⊖ JPMorgan Emerging Mkts Rsrch Enh Eq R6	–	7.38	65.40	–	–
⊖ JPMorgan US Research Enhanced Equity R6	–	7.22	72.62	–	–
JPMorgan International Advantage R6	–	4.96	77.58	–	–
⊕ JPMorgan Core Bond R6	–	4.90	82.48	–	–

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# JPMorgan SmartRetirement® 2040 R6 SMTYX

**Morningstar Category**  
Target-Date 2040

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

## Portfolio Manager(s)

Jeffrey Geller since 07-2008  
Daniel Oldroyd since 11-2010  
Silvia Trillo since 02-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 4 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.25 years.

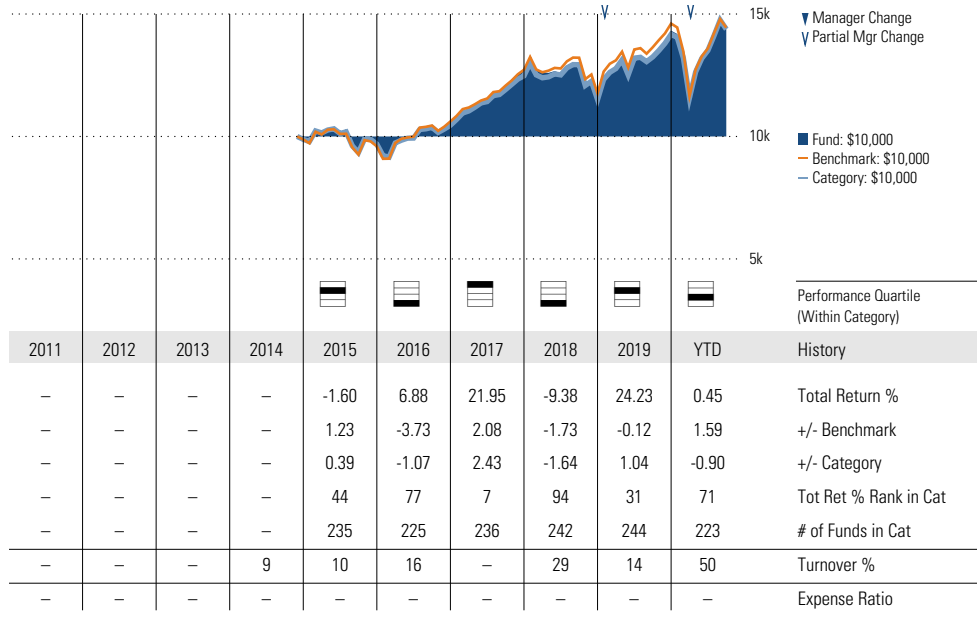
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.47 is 38.96% lower than the Target-Date 2040 category average.

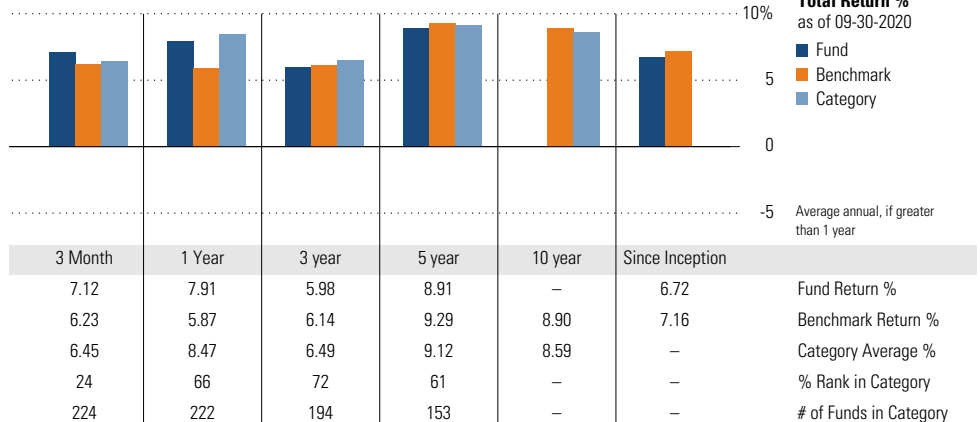
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen, but this share class lacks the longer track record of other funds in the series, and we have no concerns about this fund's long-term performance profile.

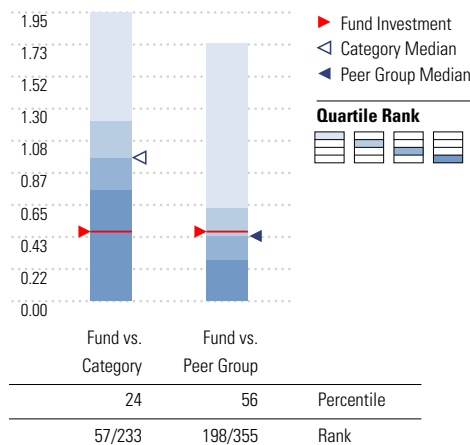
## Growth of \$10,000



## 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	-0.21	-	0.50
Beta	1.01	-	0.95
R-Squared	99.26	-	98.24
Standard Deviation	15.29	15.03	14.45
Sharpe Ratio	0.35	0.37	0.39
Tracking Error	1.33	-	1.97
Information Ratio	-0.12	-	0.19
Up Capture Ratio	100.48	-	97.16
Down Capture Ratio	101.52	-	94.72

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.82	20.78	22.30
Price/Book Ratio	2.44	2.05	2.35
Avg Eff Duration	5.79	11.40	6.29

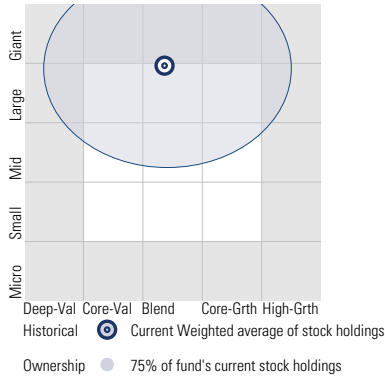
# JPMorgan SmartRetirement® 2040 R6 SMTYX

**Morningstar Category**  
Target-Date 2040

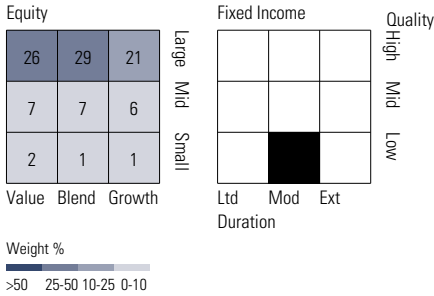
**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 09-30-2020

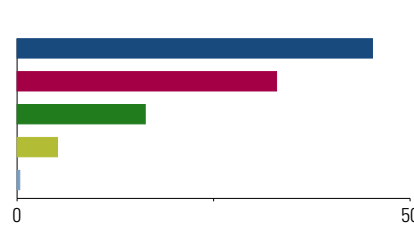
Morningstar Style Box™



## Style Breakdown

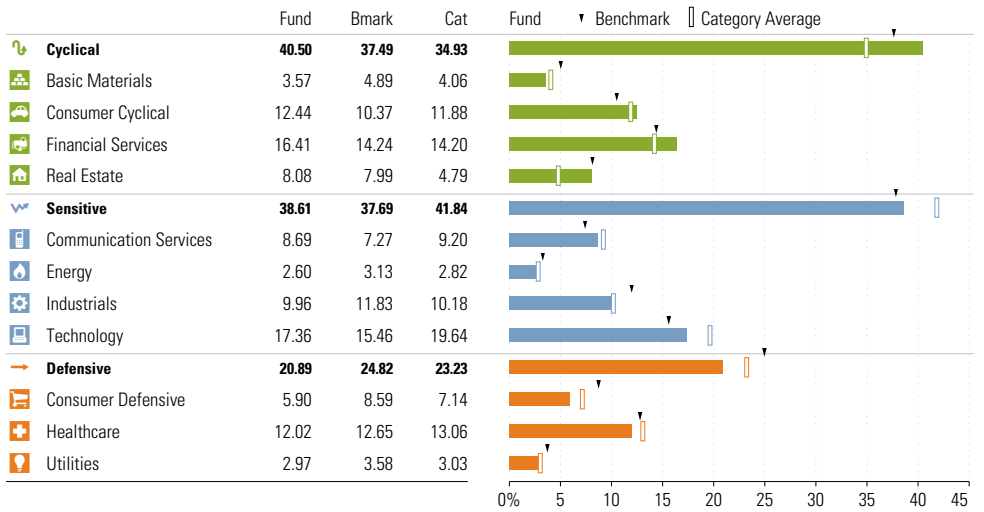


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	45.21	50.09
Non-US Stocks	33.01	27.79
Bonds	16.30	11.92
Cash	5.14	1.96
Other	0.34	8.25
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Growth Advantage R6	-	11.43	11.43	-	-
⊖ JPMorgan US Equity R6	-	10.31	21.74	-	-
⊖ JPMorgan Value Advantage R6	-	10.01	31.75	-	-
⊖ JPMorgan International Focus R6	-	9.96	41.71	-	-
⊕ JPMorgan International Rsrch Enh Eq R6	-	9.65	51.36	-	-
⊖ JPMorgan US Research Enhanced Equity R6	-	8.28	59.64	-	-
⊖ JPMorgan Emerging Mkts Rsrch Enh Eq R6	-	8.22	67.86	-	-
⊕ JPMorgan Core Plus Bond R6	-	7.34	75.20	-	-
JPMorgan International Advantage R6	-	5.51	80.71	-	-
⊕ JPMorgan High Yield R6	-	3.85	84.56	-	-

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan SmartRetirement® 2045 R6 JSAYX

**Morningstar Category**  
Target-Date 2045

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

## Portfolio Manager(s)

Jeffrey Geller since 07-2008  
Daniel Oldroyd since 11-2010  
Silvia Trillo since 02-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 4 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.25 years.

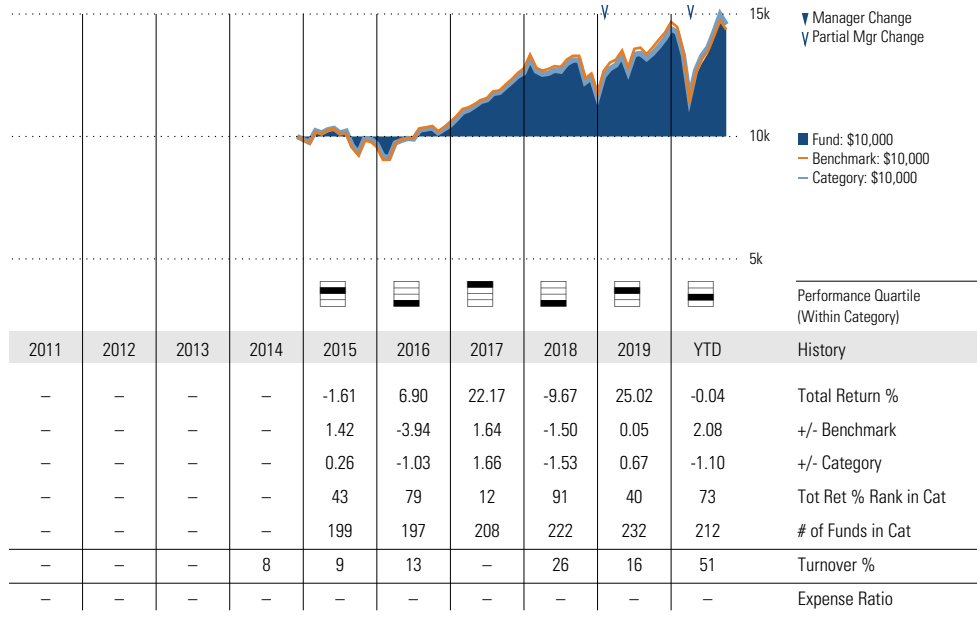
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.47 is 36.49% lower than the Target-Date 2045 category average.

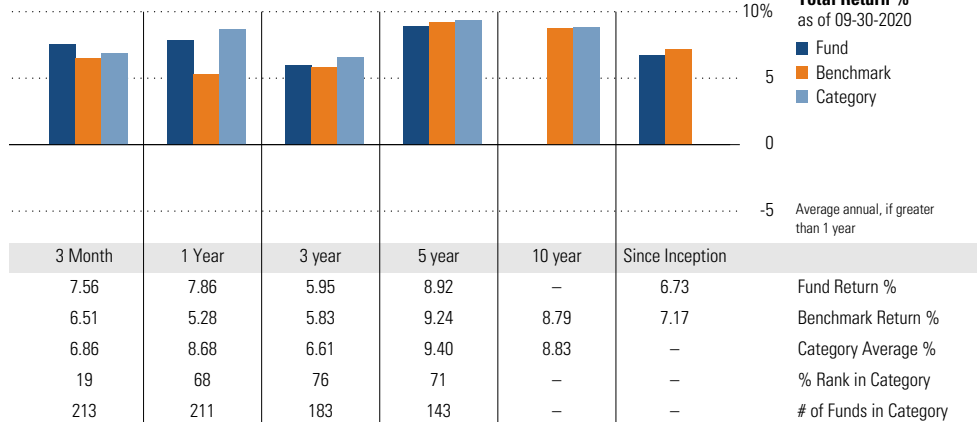
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen, but this share class lacks the longer track record of other funds in the series, and we have no concerns about this fund's long-term performance profile.

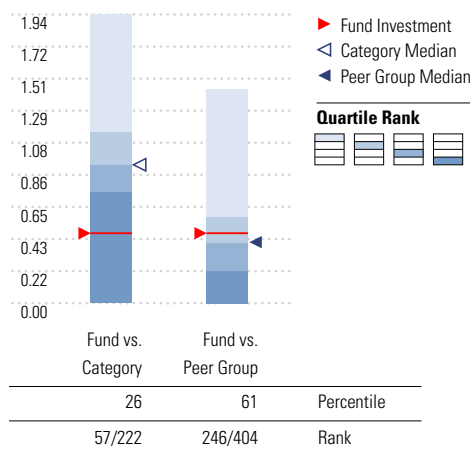
## Growth of \$10,000



## 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	0.07	-	0.84
Beta	1.01	-	0.97
R-Squared	99.33	-	99.01
Standard Deviation	16.12	15.85	15.48
Sharpe Ratio	0.34	0.34	0.39
Tracking Error	1.34	-	1.71
Information Ratio	0.10	-	0.41
Up Capture Ratio	101.11	-	99.57
Down Capture Ratio	100.75	-	95.57

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.83	20.67	22.39
Price/Book Ratio	2.45	2.03	2.34
Avg Eff Duration	5.51	-	6.30

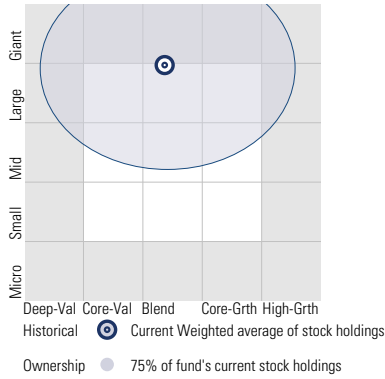
# JPMorgan SmartRetirement® 2045 R6 JSAYX

**Morningstar Category**  
Target-Date 2045

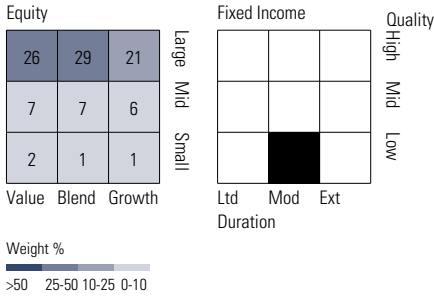
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 09-30-2020

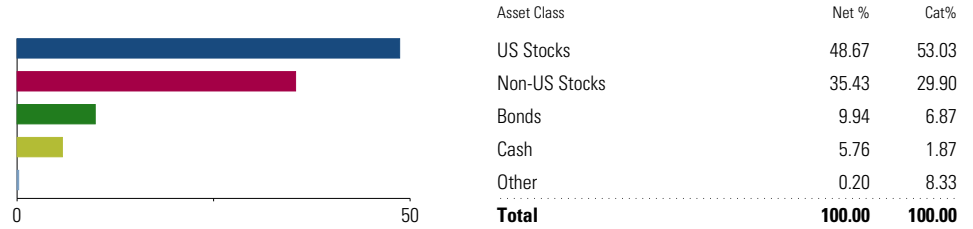
Morningstar Style Box™



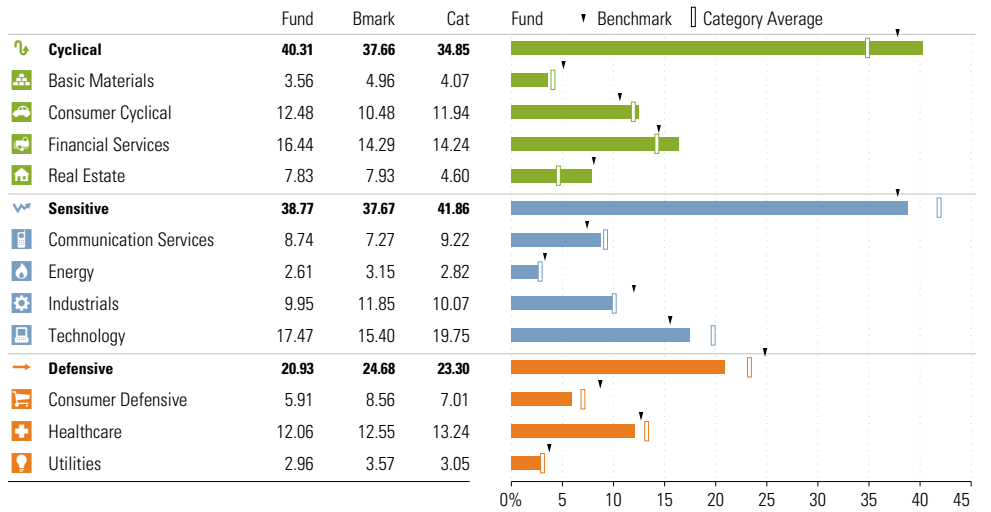
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Growth Advantage R6	–	12.38	12.38	–	–
⊖ JPMorgan US Equity R6	–	11.17	23.55	–	–
⊖ JPMorgan Value Advantage R6	–	10.83	34.38	–	–
⊖ JPMorgan International Focus R6	–	10.76	45.14	–	–
⊕ JPMorgan International Rsrch Enh Eq R6	–	10.29	55.44	–	–
⊖ JPMorgan US Research Enhanced Equity R6	–	9.11	64.55	–	–
⊖ JPMorgan Emerging Mkts Rsrch Enh Eq R6	–	8.88	73.43	–	–
JPMorgan International Advantage R6	–	5.82	79.26	–	–
⊕ JPMorgan Core Plus Bond R6	–	3.64	82.90	–	–
JPMorgan Realty Income R6	–	3.61	86.50	–	–

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan SmartRetirement® 2050 R6 JTSYX

**Morningstar Category**  
Target-Date 2050

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

## Portfolio Manager(s)

Jeffrey Geller since 07-2008  
Daniel Oldroyd since 11-2010  
Silvia Trillo since 02-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 4 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.25 years.

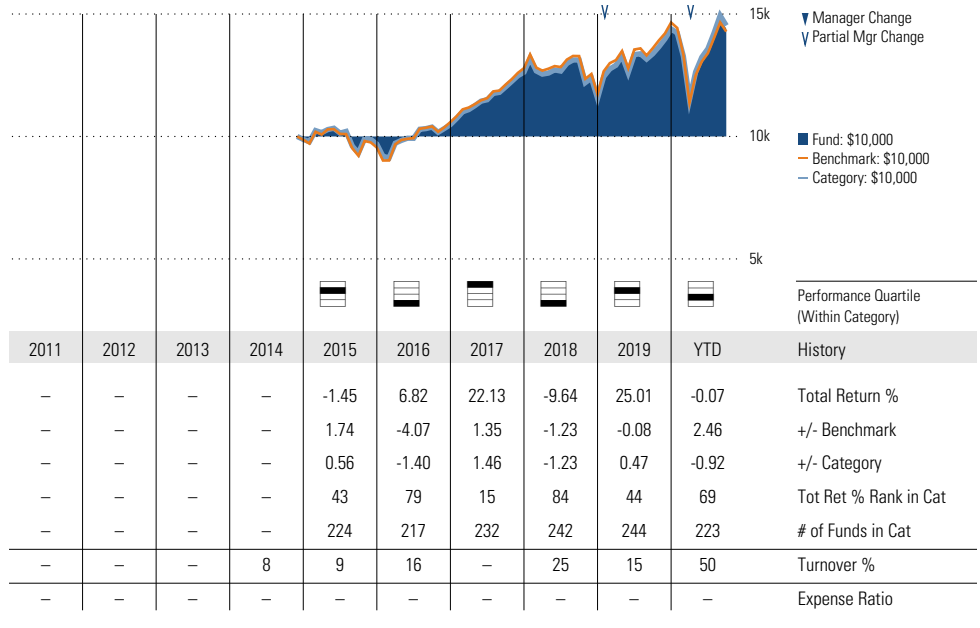
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.47 is 39.74% lower than the Target-Date 2050 category average.

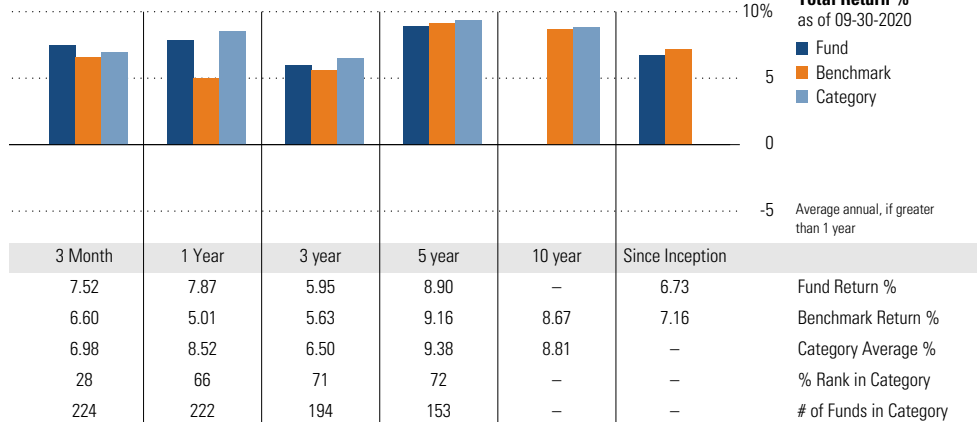
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen, but this share class lacks the longer track record of other funds in the series, and we have no concerns about this fund's long-term performance profile.

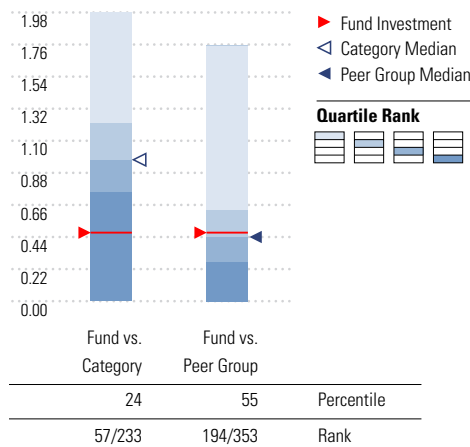
## Growth of \$10,000



## 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	0.33	-	0.99
Beta	1.00	-	0.96
R-Squared	99.32	-	98.21
Standard Deviation	16.09	16.11	15.53
Sharpe Ratio	0.34	0.32	0.38
Tracking Error	1.33	-	2.00
Information Ratio	0.24	-	0.48
Up Capture Ratio	100.04	-	98.63
Down Capture Ratio	98.43	-	94.06

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.77	20.55	22.47
Price/Book Ratio	2.45	2.01	2.33
Avg Eff Duration	5.51	-	6.29

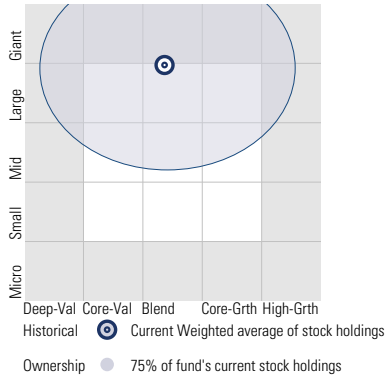
# JPMorgan SmartRetirement® 2050 R6 JTSYX

**Morningstar Category**  
Target-Date 2050

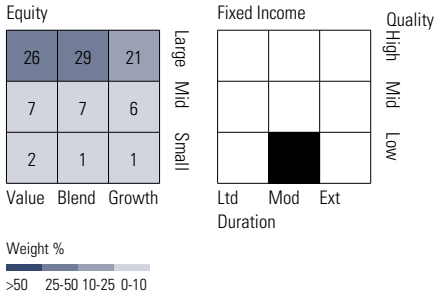
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 09-30-2020

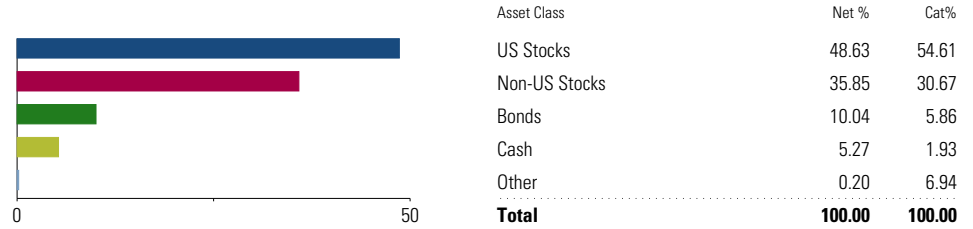
Morningstar Style Box™



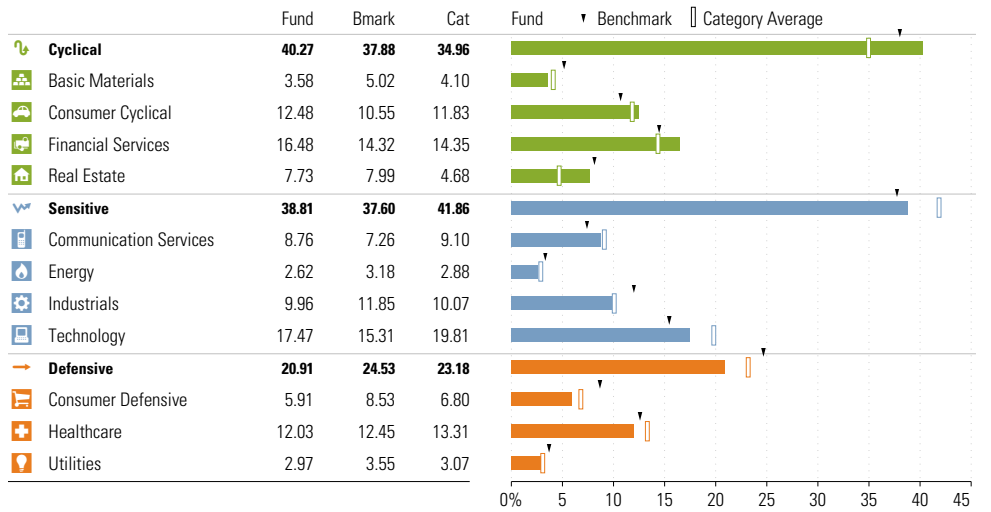
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Growth Advantage R6	–	12.33	12.33	–	–
⊖ JPMorgan US Equity R6	–	11.17	23.50	–	–
⊖ JPMorgan International Focus R6	–	10.93	34.42	–	–
⊖ JPMorgan Value Advantage R6	–	10.83	45.25	–	–
JPMorgan International Rsrch Enh Eq R6	–	10.21	55.46	–	–
JPMorgan Emerging Mkts Rsrch Enh Eq R6	–	9.17	64.62	–	–
⊖ JPMorgan US Research Enhanced Equity R6	–	9.11	73.73	–	–
⊕ JPMorgan International Advantage R6	–	5.90	79.63	–	–
⊕ JPMorgan Core Plus Bond R6	–	3.68	83.31	–	–
JPMorgan Realty Income R6	–	3.54	86.85	–	–

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan SmartRetirement® 2055 R6 JFFYX

**Morningstar Category**  
Target-Date 2055

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

## Portfolio Manager(s)

Daniel Oldroyd since 01-2012  
Jeffrey Geller since 01-2012  
Silvia Trillo since 02-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 4 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.67 years.

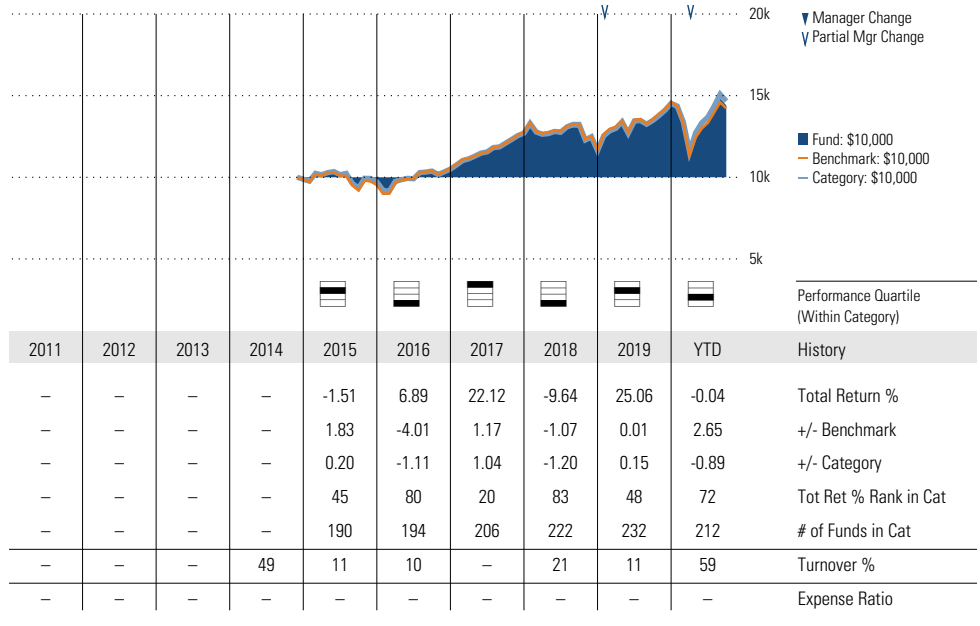
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.47 is 37.33% lower than the Target-Date 2055 category average.

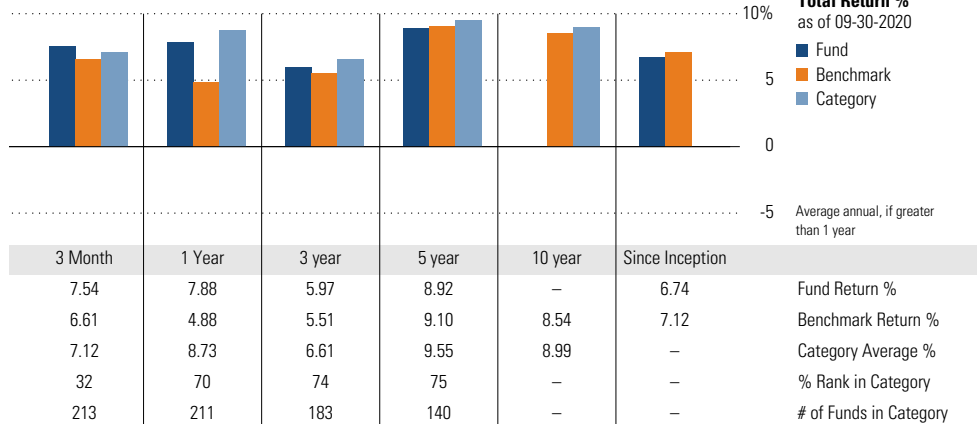
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen, but this share class lacks the longer track record of other funds in the series, and we have no concerns about this fund's long-term performance profile.

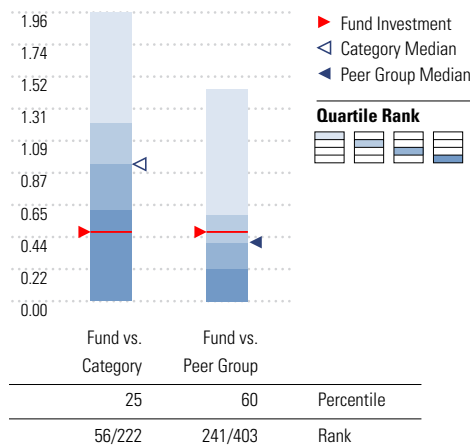
## Growth of \$10,000



## 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	0.49	-	1.13
Beta	0.99	-	0.98
R-Squared	99.34	-	98.94
Standard Deviation	16.07	16.19	15.89
Sharpe Ratio	0.34	0.31	0.38
Tracking Error	1.31	-	1.75
Information Ratio	0.35	-	0.59
Up Capture Ratio	99.99	-	100.95
Down Capture Ratio	97.67	-	95.74

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.89	20.47	22.74
Price/Book Ratio	2.47	1.99	2.38
Avg Eff Duration	5.19	-	6.24

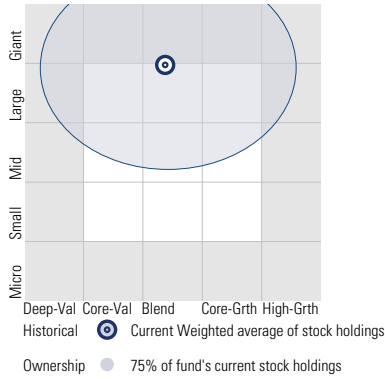
# JPMorgan SmartRetirement® 2055 R6 JFFYX

**Morningstar Category**  
Target-Date 2055

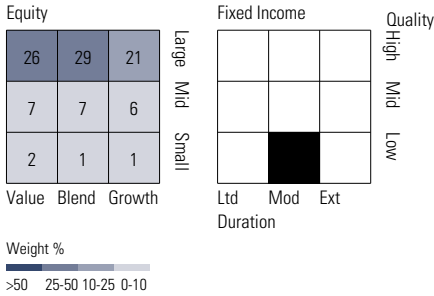
**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR  
USD

## Style Analysis as of 09-30-2020

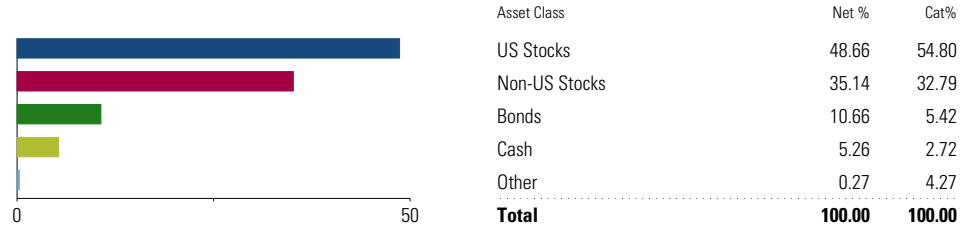
Morningstar Style Box™



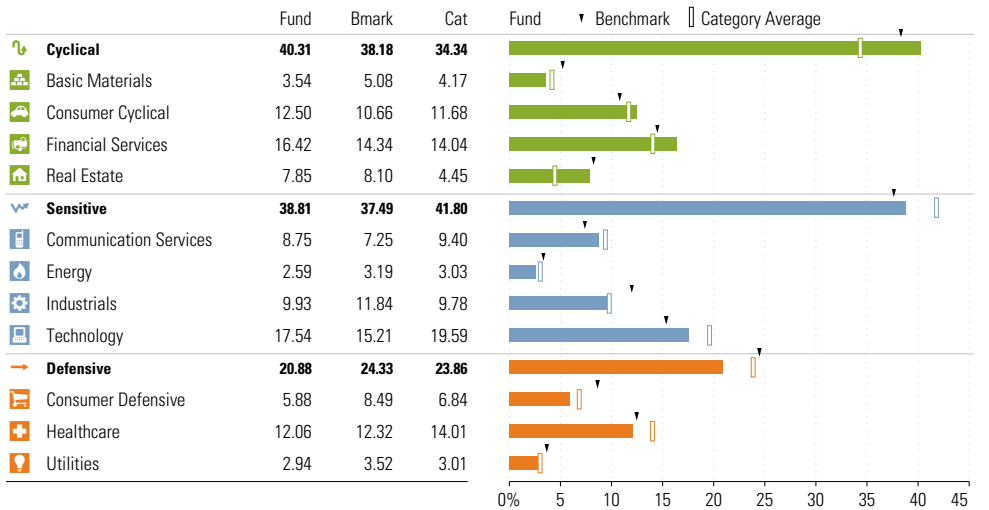
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
JPMorgan Growth Advantage R6	-	12.44	12.44	-	-
⊖ JPMorgan US Equity R6	-	11.11	23.55	-	-
JPMorgan International Focus R6	-	10.95	34.51	-	-
⊖ JPMorgan Value Advantage R6	-	10.74	45.25	-	-
JPMorgan International Rsrch Enh Eq R6	-	10.10	55.34	-	-
⊖ JPMorgan US Research Enhanced Equity R6	-	9.08	64.42	-	-
⊖ JPMorgan Emerging Mkts Rsrch Enh Eq R6	-	8.99	73.41	-	-
JPMorgan International Advantage R6	-	5.43	78.85	-	-
⊕ JPMorgan Core Plus Bond R6	-	3.74	82.59	-	-
JPMorgan Realty Income R6	-	3.43	86.02	-	-

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# JPMorgan SmartRetirement® 2060 R6 JAKYX

**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Portfolio Manager(s)

Jeffrey Geller since 08-2016  
Daniel Oldroyd since 08-2016  
Silvia Trillo since 02-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 3 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.08 years.

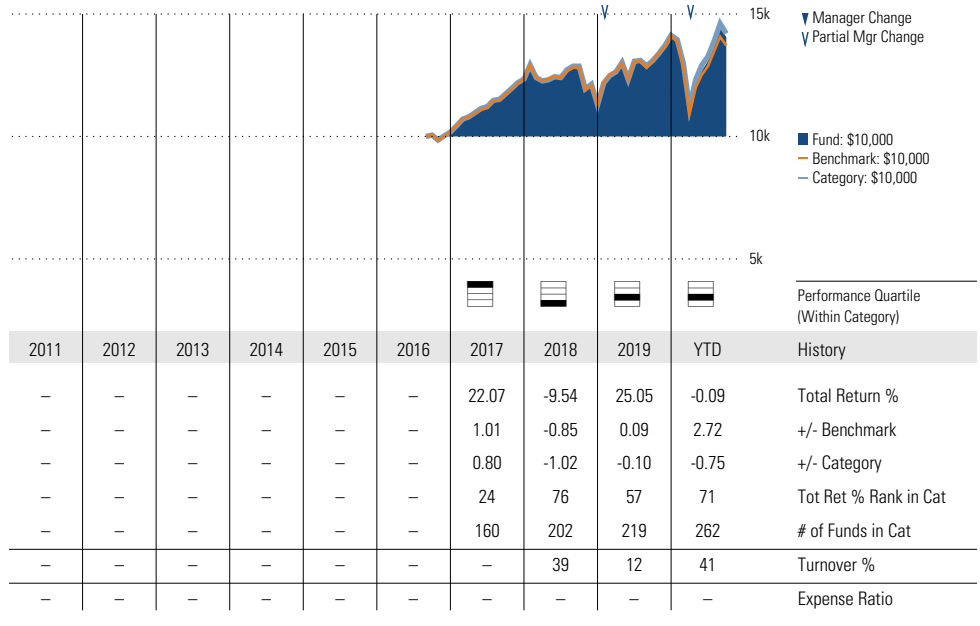
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.46 is 37.84% 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.

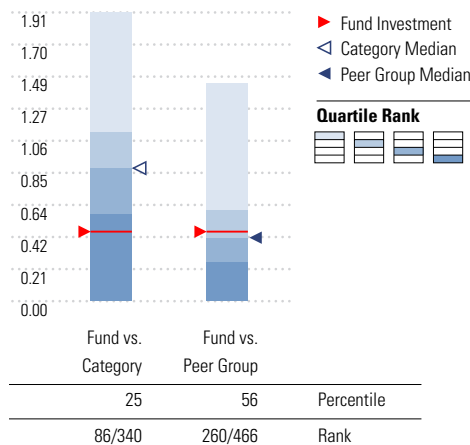
## Growth of \$10,000



## 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	0.61	-	1.25
Beta	0.99	-	0.99
R-Squared	99.39	-	98.89
Standard Deviation	16.04	16.21	16.05
Sharpe Ratio	0.34	0.31	0.38
Tracking Error	1.27	-	1.82
Information Ratio	0.45	-	0.68
Up Capture Ratio	100.15	-	102.15
Down Capture Ratio	97.29	-	96.42

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.02	20.38	22.27
Price/Book Ratio	2.47	1.98	2.31
Avg Eff Duration	5.04	-	6.10

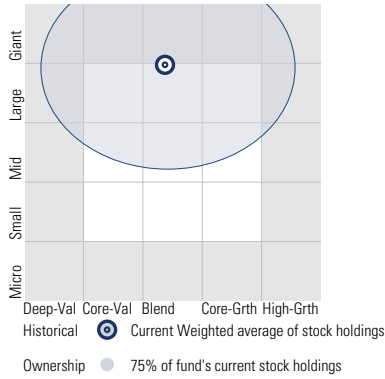
# JPMorgan SmartRetirement® 2060 R6 JAKYX

**Morningstar Category**  
Target-Date 2060+

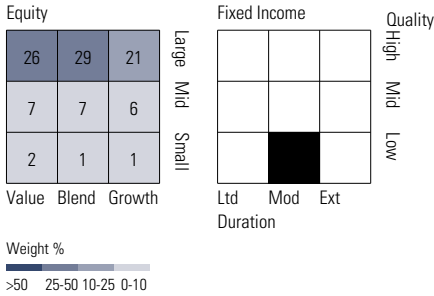
**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Style Analysis as of 09-30-2020

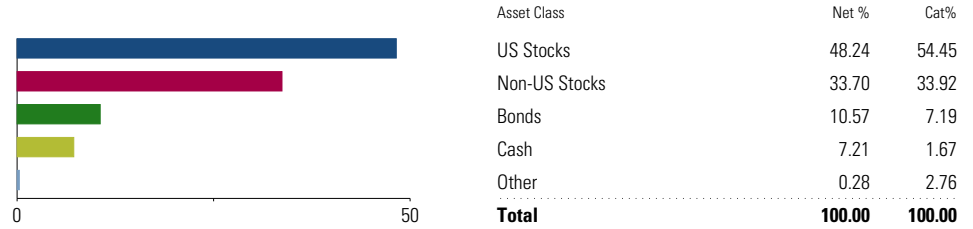
Morningstar Style Box™



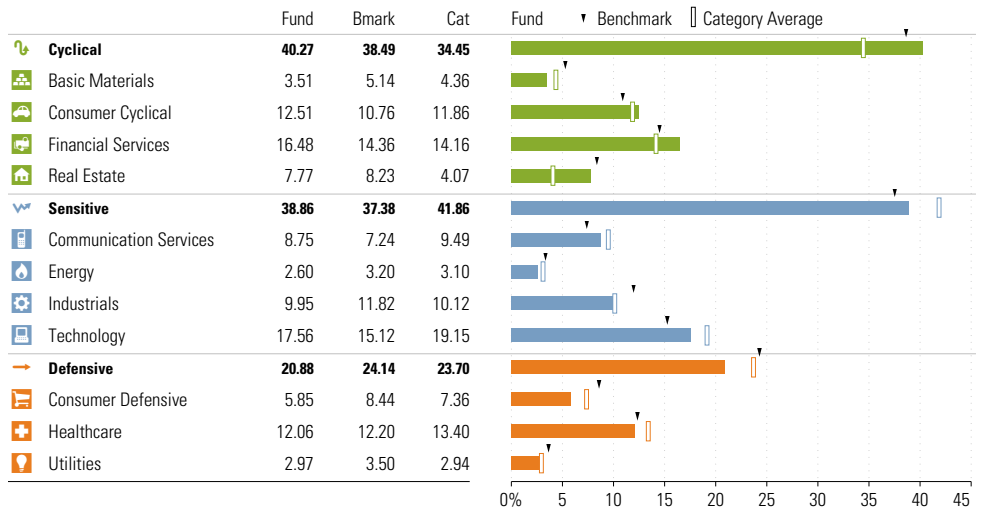
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan Growth Advantage R6	-	12.43	12.43	-	-
JPMorgan US Equity R6	-	11.11	23.54	-	-
⊕ JPMorgan International Focus R6	-	10.75	34.29	-	-
JPMorgan Value Advantage R6	-	10.70	44.99	-	-
⊕ JPMorgan International Rsrch Enh Eq R6	-	10.32	55.31	-	-
⊕ JPMorgan US Research Enhanced Equity R6	-	9.04	64.35	-	-
JPMorgan Emerging Mkts Rsrch Enh Eq R6	-	8.30	72.65	-	-
JPMorgan International Advantage R6	-	4.64	77.29	-	-
⊕ JPMorgan US Government MMkt IM	12-2049	3.99	81.28	-	-
JPMorgan Realty Income R6	-	3.46	84.74	-	-

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan SmartRetirement® Income R6 JSIYX

**Morningstar Category**  
Target-Date Retirement

**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

## Portfolio Manager(s)

Jeffrey Geller since 07-2008

Daniel Oldroyd since 11-2010

Silvia Trillo since 02-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date Retirement category's top three quartiles in 5 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 12.25 years.

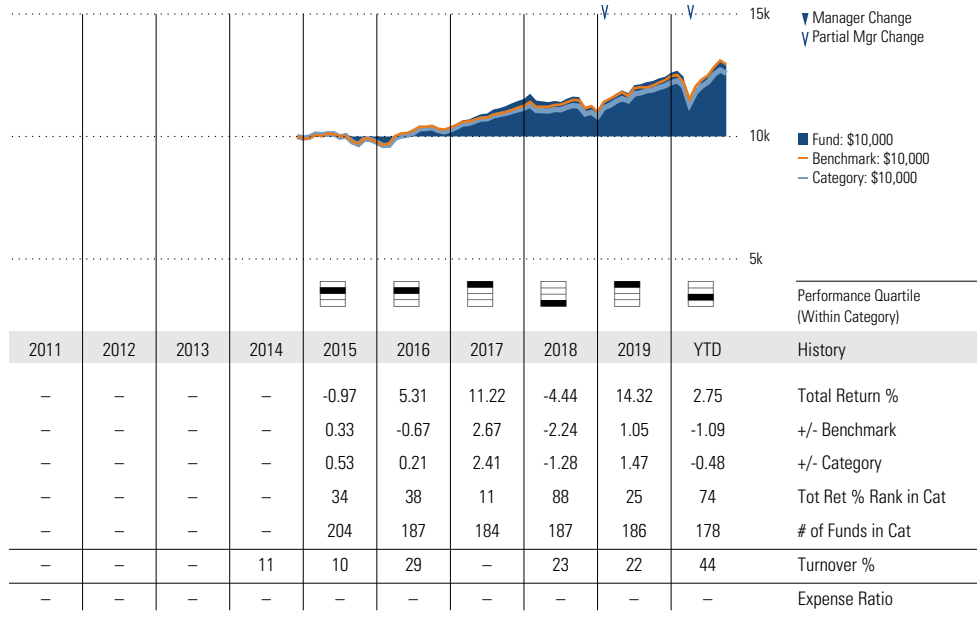
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 43.24% lower than the Target-Date Retirement category average.

## Morningstar Investment Management LLC Analysis

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

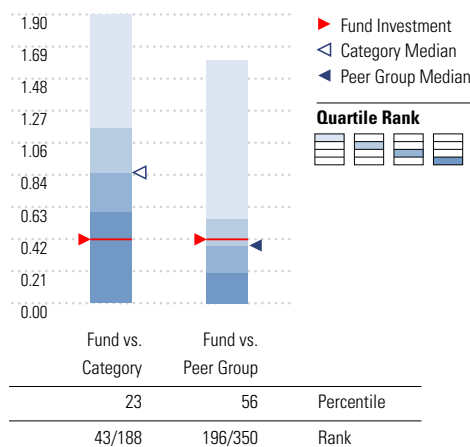
## Growth of \$10,000



## 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	-1.47	-	-0.83
Beta	1.15	-	0.98
R-Squared	96.14	-	93.27
Standard Deviation	7.74	6.61	6.68
Sharpe Ratio	0.44	0.61	0.48
Tracking Error	1.81	-	2.12
Information Ratio	-0.41	-	-0.40
Up Capture Ratio	101.82	-	88.57
Down Capture Ratio	115.22	-	94.43

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.60	21.72	22.02
Price/Book Ratio	2.62	2.20	2.25
Avg Eff Duration	4.55	4.96	6.30

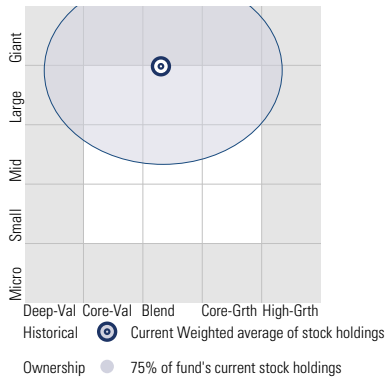
# JPMorgan SmartRetirement® Income R6 JSIYX

**Morningstar Category**  
Target-Date Retirement

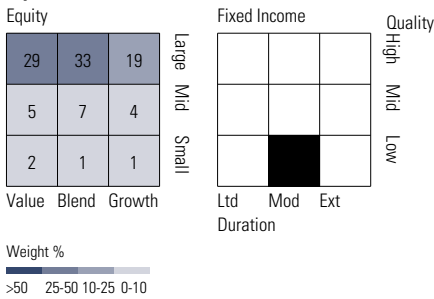
**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

## Style Analysis as of 09-30-2020

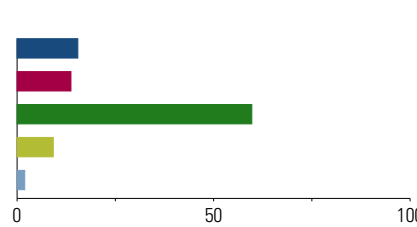
Morningstar Style Box™



## Style Breakdown

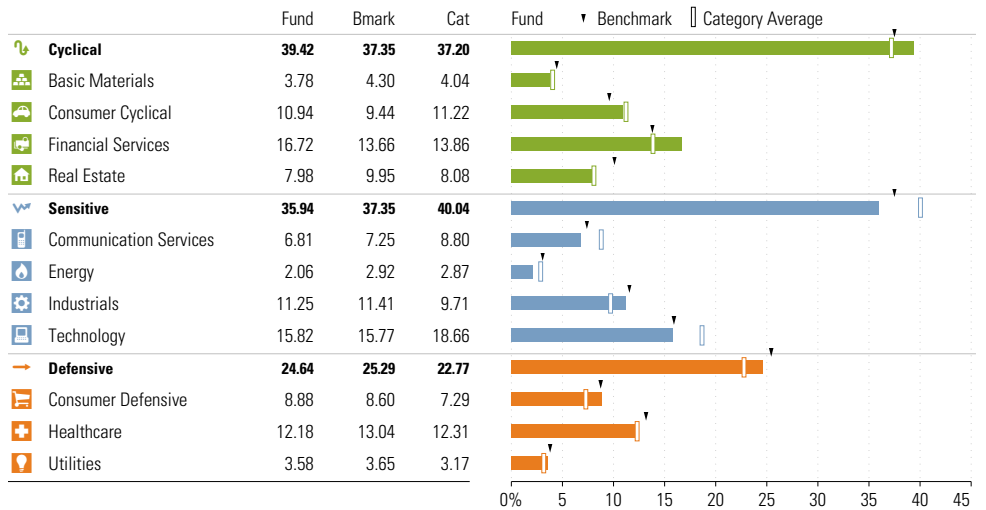


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	15.45	17.28
Non-US Stocks	13.70	9.66
Bonds	59.72	55.26
Cash	9.20	5.82
Other	1.94	11.99
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	—	23.58	23.58	—	—
⊖ JPMorgan Short Duration Core Plus R6	—	14.45	38.02	—	—
⊕ JPMorgan High Yield R6	—	7.96	45.99	—	—
⊖ JPMorgan Inflation Managed Bond R6	—	7.52	53.51	—	—
⊖ JPMorgan US Equity R6	—	7.38	60.89	—	—
⊖ JPMorgan Equity Income R6	—	5.33	66.21	—	—
⊖ JPMorgan International Equity R6	—	5.04	71.26	—	—
⊖ JPMorgan Corporate Bond R6	—	4.98	76.23	—	—
⊖ JPMorgan International Rsrch Enh Eq R6	—	3.59	79.83	—	—
⊖ JPMorgan Emerging Markets Equity R6	—	3.53	83.36	—	—

## Total Holdings 23

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Loomis Sayles Strategic Income N NEZNX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
BBgBarc US Universal TR USD

## Portfolio Manager(s)

Daniel Fuss since 05-1995  
Matthew Eagan since 02-2007  
Elaine Stokes since 02-2007  
Brian Kennedy since 06-2016

## Quantitative Screens

**Performance:** The fund has finished in the Multisector Bond category's top three quartiles in 5 of the 7 years it's been in existence.

**Management:** The fund's management has been in place for 25.44 years.

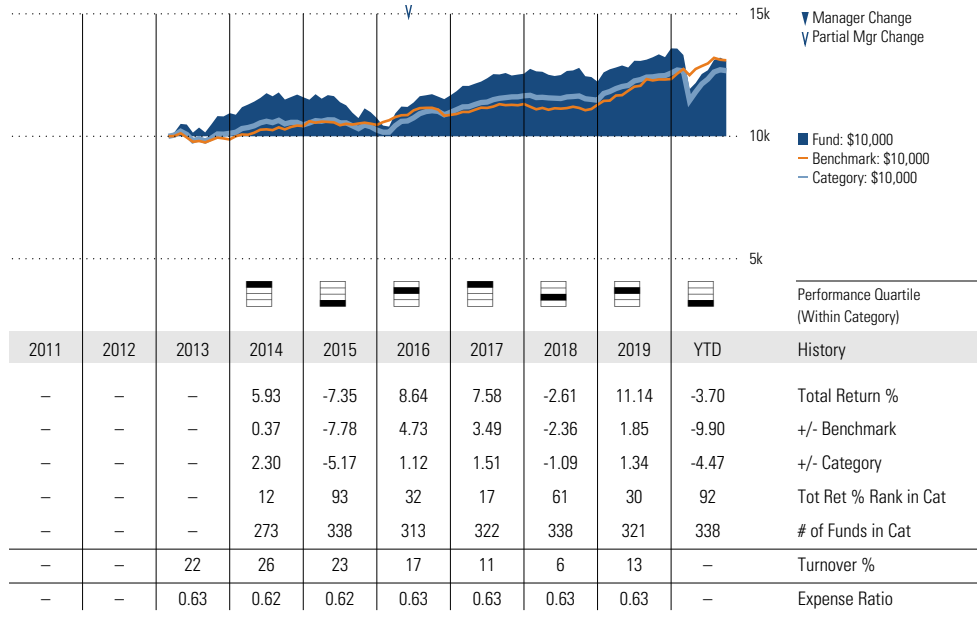
Style Consistency is not calculated for Fixed Income funds.

**Net Expense:** The fund's expense ratio of 0.63 is 40% lower than the Multisector Bond category average.

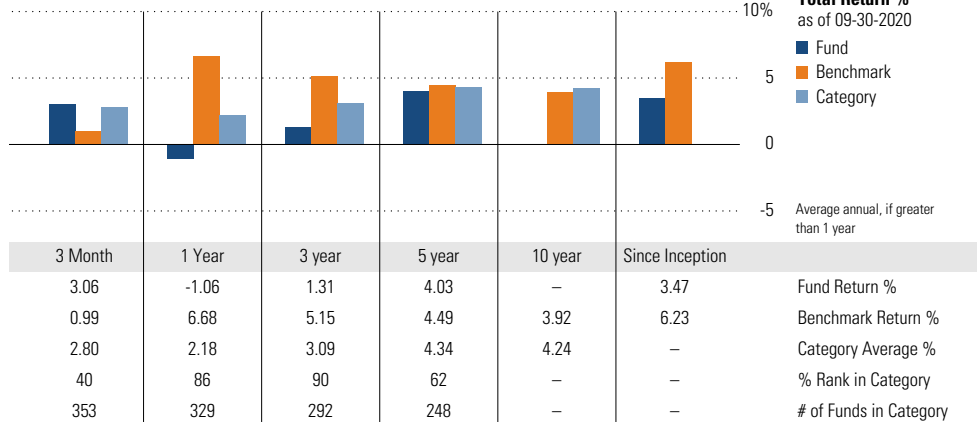
## Morningstar Investment Management LLC Analysis

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

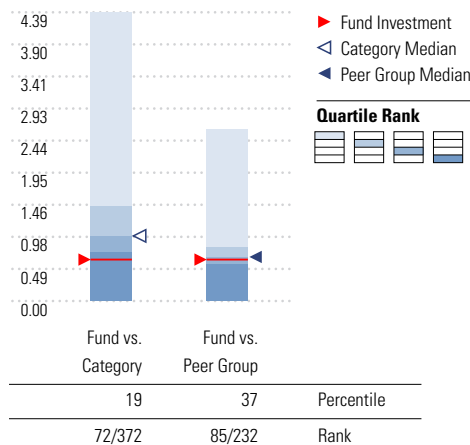
## Growth of \$10,000



## 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	-3.98	-	-3.04
Beta	1.10	-	1.28
R-Squared	22.27	-	35.98
Standard Deviation	7.95	3.40	7.65
Sharpe Ratio	0.00	1.03	0.29
Tracking Error	7.02	-	6.35
Information Ratio	-0.55	-	-0.32
Up Capture Ratio	75.08	-	95.40
Down Capture Ratio	175.60	-	164.08

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.21	4.55	4.52
Avg Eff Maturity	9.34	7.69	7.45

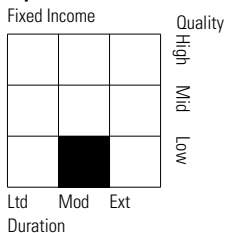
# Loomis Sayles Strategic Income N NEZNX

Morningstar Category  
Multisector Bond

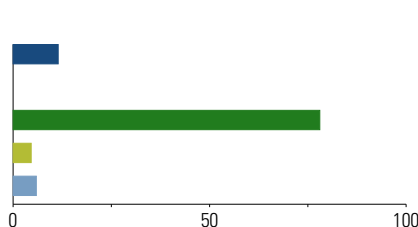
Morningstar Index  
BBgBarc US Universal TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

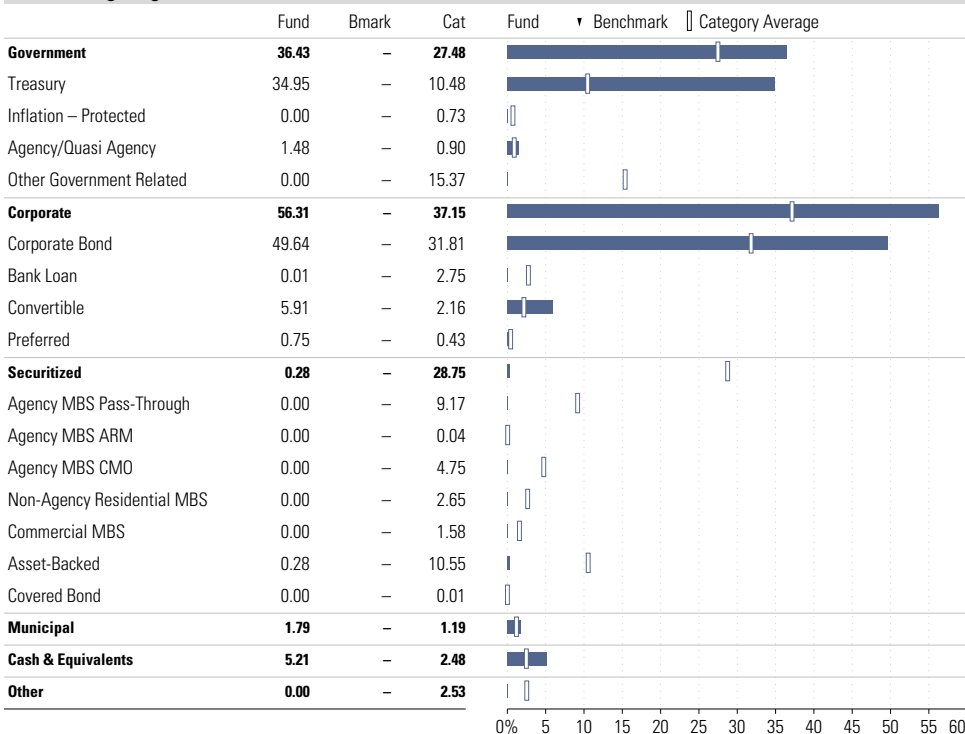


Asset Class	Net %	Cat%
US Stocks	11.47	1.84
Non-US Stocks	0.00	0.10
Bonds	78.04	103.62
Cash	4.60	-7.92
Other	5.91	2.38
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	29.57	67.64	18.27
AA	0.00	3.23	8.61
A	6.43	10.03	8.89
BBB	20.87	10.89	24.31
BB	17.41	3.19	20.01
B	11.67	3.64	12.52
Below B	2.15	1.38	3.44
Not Rated	11.90	0.00	3.94

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Bonds 1.25%	05-2050	8.82	8.82	-
Bristol-Myers Squibb Company	-	5.73	14.55	Healthcare
⊕ United States Treasury Bonds 1.38%	08-2050	4.53	19.08	-
AT&T Inc	-	3.82	22.90	Communication Svc
United States Treasury Bonds 3%	08-2048	3.21	26.11	-
United States Treasury Notes 1.5%	11-2021	2.57	28.67	-
Morgan Stanley 5%	09-2021	2.32	31.00	-
DISH Network Corporation 3.38%	08-2026	2.31	33.31	-
Mexico (United Mexican States) 8%	12-2023	2.22	35.53	-
New Zealand(Govt) 6%	05-2021	2.00	37.53	-

Total Holdings 292

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Massachusetts Investors Tr R6 MITJX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

T. Kevin Beatty since 07-2004  
Edward (ted) Maloney since 04-2012  
Alison Mackey since 05-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend 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 16.26 years.

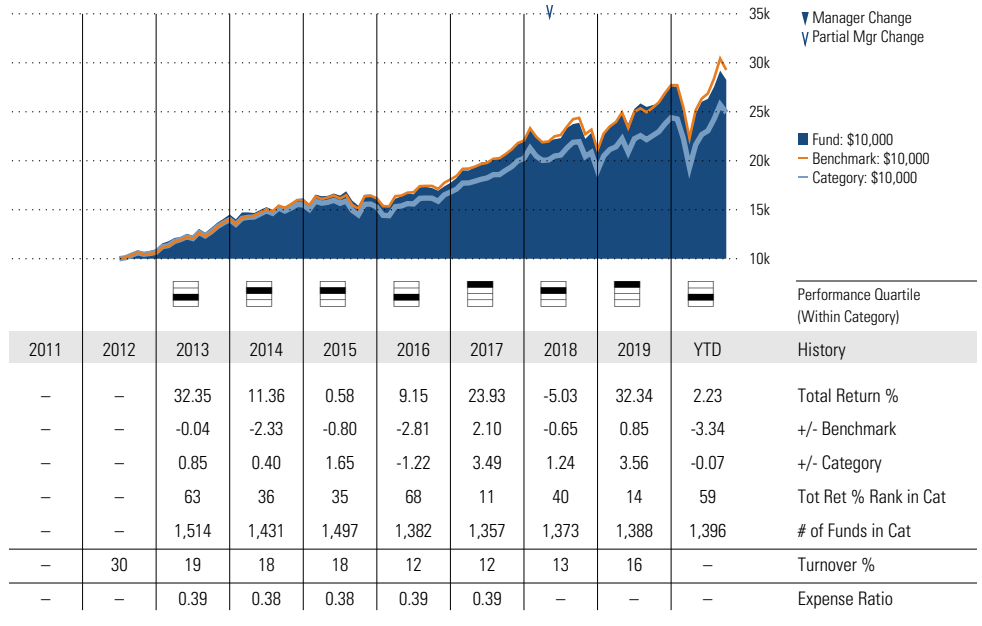
✘ **Style:** The fund has landed in its primary style box — Large Blend — 37.14 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 55.29% lower than the Large Blend category average.

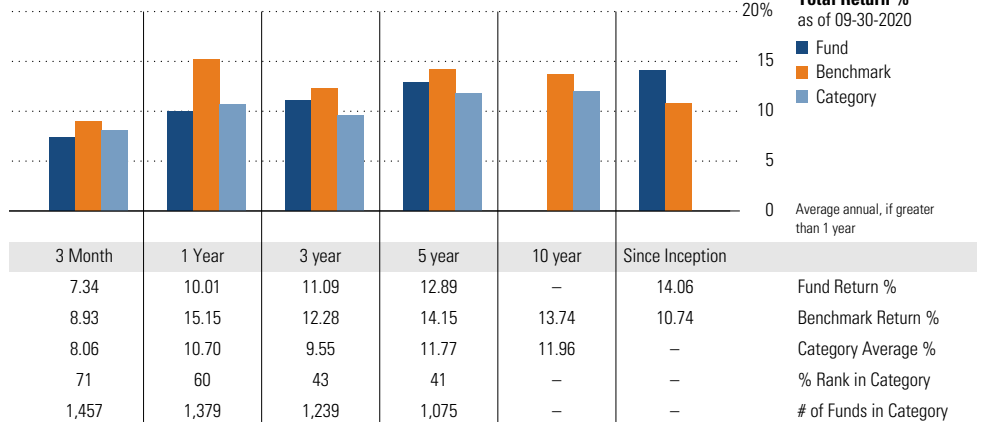
## Morningstar Investment Management LLC Analysis

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

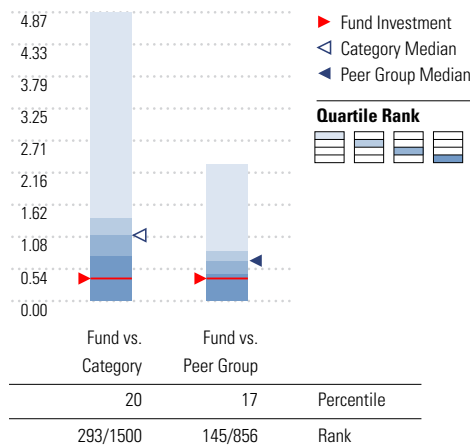
## Growth of \$10,000



## 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	-0.71	-	-2.29
Beta	0.97	-	0.97
R-Squared	98.07	-	95.59
Standard Deviation	17.33	17.74	17.56
Sharpe Ratio	0.60	0.65	0.51
Tracking Error	2.47	-	3.57
Information Ratio	-0.48	-	-1.28
Up Capture Ratio	94.18	-	91.12
Down Capture Ratio	96.47	-	100.00

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	27.08	25.90	24.36
Price/Book Ratio	3.80	3.55	3.50
Geom Avg Mkt Cap \$B	129.39	156.62	220.30
ROE	25.64	27.32	29.32

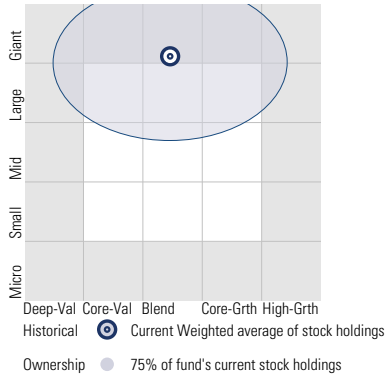
# MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category  
Large Blend

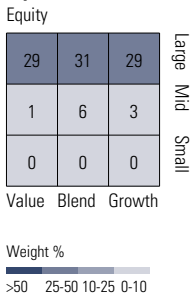
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 09-30-2020

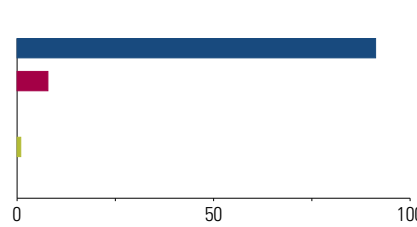
Morningstar Style Box™



## Style Breakdown

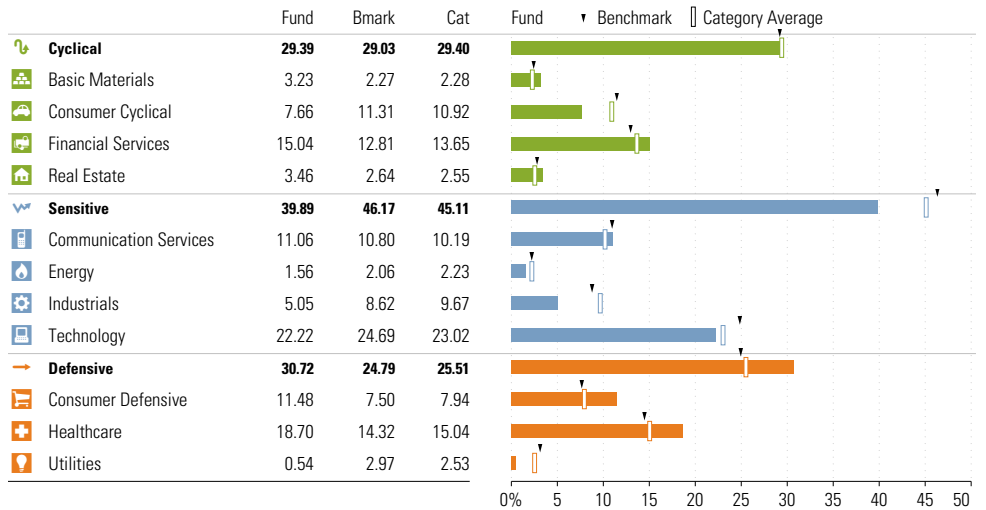


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	91.22	94.93
Non-US Stocks	7.84	2.88
Bonds	0.00	0.53
Cash	0.93	0.37
Other	0.00	1.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	5.30	5.30	34.34	Technology
Alphabet Inc A	3.77	9.08	9.42	Communication Svc
Johnson & Johnson	2.83	11.91	4.10	Healthcare
Mastercard Inc A	2.62	14.53	13.66	Financial Services
Apple Inc	2.48	17.00	58.57	Technology
Visa Inc Class A	2.43	19.43	6.90	Financial Services
Medtronic PLC	2.37	21.81	-6.90	Healthcare
Fidelity National Information Services Inc	2.20	24.01	6.59	Technology
Facebook Inc A	2.11	26.12	27.60	Communication Svc
JPMorgan Chase & Co	2.09	28.21	-29.00	Financial Services
Comcast Corp Class A	2.09	30.30	4.36	Communication Svc
American Tower Corp	2.06	32.37	6.63	Real Estate
Thermo Fisher Scientific Inc	1.97	34.34	36.11	Healthcare
Adobe Inc	1.97	36.31	48.70	Technology
Becton, Dickinson and Co	1.96	38.27	-13.58	Healthcare

Total Holdings 72

⊕ 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 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 6.75 years.

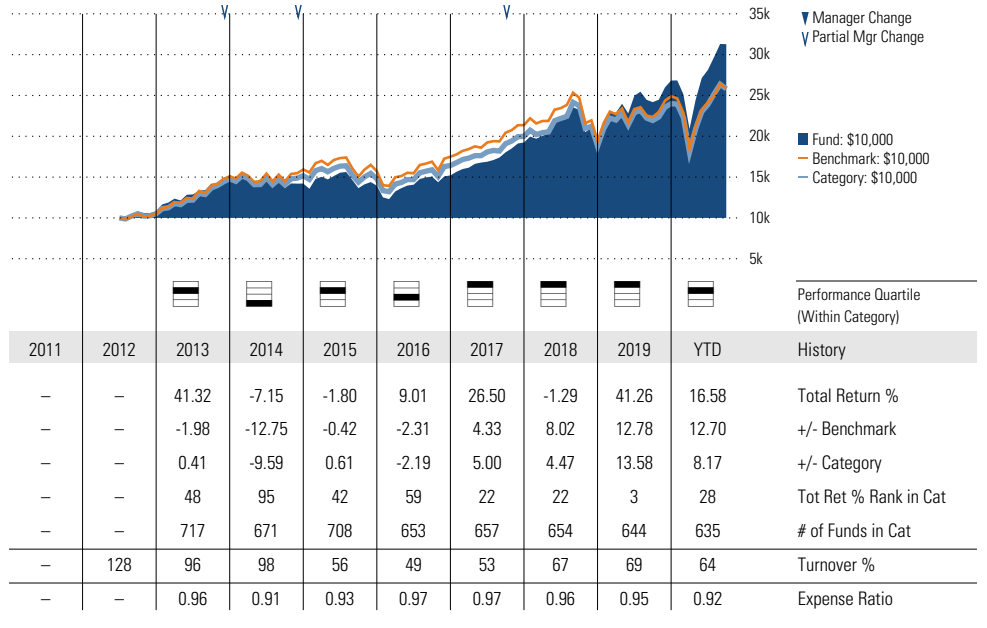
✘ **Style:** The fund has landed in its primary style box — Small Growth — 14.29 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.96 is 21.31% lower than the Small Growth category average.

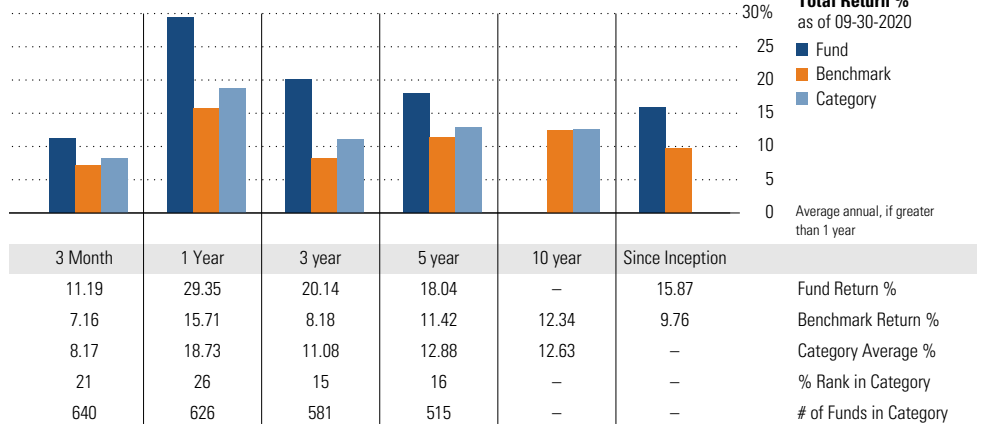
## Morningstar Investment Management LLC Analysis

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

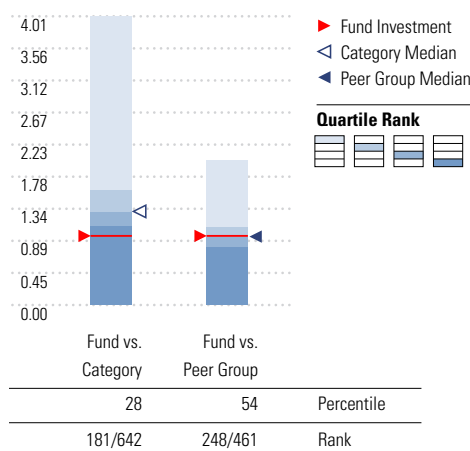
## Growth of \$10,000



## 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	10.79	-	3.52
Beta	0.96	-	0.98
R-Squared	97.91	-	93.77
Standard Deviation	22.51	23.11	23.43
Sharpe Ratio	0.86	0.39	0.52
Tracking Error	3.36	-	5.75
Information Ratio	3.56	-	0.59
Up Capture Ratio	115.06	-	103.24
Down Capture Ratio	79.11	-	91.85

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	23.04	31.69
Price/Book Ratio	4.06	3.56	4.34
Geom Avg Mkt Cap \$B	3.80	2.27	4.59
ROE	-4.74	-3.13	3.16

# MFS New Discovery R6 MNDKX

Morningstar Category

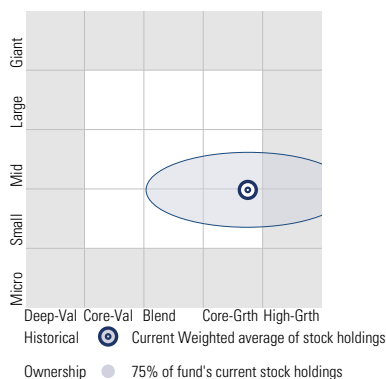
Small Growth

Morningstar Index

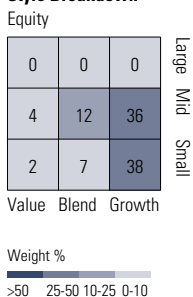
Russell 2000 Growth TR USD

## Style Analysis as of 09-30-2020

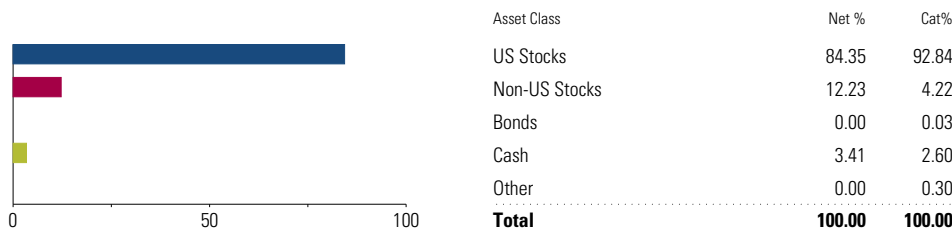
Morningstar Style Box™



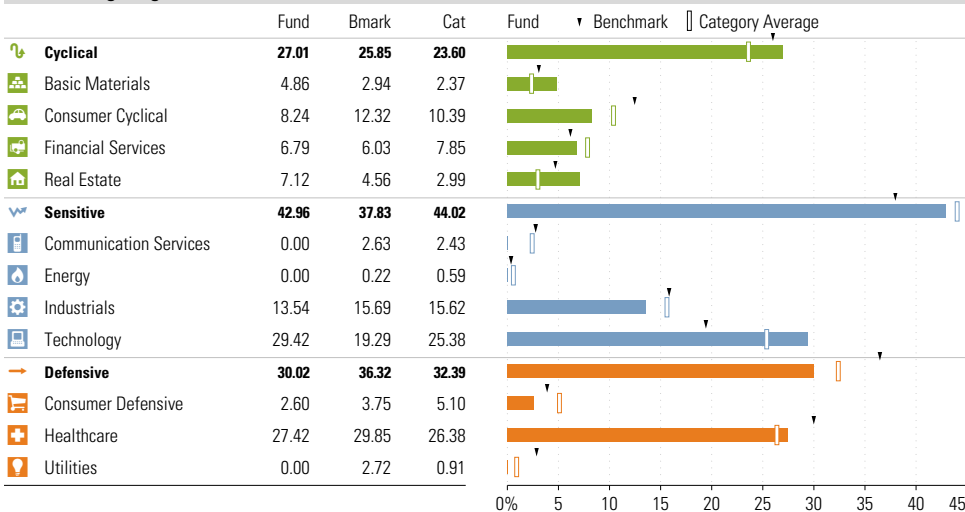
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Currency Cash Cash_usd	3.41	3.41	-	-
Rapid7 Inc	2.14	5.56	9.32	Technology
⊕ PRA Health Sciences Inc	2.13	7.69	-8.74	Healthcare
⊕ QTS Realty Trust Inc Class A	2.11	9.80	18.72	Real Estate
⊕ CACI International Inc Class A	1.80	11.60	-14.73	Technology
⊕ PagerDuty Inc	1.73	13.33	15.90	Technology
⊕ WNS (Holdings) Ltd ADR	1.70	15.03	-3.31	Industrials
⊕ Q2 Holdings Inc	1.66	16.69	12.56	Technology
⊕ CoreSite Realty Corp	1.52	18.21	9.29	Real Estate
⊕ Nuvei Corp Ordinary Shares (Sub Voting)	1.51	19.72	-	Technology
Ping Identity Holding Corp Ordinary Shares	1.50	21.22	28.44	Technology
Stag Industrial Inc	1.48	22.69	0.00	Real Estate
⊕ Box Inc A	1.46	24.16	3.46	Technology
⊖ Generac Holdings Inc	1.45	25.60	92.50	Industrials
Gerresheimer AG	1.44	27.04	40.07	Healthcare

**Total Holdings 122**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

**Morningstar Index**  
Bloomberg Commodity TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 5.75 years.

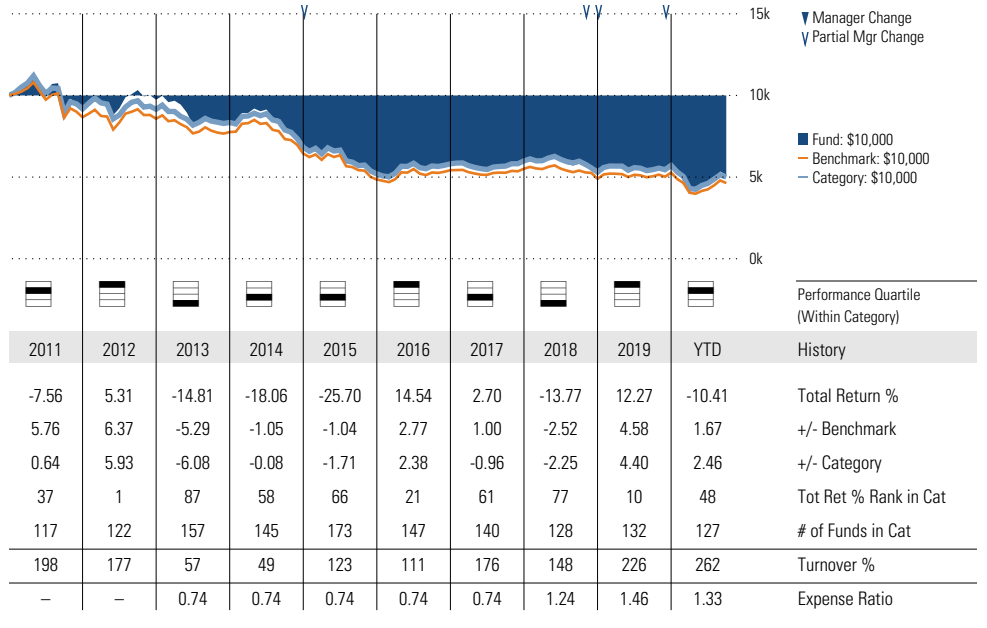
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 1.33 is 18.75% higher than the Commodities Broad Basket category average.

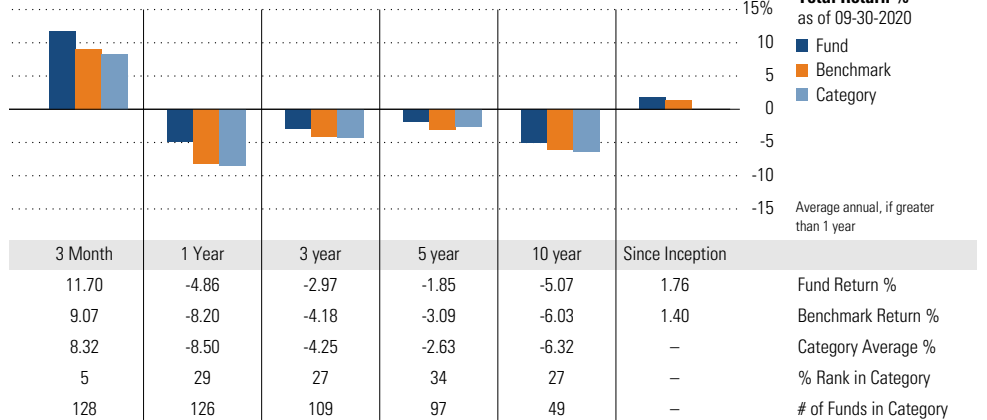
## Morningstar Investment Management LLC Analysis

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.

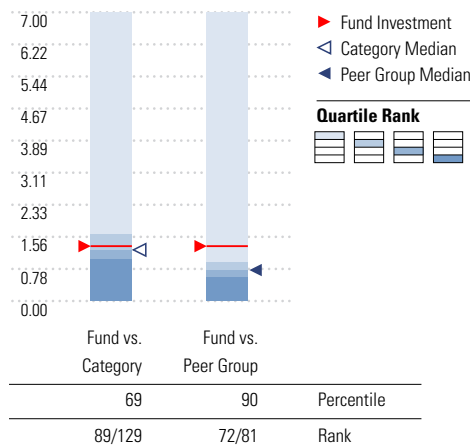
## Growth of \$10,000



## 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	2.53	-	0.48
Beta	1.22	-	1.08
R-Squared	96.15	-	84.85
Standard Deviation	17.17	13.80	16.41
Sharpe Ratio	-0.18	-0.36	-0.30
Tracking Error	4.53	-	6.76
Information Ratio	0.27	-	-0.06
Up Capture Ratio	121.37	-	109.90
Down Capture Ratio	110.31	-	109.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.32	-	10.44
Price/Book Ratio	1.51	-	1.18
Geom Avg Mkt Cap \$B	20.09	-	3.88
ROE	16.78	-	11.90

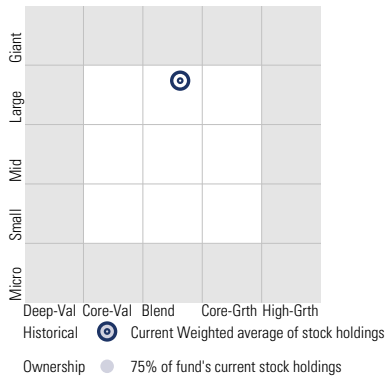
# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

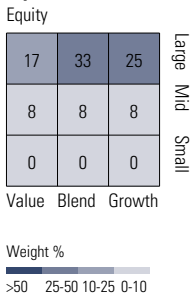
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 09-30-2020

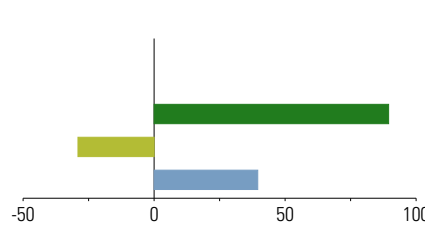
Morningstar Style Box™



## Style Breakdown

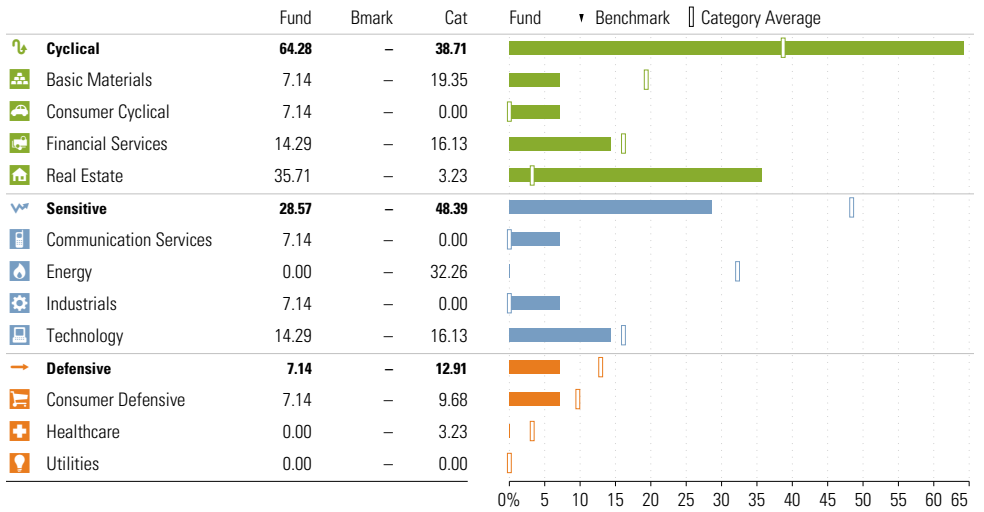


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	0.00	0.17
Non-US Stocks	0.00	0.23
Bonds	89.51	23.78
Cash	-29.06	73.04
Other	39.56	2.78
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Fin Fut Euro-Schatz 2yr Eux 09/08/20	21.24	21.24	-	-
⊖ Pimco Cayman Cmndy Fd Ltd Instl	20.68	41.92	-	-
✳ CashOffSet	19.70	61.63	-	-
⊕ 2 Year Treasury Note Future Sept 20	17.98	79.61	-	-
⊕ 10 Year Treasury Note Future Sept 20	15.65	95.25	-	-
⊕ Offset: Unsettled Trades	14.68	109.94	-	-
⊕ U S Tips Rev Repo	10.40	120.34	-	-
⊕ Federal National Mortgage Association 4%	10.10	130.43	-	-
⊕ FIN FUT US 30YR CBT 09/21/20	9.31	139.74	-	-
⊖ United States Treasury Notes 0.38%	6.71	146.45	-	-
⊕ United States Treasury Notes 0.62%	6.37	152.82	-	-
⊕ U S Tips Rev Repo	6.37	159.18	-	-
⊕ Trs R 0.22/912828v49 Bps	6.12	165.31	-	-
⊕ Long Gilt Future Sept 20	5.82	171.13	-	-
⊕ United States Treasury Notes 0.38%	5.78	176.91	-	-

**Total Holdings 684**

⊕ 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 4.43 years.

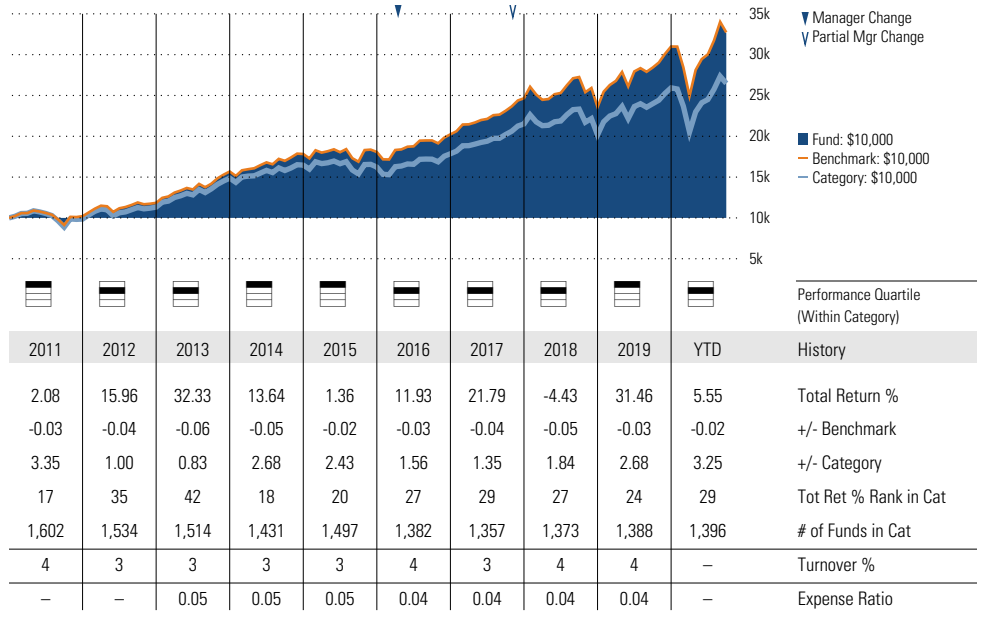
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.29% lower than the Large Blend category average.

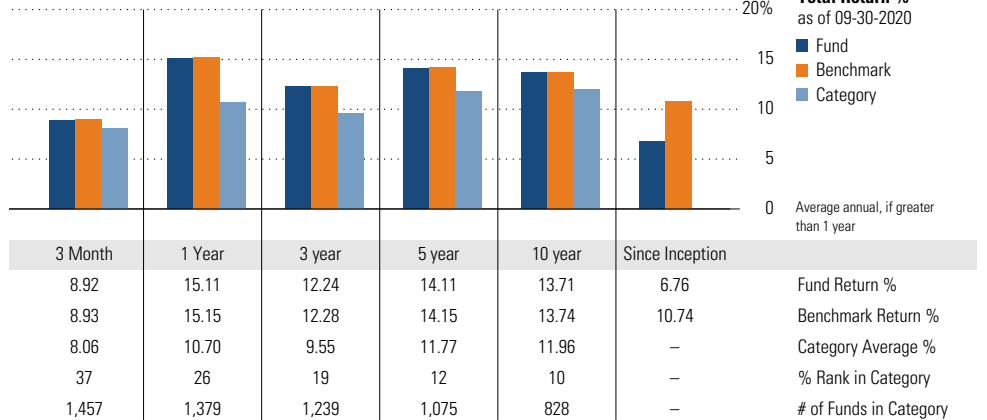
## Morningstar Investment Management LLC Analysis

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

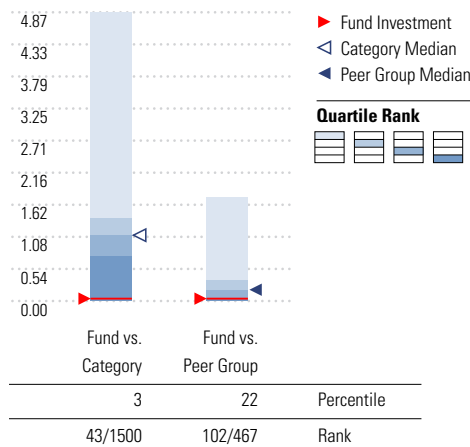
## Growth of \$10,000



## 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	-0.04	—	-2.29
Beta	1.00	—	0.97
R-Squared	100.00	—	95.59
Standard Deviation	17.74	17.74	17.56
Sharpe Ratio	0.65	0.65	0.51
Tracking Error	0.01	—	3.57
Information Ratio	-3.89	—	-1.28
Up Capture Ratio	99.93	—	91.12
Down Capture Ratio	100.06	—	100.00

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	25.91	25.90	24.36
Price/Book Ratio	3.56	3.55	3.50
Geom Avg Mkt Cap \$B	156.78	156.62	220.30
ROE	27.33	27.32	29.32

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Style Analysis as of 09-30-2020

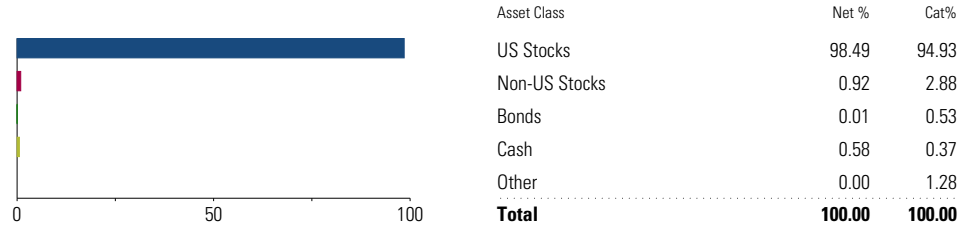
Morningstar Style Box™



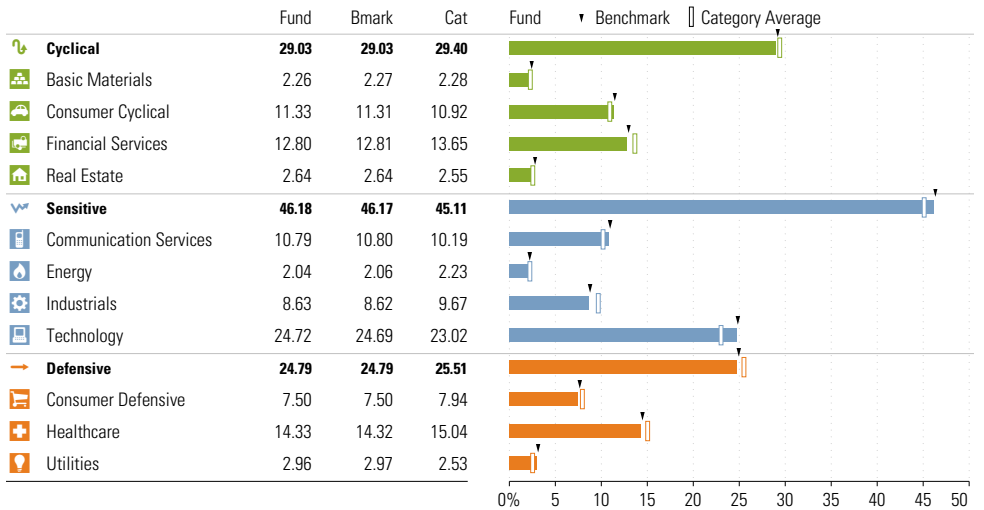
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	6.65	6.65	58.57	Technology
Microsoft Corp	5.68	12.33	34.34	Technology
Amazon.com Inc	4.79	17.12	70.40	Consumer Cyclical
Facebook Inc A	2.25	19.37	27.60	Communication Svc
Alphabet Inc A	1.57	20.94	9.42	Communication Svc
Alphabet Inc Class C	1.54	22.48	9.92	Communication Svc
Berkshire Hathaway Inc Class B	1.48	23.96	-5.99	Financial Services
Johnson & Johnson	1.40	25.36	4.10	Healthcare
Procter & Gamble Co	1.24	26.60	13.14	Consumer Defensive
Visa Inc Class A	1.20	27.79	6.90	Financial Services
NVIDIA Corp	1.19	28.98	130.22	Technology
The Home Depot Inc	1.07	30.05	29.23	Consumer Cyclical
Mastercard Inc A	1.07	31.12	13.66	Financial Services
UnitedHealth Group Inc	1.06	32.18	7.27	Healthcare
JPMorgan Chase & Co	1.03	33.21	-29.00	Financial Services

**Total Holdings 514**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard High-Yield Corporate Adm VWEAX

**Morningstar Category**  
High Yield Bond

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

## Portfolio Manager(s)

Michael Hong since 02-2008

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 12.64 years.

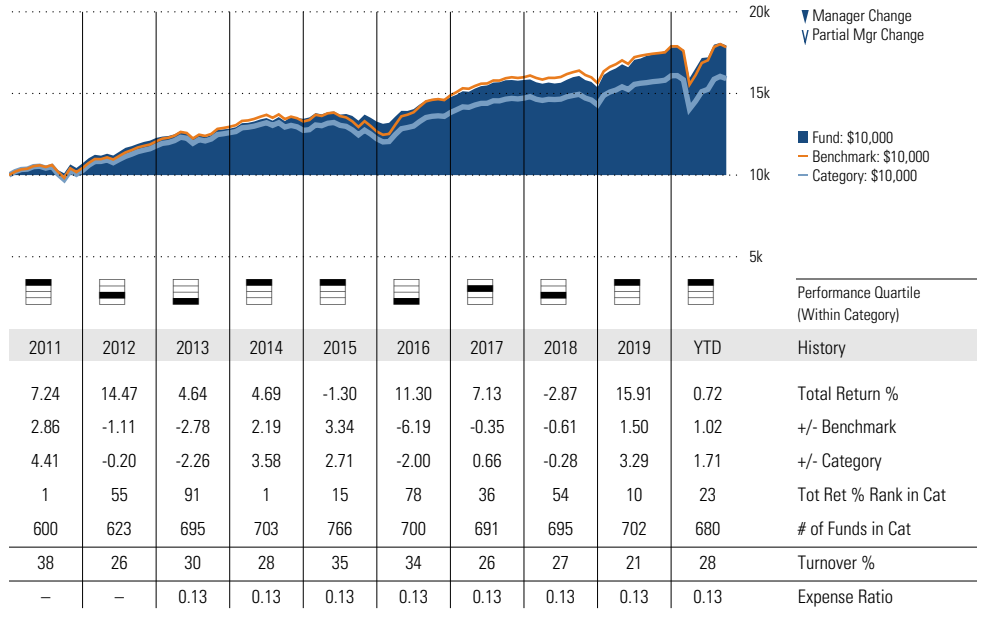
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 86.6% lower than the High Yield Bond category average.

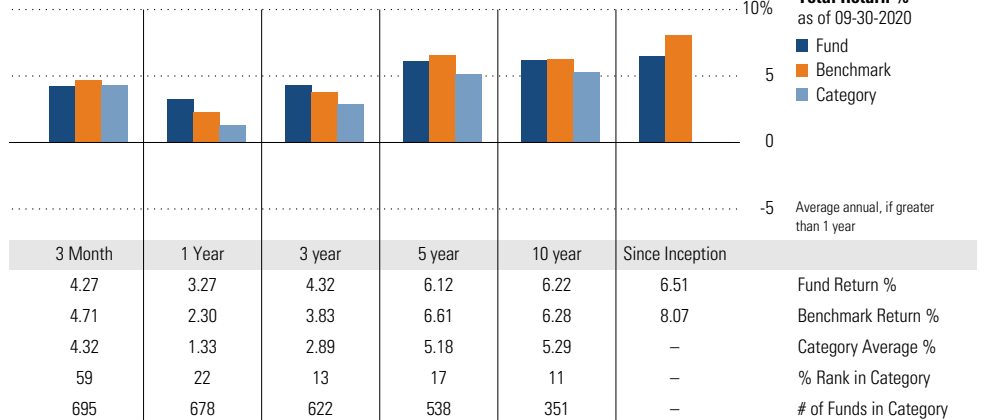
## Morningstar Investment Management LLC Analysis

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

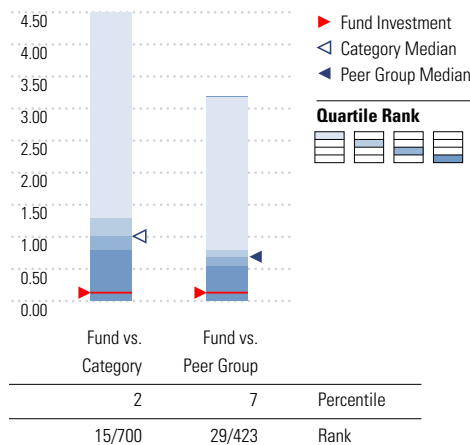
## Growth of \$10,000



## 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	0.86	-	-0.71
Beta	0.89	-	0.96
R-Squared	97.94	-	95.34
Standard Deviation	8.28	9.26	9.12
Sharpe Ratio	0.36	0.28	0.20
Tracking Error	1.60	-	2.21
Information Ratio	0.30	-	-0.43
Up Capture Ratio	95.12	-	90.84
Down Capture Ratio	86.82	-	97.86

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.89	-	3.48
Avg Eff Maturity	5.00	-	5.39

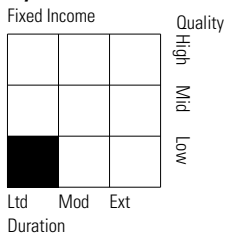
# Vanguard High-Yield Corporate Adm VWEAX

**Morningstar Category**  
High Yield Bond

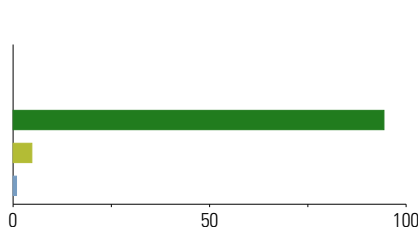
**Morningstar Index**  
ICE BofA US High Yield TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

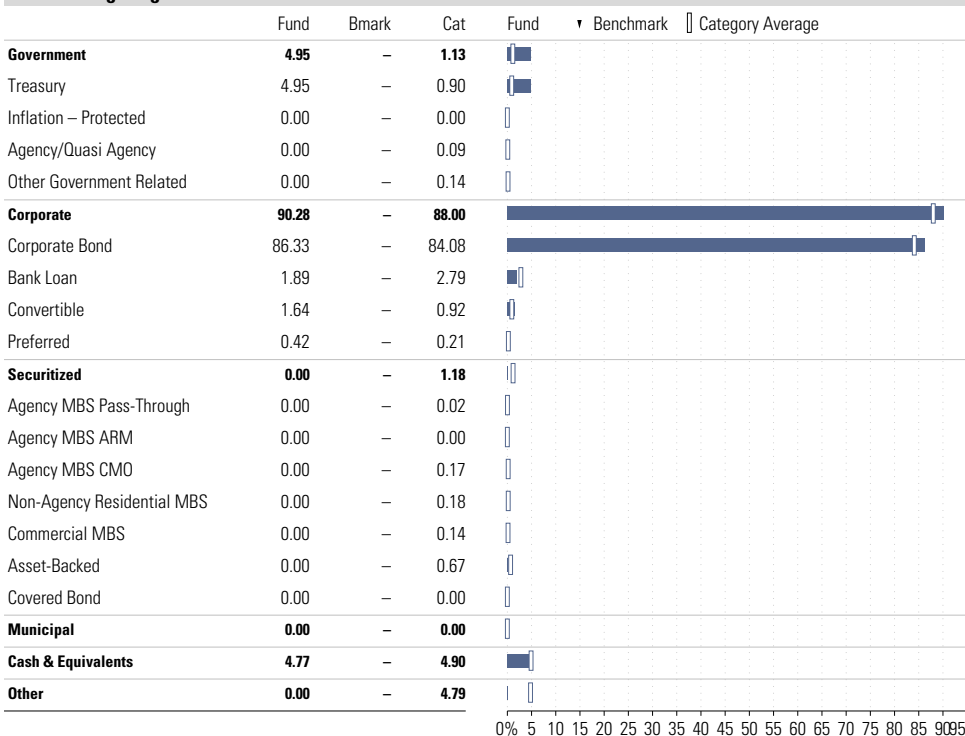


Asset Class	Net %	Cat%
US Stocks	0.00	0.64
Non-US Stocks	0.00	0.03
Bonds	94.36	94.14
Cash	4.77	3.70
Other	0.87	1.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	3.72	-	1.80
AA	-0.02	-	0.09
A	0.00	-	1.78
BBB	4.48	-	3.65
BB	49.92	-	27.67
B	32.91	-	37.31
Below B	5.53	-	26.02
Not Rated	3.46	-	1.69

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Jpm Triparty Treasury	07-2020	1.82	1.82	-
T-Mobile US, Inc. 7.88%	09-2023	1.20	3.01	-
⊕ Rbc Triparty Mtge	07-2020	1.14	4.15	-
⊕ United States Treasury Notes 2.62%	07-2021	1.00	5.16	-
⊕ United States Treasury Notes 2.38%	04-2021	1.00	6.15	-
United States Treasury Notes 2%	01-2021	0.99	7.14	-
United States Treasury Notes 1.62%	10-2020	0.98	8.12	-
United States Treasury Notes 1.5%	07-2020	0.98	9.10	-
United States Treasury Bills 0.01%	02-2021	0.98	10.08	-
⊕ HCA Inc. 3.5%	09-2030	0.74	10.82	-

**Total Holdings 566**

⊕ 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

## 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 9.12 years.

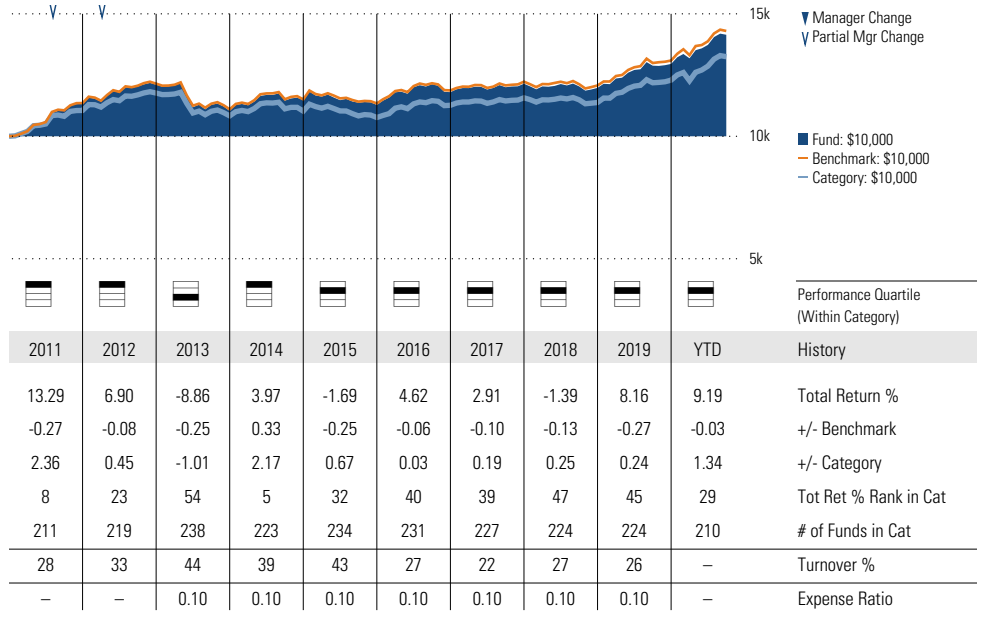
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.29% lower than the Inflation-Protected Bond category average.

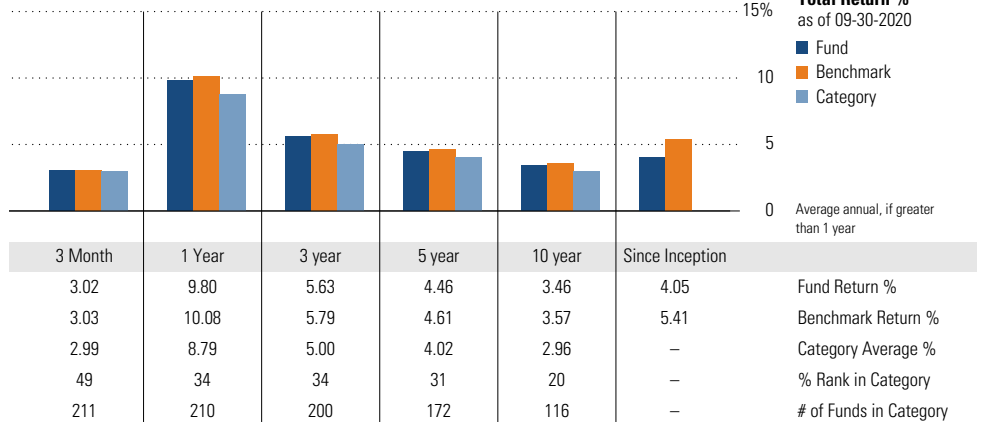
## Morningstar Investment Management LLC Analysis

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.

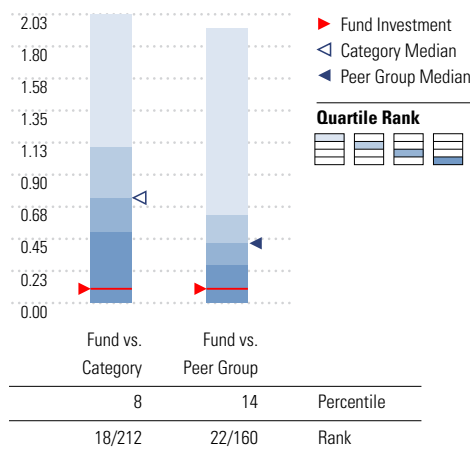
## Growth of \$10,000



## 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	0.19	-	-0.60
Beta	0.94	-	0.92
R-Squared	98.24	-	78.22
Standard Deviation	3.59	3.80	4.12
Sharpe Ratio	1.09	1.07	0.78
Tracking Error	0.53	-	2.12
Information Ratio	-0.32	-	-0.65
Up Capture Ratio	95.62	-	86.21
Down Capture Ratio	92.57	-	97.65

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.76	4.52	7.64
Avg Eff Maturity	8.40	-	9.74

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

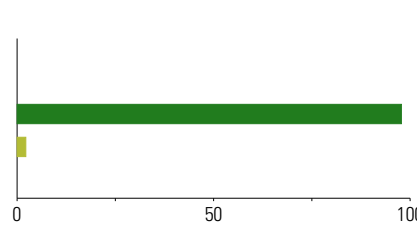
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

**Style Analysis** as of 09-30-2020

**Style Breakdown**



**Asset Allocation** as of 09-30-2020

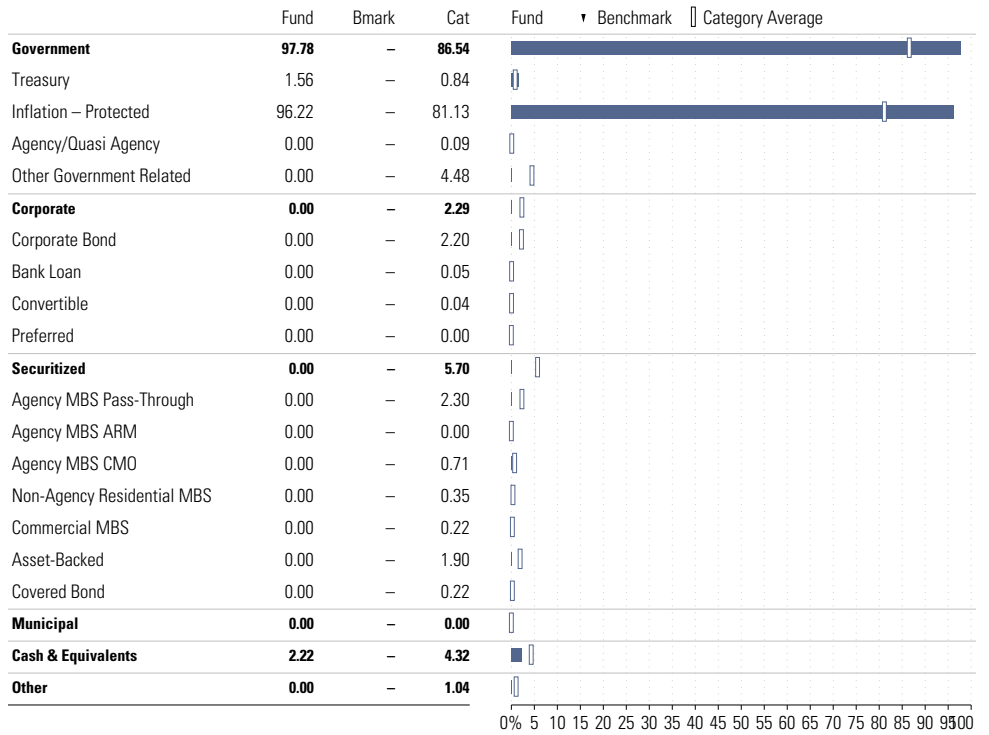


Asset Class	Net %	Cat%
US Stocks	0.00	-0.04
Non-US Stocks	0.00	0.01
Bonds	97.78	99.36
Cash	2.22	2.36
Other	0.00	-1.70
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	0.00	95.71
AA	0.00	99.60	1.90
A	0.00	0.00	0.73
BBB	0.00	0.00	1.28
BB	0.00	0.00	0.17
B	0.00	0.00	0.05
Below B	0.00	0.00	0.00
Not Rated	0.00	0.40	0.16

**Sector Weighting** as of 09-30-2020



**Top 10 Holdings** as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 0.12%	04-2025	4.13	4.13	-
⊕ United States Treasury Notes 0.38%	07-2023	3.64	7.77	-
⊕ United States Treasury Notes 0.62%	01-2024	3.57	11.35	-
⊕ United States Treasury Notes 0.12%	07-2024	3.47	14.81	-
⊕ United States Treasury Notes 0.38%	07-2025	3.31	18.13	-
⊕ United States Treasury Notes 0.12%	01-2023	3.27	21.40	-
⊕ United States Treasury Notes 0.25%	01-2025	3.24	24.64	-
⊕ United States Treasury Notes 0.12%	01-2030	3.24	27.88	-
⊕ United States Treasury Notes 0.62%	04-2023	3.18	31.05	-
⊕ United States Treasury Notes 0.5%	01-2028	3.16	34.21	-

**Total Holdings** 47

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

James Anderson since 02-2003  
Simon Webber since 12-2009  
Thomas Coutts since 12-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 17.66 years.

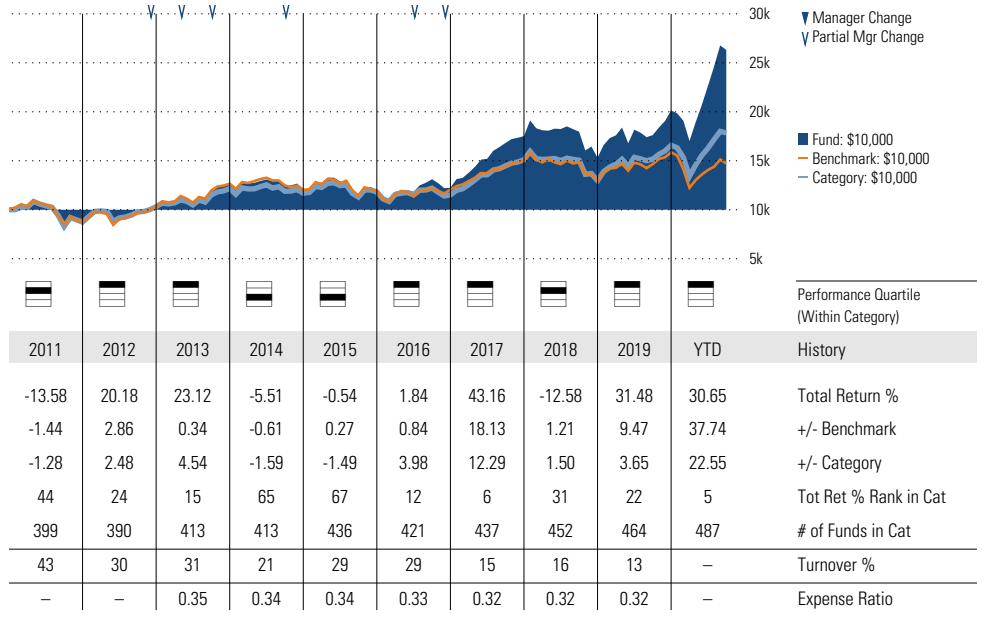
✔ **Style:** The fund has landed in its primary style box — Large Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.32 is 70.64% lower than the Foreign Large Growth category average.

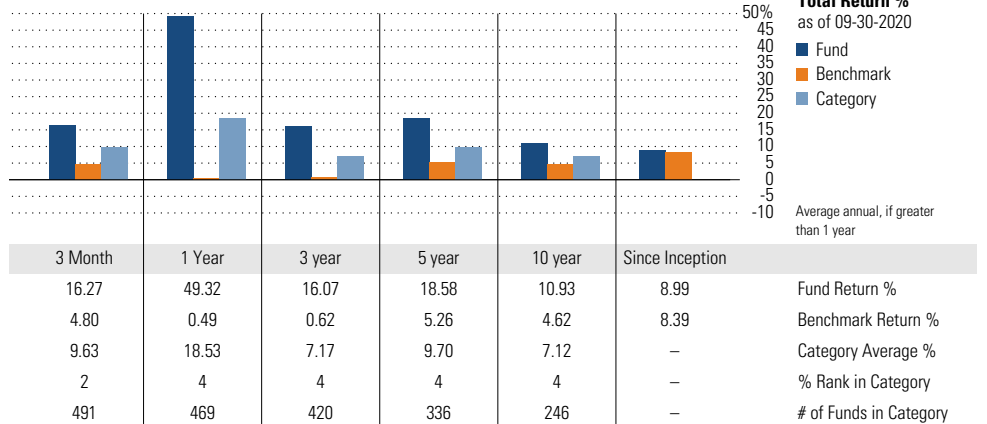
## Morningstar Investment Management LLC Analysis

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

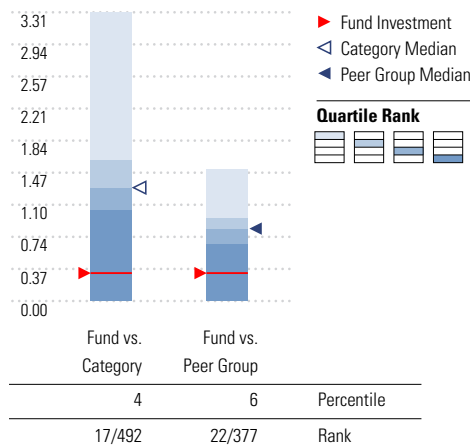
## Growth of \$10,000



## 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	14.79	-	6.53
Beta	1.15	-	0.99
R-Squared	81.76	-	-
Standard Deviation	19.73	15.45	16.45
Sharpe Ratio	0.77	0.01	0.39
Tracking Error	8.76	-	6.04
Information Ratio	1.76	-	1.09
Up Capture Ratio	154.18	-	112.94
Down Capture Ratio	86.32	-	83.01

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	28.36	19.92	27.17
Price/Book Ratio	4.04	1.54	3.47
Geom Avg Mkt Cap \$B	73.44	36.00	51.10
ROE	13.89	12.77	16.53

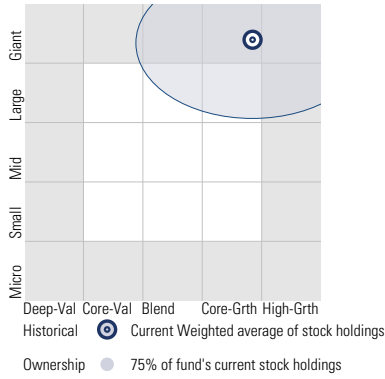
# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

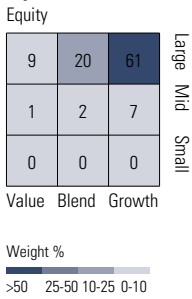
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2020

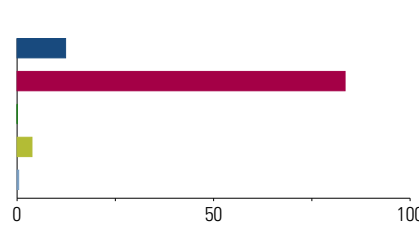
Morningstar Style Box™



## Style Breakdown

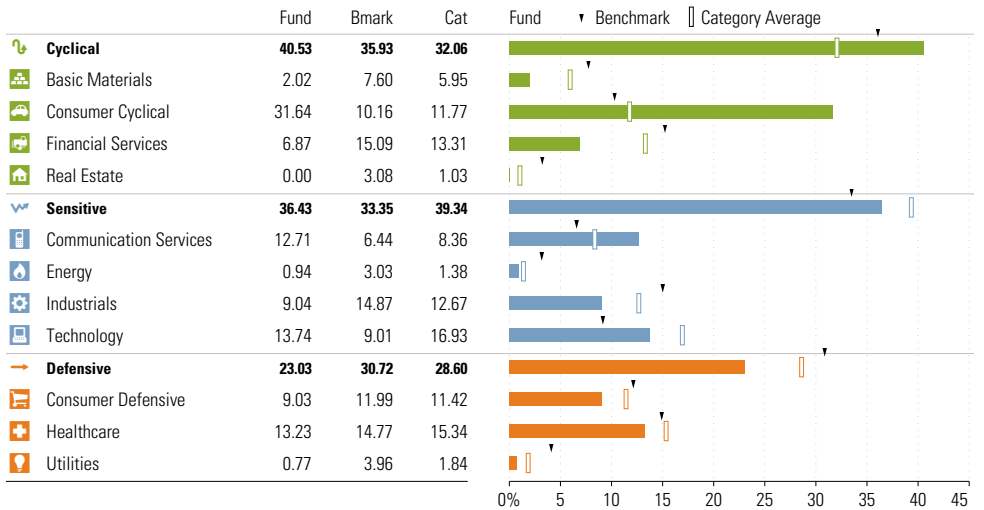


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	12.34	7.02
Non-US Stocks	83.45	89.91
Bonds	0.04	-0.01
Cash	3.78	2.55
Other	0.40	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	34.93	32.77	Americas	17.89	12.36	Greater Europe	47.18	54.86	Developed Markets	75.01
Japan	9.71	13.77	North America	13.36	10.45	United Kingdom	5.76	10.50	Emerging Markets	24.99
Australasia	0.04	1.77	Central/Latin	4.53	1.91	W euro-ex UK	40.67	42.96	Not Available	0.00
Asia-4 Tigers	4.72	6.25				Emrgng Europe	0.00	0.39		
Asia-ex 4 Tigers	20.46	10.98				Africa	0.75	1.01		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Tencent Holdings Ltd	5.96	5.96	36.50	Communication Svc
ASML Holding NV	5.63	11.59	19.85	Technology
Alibaba Group Holding Ltd ADR	5.14	16.73	38.60	Consumer Cyclical
⊖ Tesla Inc	4.96	21.69	412.77	Consumer Cyclical
⊕ MercadoLibre Inc	3.98	25.67	89.26	Consumer Cyclical
⊕ Vanguard Market Liquidity Inv	3.70	29.36	—	—
⊖ Amazon.com Inc	2.65	32.01	70.40	Consumer Cyclical
TAL Education Group ADR	2.64	34.65	57.76	Consumer Defensive
Spotify Technology SA	2.61	37.27	62.20	Communication Svc
M3 Inc	2.36	39.63	96.93	Healthcare

**Total Holdings 130**

⊕ 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  
 A. Krishna since 08-2012  
 Steven Morrow since 08-2012  
 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 9 of the 10 years it's been in existence.

**Management:** The fund's management has been in place for 12.38 years.

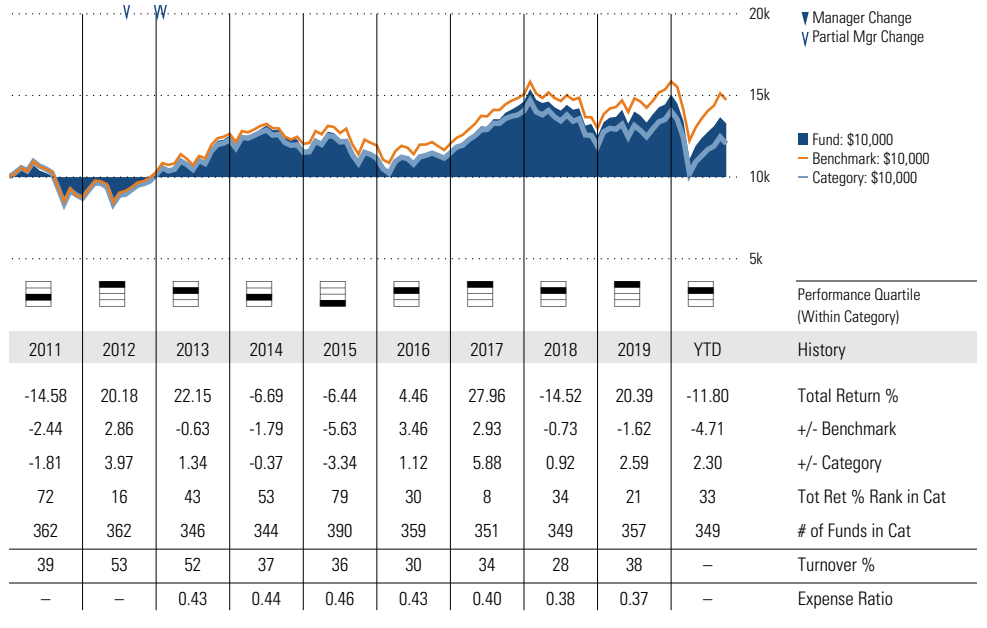
**Style:** The fund has landed in its primary style box — Large Value — 45.45 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.37 is 65.09% lower than the Foreign Large Value category average.

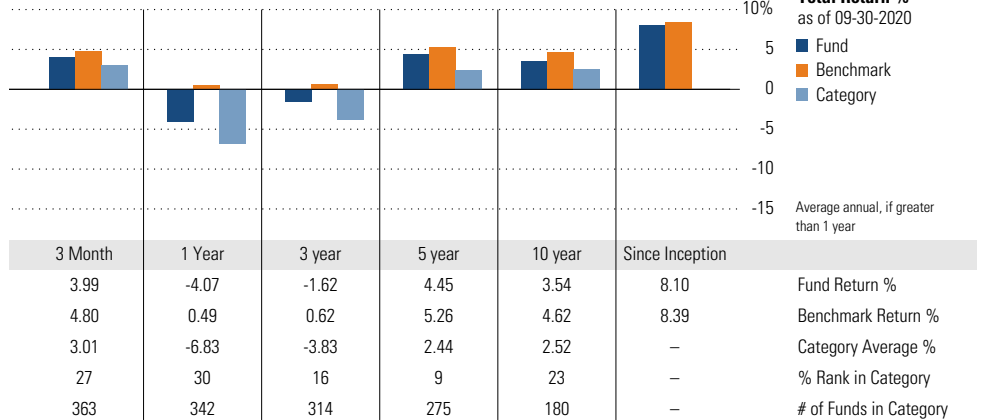
## Morningstar Investment Management LLC Analysis

This foreign large value fund fails our style consistency screen owing to its occasional drift into the blend portion of the style box. However, the movement has been minor and the fund still pursues a value-oriented strategy.

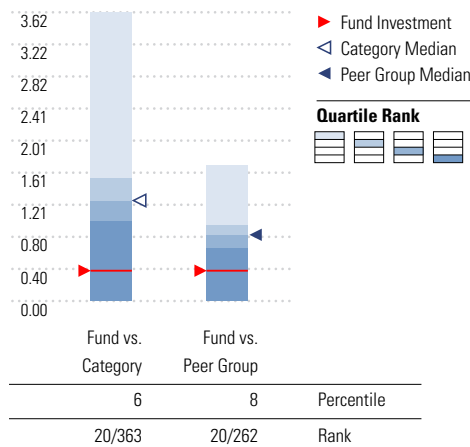
## Growth of \$10,000



## 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	-2.13	-	-4.56
Beta	1.07	-	1.10
R-Squared	96.54	-	93.16
Standard Deviation	16.89	15.45	17.57
Sharpe Ratio	-0.11	0.01	-0.23
Tracking Error	3.35	-	4.99
Information Ratio	-0.67	-	-1.01
Up Capture Ratio	99.42	-	95.81
Down Capture Ratio	109.96	-	118.15

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.87	19.92	14.64
Price/Book Ratio	1.22	1.54	1.00
Geom Avg Mkt Cap \$B	34.01	36.00	29.55
ROE	13.12	12.77	9.40

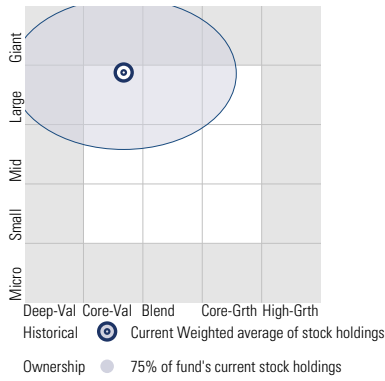
# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

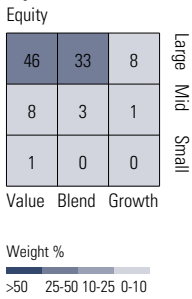
**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 09-30-2020

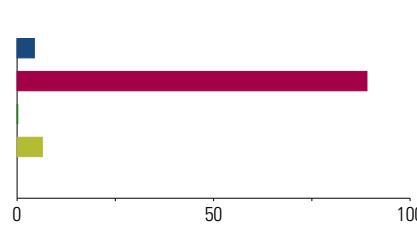
Morningstar Style Box™



## Style Breakdown

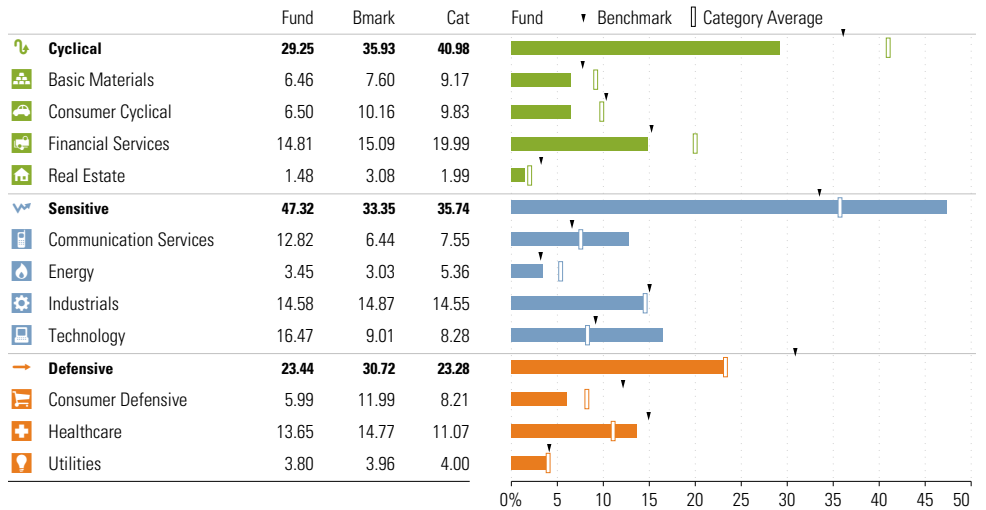


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	4.39	3.62
Non-US Stocks	89.02	94.66
Bonds	0.17	0.24
Cash	6.42	1.40
Other	0.00	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## World Regions % Equity 09-30-2020



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.27	33.75	Americas	8.02	6.09	Greater Europe	54.71	60.16	Developed Markets	88.85
Japan	16.84	19.08	North America	6.13	5.29	United Kingdom	12.79	16.23	Emerging Markets	11.15
Australasia	0.54	3.05	Central/Latin	1.89	0.80	W euro-ex UK	40.88	43.05	Not Available	0.00
Asia-4 Tigers	11.68	7.74				Emrgng Europe	0.29	0.40		
Asia-ex 4 Tigers	8.21	3.88				Africa	0.75	0.48		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Market Liquidity Inv	6.37	6.37	-	-
⊖ Novartis AG	2.72	9.09	-9.84	Healthcare
⊖ Sanofi SA	2.47	11.55	-1.27	Healthcare
⊕ Samsung Electronics Co Ltd	2.31	13.87	-	Technology
⊖ Tesco PLC	1.83	15.70	-14.18	Consumer Defensive
⊖ Panasonic Corp	1.61	17.31	-11.24	Technology
⊖ SAP SE	1.55	18.86	11.65	Technology
Sony Corp	1.53	20.39	9.20	Technology
⊖ Fresenius Medical Care AG & Co. KGaA	1.48	21.87	11.01	Healthcare
Samsung SDI Co Ltd	1.47	23.34	-	Technology

**Total Holdings 159**

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

✔ **Management:** The fund's management has been in place for 26.02 years.

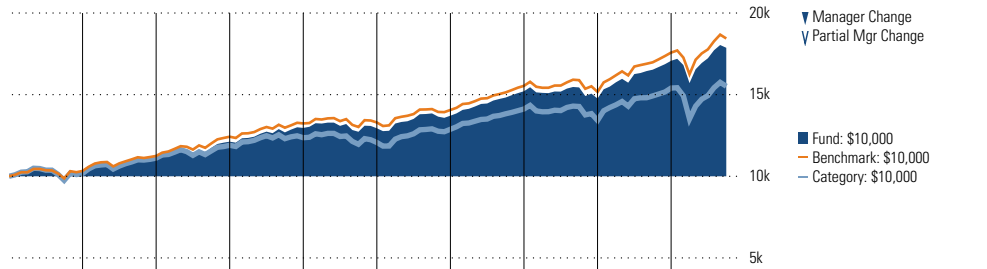
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.46% lower than the Allocation--30% to 50% Equity category average.

## Morningstar Investment Management LLC Analysis

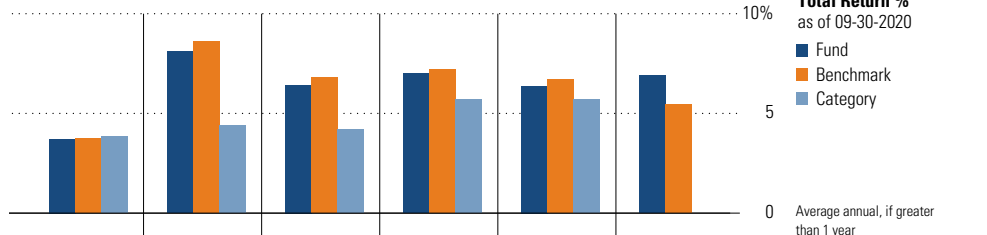
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



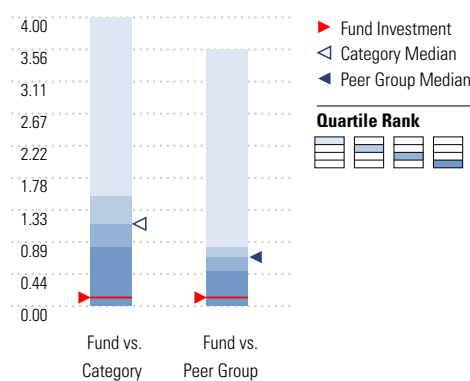
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
Total Return %	1.76	9.19	9.08	6.95	-0.17	5.96	10.92	-2.95	15.68	4.66	Total Return %
+/- Benchmark	-1.51	0.29	-1.39	0.40	-0.62	0.19	0.41	-0.54	-0.21	-0.25	+/- Benchmark
+/- Category	0.06	-0.21	1.85	2.93	2.15	-0.66	1.06	2.09	0.87	3.64	+/- Category
Tot Ret % Rank in Cat	48	57	33	9	12	54	30	14	36	22	Tot Ret % Rank in Cat
# of Funds in Cat	512	520	571	554	608	575	570	589	564	548	# of Funds in Cat
Turnover %	46	15	19	15	16	9	6	11	9	-	Turnover %
Expense Ratio	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2020
Fund Return %	3.72	8.11	6.43	7.02	6.38	6.92	Fund Return %
Benchmark Return %	3.76	8.59	6.80	7.21	6.69	5.43	Benchmark Return %
Category Average %	3.85	4.38	4.18	5.68	5.68	-	Category Average %
% Rank in Category	51	21	12	18	24	-	% Rank in Category
# of Funds in Category	562	547	517	451	285	-	# 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	-0.41	-	-3.76
Beta	1.01	-	1.22
R-Squared	99.15	-	92.28
Standard Deviation	7.28	7.17	9.15
Sharpe Ratio	0.67	0.73	0.35
Tracking Error	0.68	-	3.21
Information Ratio	-0.55	-	-0.87
Up Capture Ratio	97.06	-	97.86
Down Capture Ratio	99.45	-	132.46

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.67	23.27	23.23
Price/Book Ratio	2.19	2.52	2.74
Avg Eff Duration	7.06	6.34	4.88

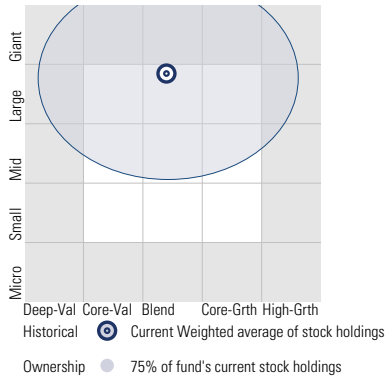
# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

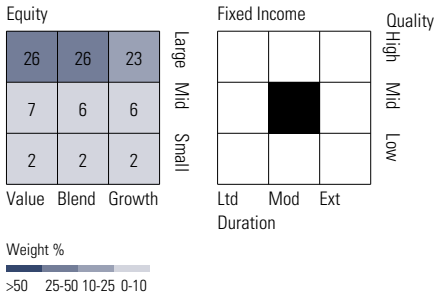
**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Style Analysis as of 09-30-2020

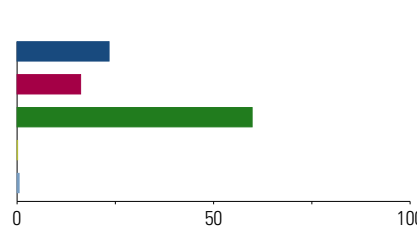
Morningstar Style Box™



## Style Breakdown

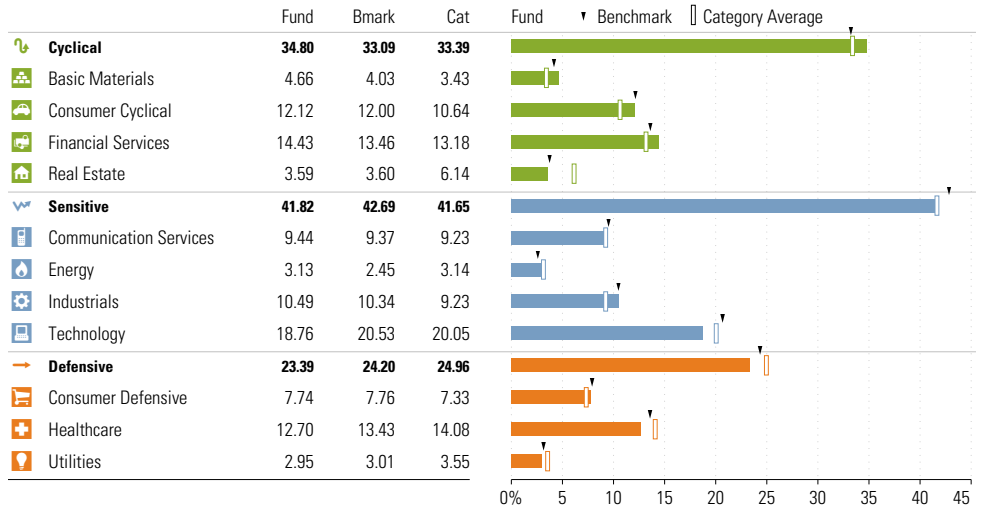


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	23.40	28.05
Non-US Stocks	16.16	7.44
Bonds	59.80	54.13
Cash	0.13	5.96
Other	0.51	4.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	42.33	42.33	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	23.56	65.89	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	18.02	83.90	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	16.10	100.00	—	—
⊖ Cashusd	—	0.00	100.00	—	—

## Total Holdings 5

⊕ 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 26.02 years.

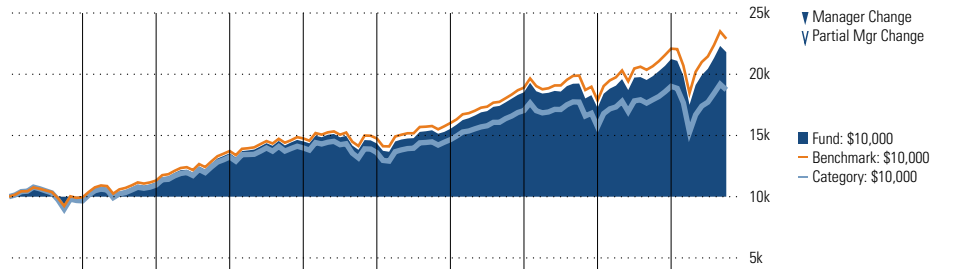
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.14 is 87.39% lower than the Allocation--70% to 85% Equity category average.

## Morningstar Investment Management LLC Analysis

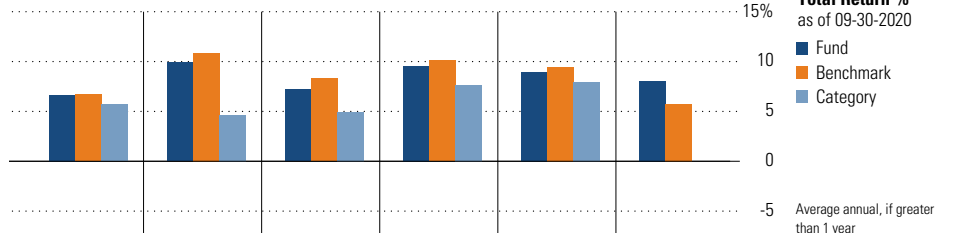
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



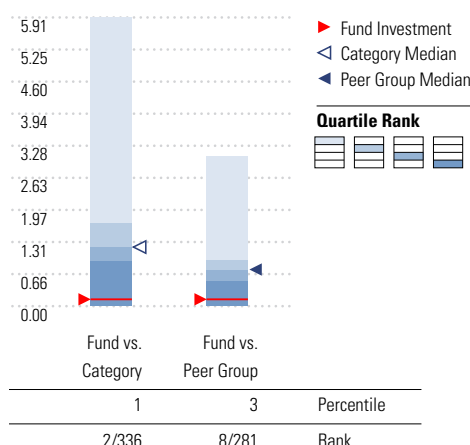
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
	-2.28	14.38	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	2.65	Total Return %
	-1.80	0.62	-0.07	-0.32	-1.14	-0.23	1.18	-1.37	-0.54	-1.02	+/- Benchmark
	1.52	0.96	-0.11	1.47	1.60	0.40	3.41	1.03	1.78	3.96	+/- Category
	34	37	53	20	30	34	20	34	32	27	Tot Ret % Rank in Cat
	358	376	397	393	415	374	343	348	333	326	# of Funds in Cat
	22	10	9	10	13	5	6	10	6	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2020
	6.63	9.91	7.19	9.54	8.98	8.04	Fund Return %
	6.71	10.86	8.28	10.12	9.47	5.74	Benchmark Return %
	5.70	4.62	4.94	7.65	7.96	-	Category Average %
	28	23	23	18	19	-	% Rank in Category
	333	325	310	280	190	-	# 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	-1.17	-	-3.25
Beta	1.02	-	1.05
R-Squared	99.43	-	95.87
Standard Deviation	13.94	13.58	14.57
Sharpe Ratio	0.45	0.53	0.31
Tracking Error	1.09	-	3.17
Information Ratio	-0.99	-	-1.04
Up Capture Ratio	97.80	-	93.27
Down Capture Ratio	103.57	-	110.23

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.70	23.29	23.33
Price/Book Ratio	2.20	2.55	2.60
Avg Eff Duration	7.05	6.37	4.85

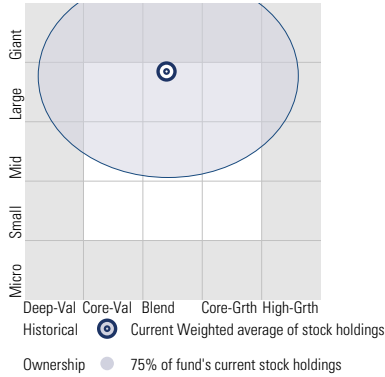
# Vanguard LifeStrategy Growth Inv VASGX

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

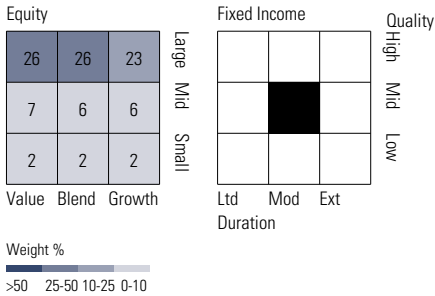
**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR  
USD

## Style Analysis as of 09-30-2020

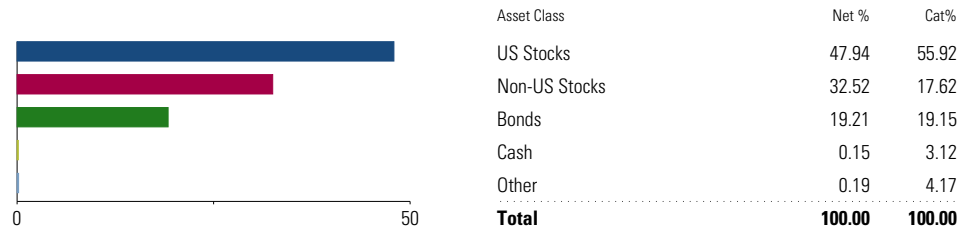
Morningstar Style Box™



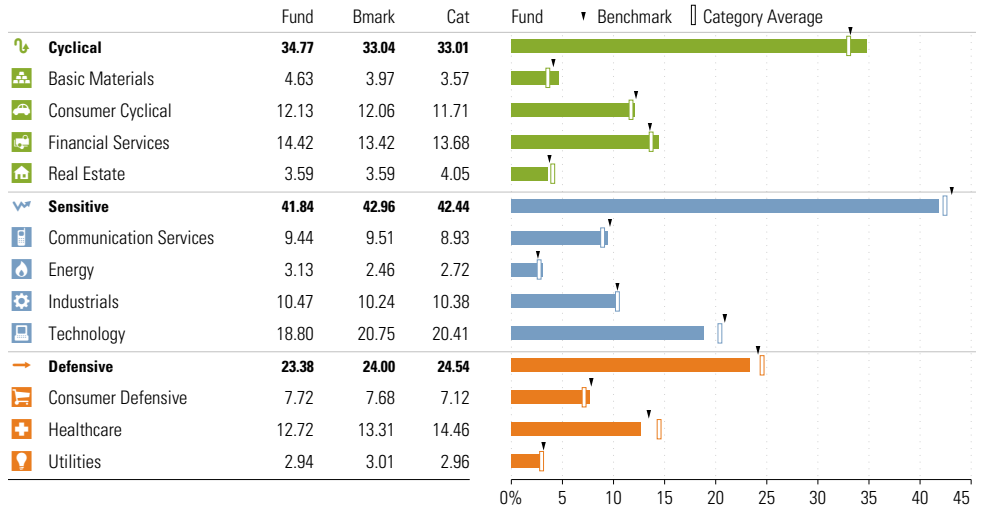
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	48.26	48.26	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	32.37	80.64	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.70	94.34	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	5.66	100.00	—	—
⊖ Cashusd	—	0.00	100.00	—	—

## Total Holdings 5

⊕ 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 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 26.02 years.

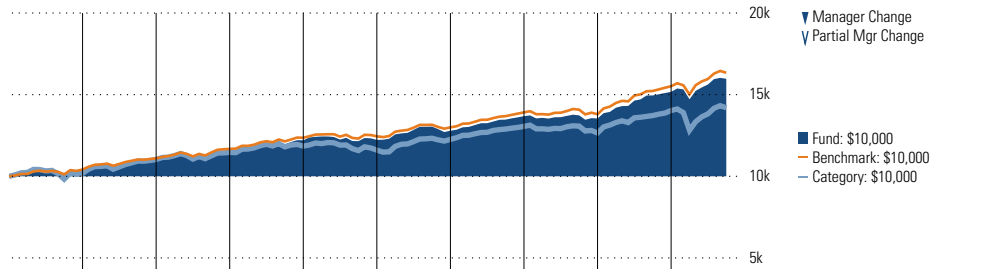
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **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

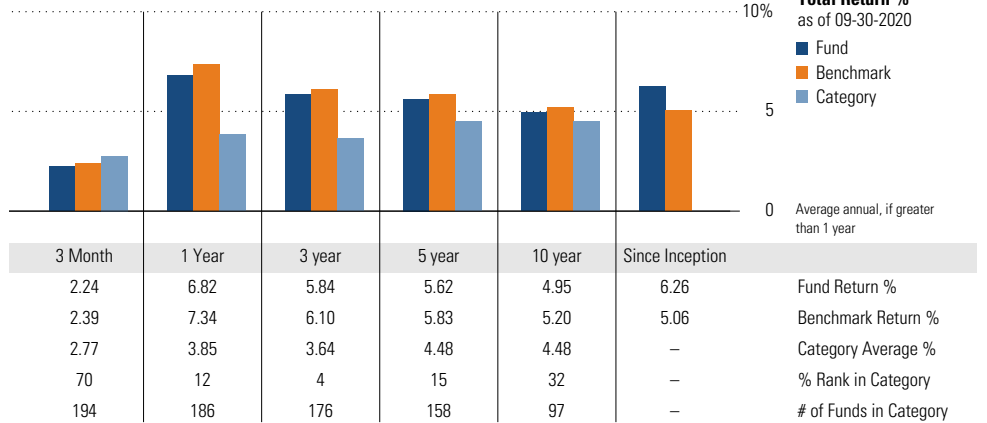
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000

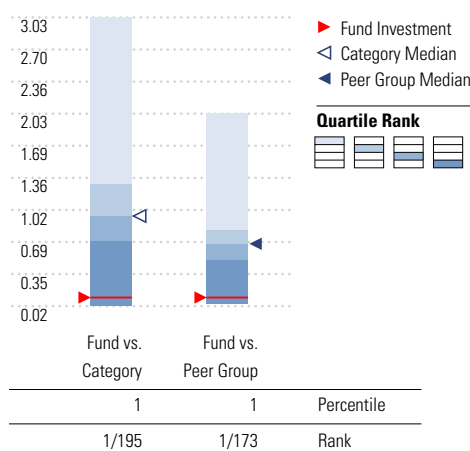


	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
	3.77	6.54	3.40	6.76	0.22	4.58	6.98	-1.05	12.05	5.26	History
	-0.35	-0.02	-1.84	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.06	Total Return %
	1.76	-1.81	-0.62	3.22	2.29	-0.97	0.73	2.09	0.85	3.53	+/- Benchmark
	15	78	68	4	8	65	49	11	35	9	+/- Category
	152	196	219	222	240	219	191	188	189	187	Tot Ret % Rank in Cat
	43	8	25	12	14	4	4	9	6	-	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## 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	-0.05	-	-4.38
Beta	0.97	-	1.37
R-Squared	96.63	-	85.76
Standard Deviation	4.42	4.48	6.66
Sharpe Ratio	0.94	0.98	0.38
Tracking Error	0.82	-	3.16
Information Ratio	-0.31	-	-0.86
Up Capture Ratio	93.18	-	99.35
Down Capture Ratio	88.41	-	166.81

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.67	23.89	23.53
Price/Book Ratio	2.19	2.61	2.56
Avg Eff Duration	7.06	6.39	3.76

# Vanguard LifeStrategy Income Inv VASIX

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

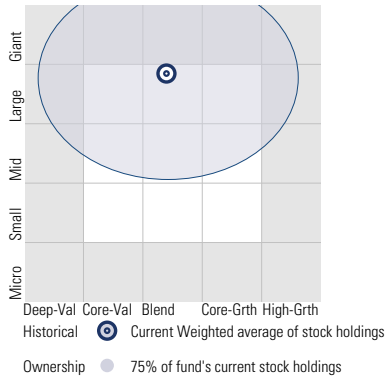
**Morningstar Index**

Morningstar US Con Tgt Alloc NR USD

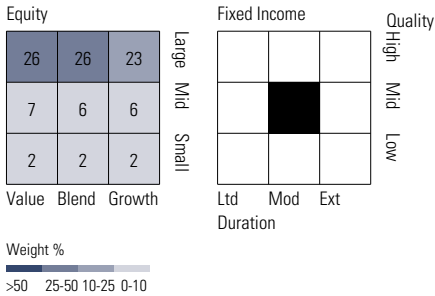
Equity

## Style Analysis as of 09-30-2020

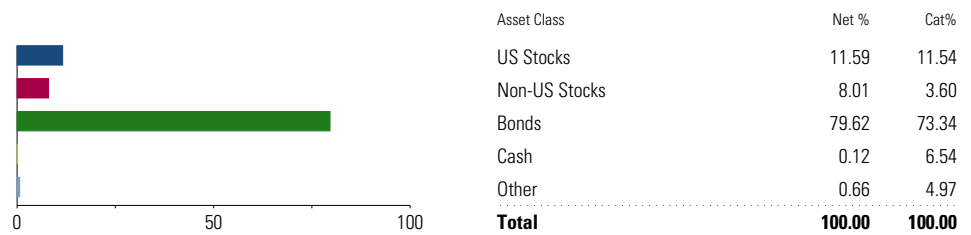
Morningstar Style Box™



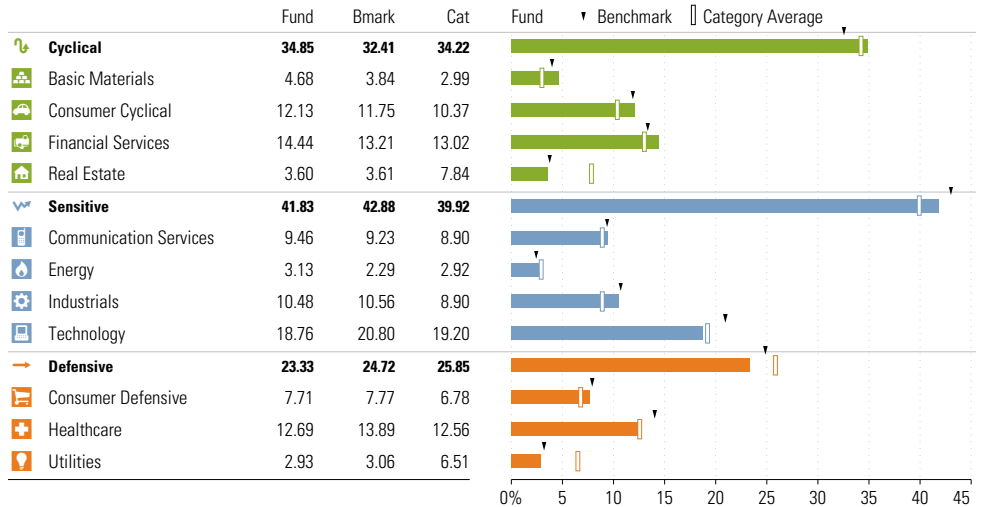
## Style Breakdown



## Asset Allocation as of 09-30-2020



## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	56.18	56.18	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	24.18	80.36	—	—
⊕ Vanguard Total Stock Mkt Idx Inv	—	11.67	92.03	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	7.97	100.00	—	—
⊖ Cashusd	—	0.00	100.00	—	—

## Total Holdings 5

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

✔ **Management:** The fund's management has been in place for 26.02 years.

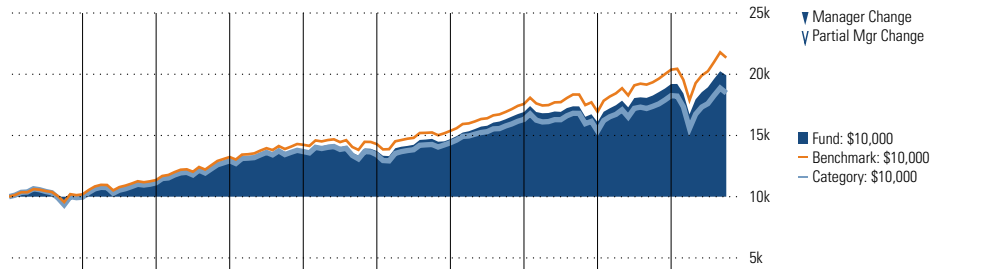
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.96% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

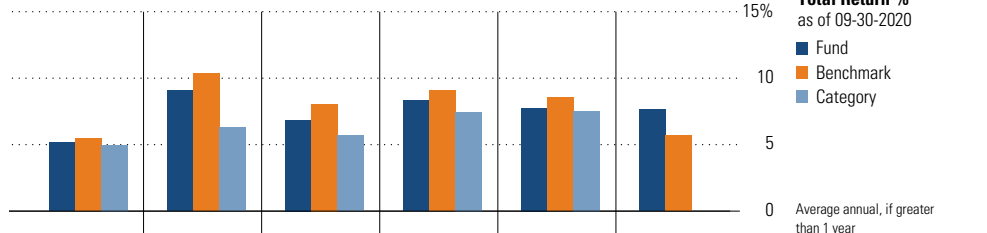
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



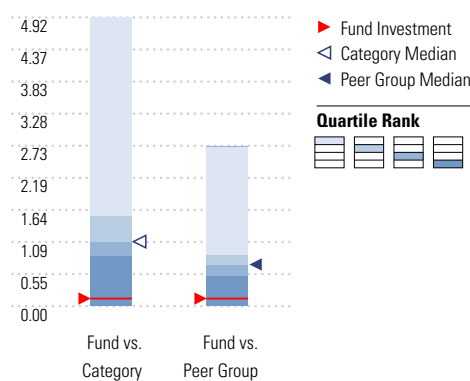
	2011	2012	2013	2014	2015	2016	2017	2018	2019	YTD	Performance Quartile (Within Category)
											History
	0.26	11.76	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	3.72	Total Return %
	-1.66	0.29	-1.49	-0.50	-0.93	-0.47	0.76	-1.25	-0.96	-1.07	+/- Benchmark
	0.37	0.04	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	2.42	+/- Category
	45	56	68	38	32	42	26	39	53	35	Tot Ret % Rank in Cat
	733	731	789	757	798	742	720	729	696	684	# of Funds in Cat
	32	15	15	12	16	9	6	12	9	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 09-30-2020
	5.17	9.07	6.85	8.32	7.76	7.62	Fund Return %
	5.45	10.38	8.06	9.08	8.52	5.71	Benchmark Return %
	4.97	6.28	5.71	7.45	7.53	-	Category Average %
	47	35	36	35	45	-	% Rank in Category
	695	676	638	582	414	-	# of Funds in Category

## Net Expense



	Fund vs. Category	Fund vs. Peer Group	Percentile
	1	3	
	5/709	18/608	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	-1.02	-	-2.49
Beta	0.99	-	1.07
R-Squared	99.00	-	95.68
Standard Deviation	10.57	10.66	11.62
Sharpe Ratio	0.53	0.63	0.42
Tracking Error	1.07	-	2.68
Information Ratio	-1.13	-	-0.77
Up Capture Ratio	92.89	-	95.66
Down Capture Ratio	98.42	-	111.70

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.69	23.90	23.16
Price/Book Ratio	2.20	2.72	2.40
Avg Eff Duration	7.05	6.27	4.48

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

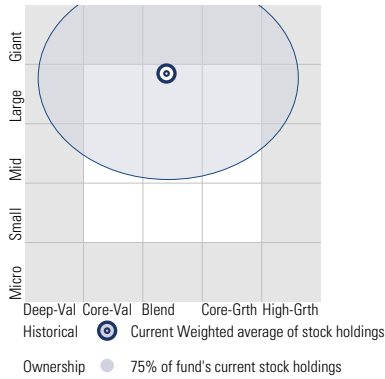
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

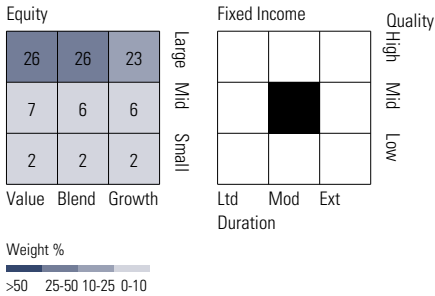
Equity

## Style Analysis as of 09-30-2020

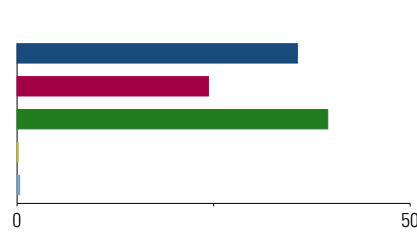
Morningstar Style Box™



## Style Breakdown

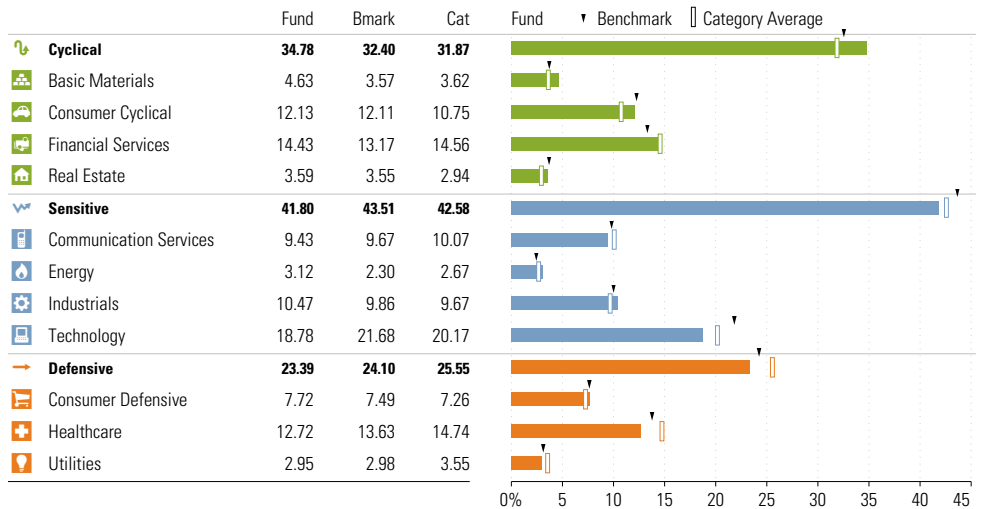


## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	35.66	46.21
Non-US Stocks	24.34	11.60
Bonds	39.52	35.98
Cash	0.14	3.37
Other	0.33	2.85
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Top 5 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	35.90	35.90	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	28.07	63.97	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	24.23	88.20	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	11.80	100.00	—	—
⊕ Cashusd	—	0.00	100.00	—	—

## Total Holdings 5

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

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

## Portfolio Manager(s)

Donald Butler since 02-2013  
Michael Johnson since 04-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.61 years.

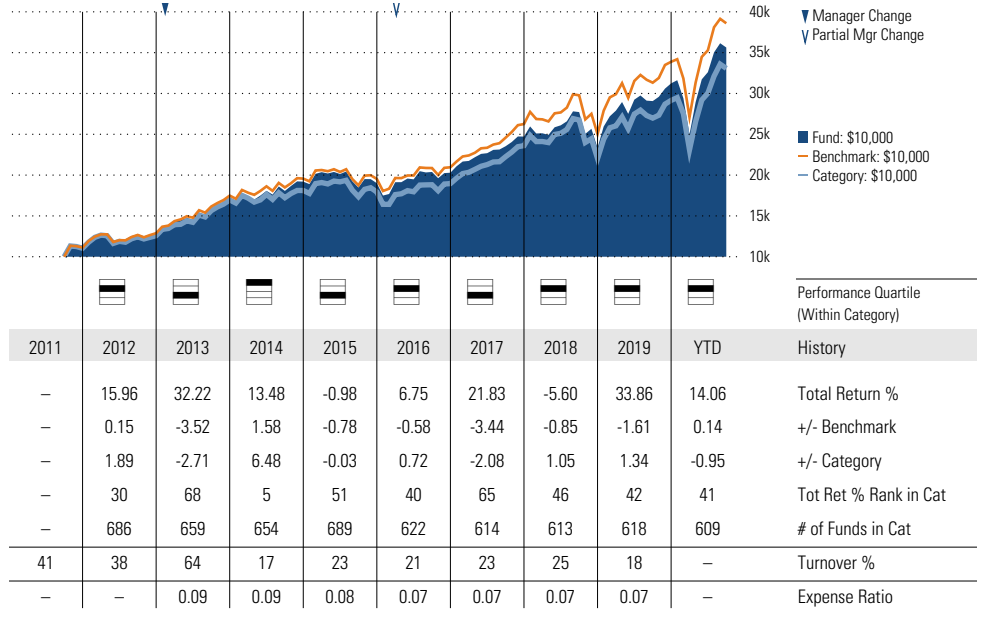
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Growth — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.81% lower than the Mid-Cap Growth category average.

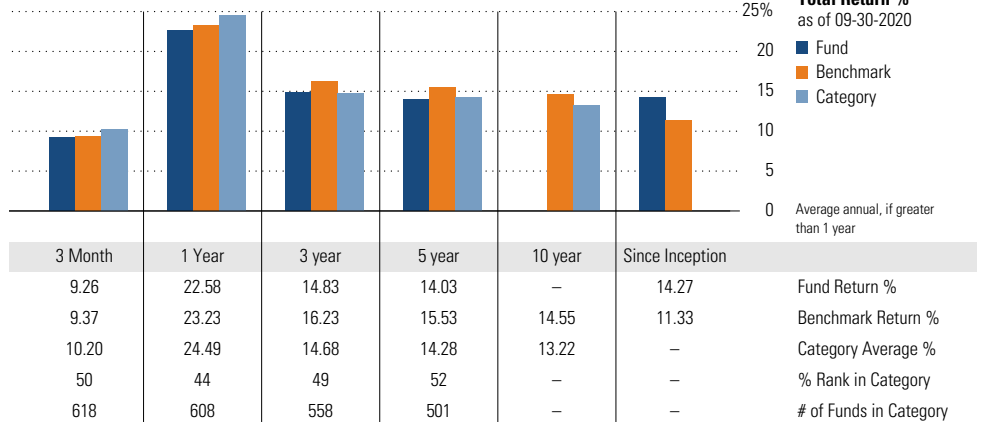
## Morningstar Investment Management LLC Analysis

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

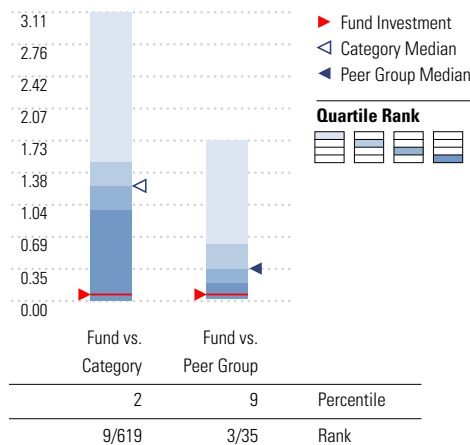
## Growth of \$10,000



## 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	-0.79	-	-0.25
Beta	0.97	-	1.00
R-Squared	99.00	-	93.30
Standard Deviation	20.01	20.56	21.38
Sharpe Ratio	0.71	0.76	0.71
Tracking Error	2.11	-	5.49
Information Ratio	-0.67	-	-0.26
Up Capture Ratio	94.79	-	99.38
Down Capture Ratio	97.25	-	101.19

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	35.64	31.13	35.56
Price/Book Ratio	5.65	7.17	5.36
Geom Avg Mkt Cap \$B	22.74	16.74	16.40
ROE	10.86	16.55	8.84

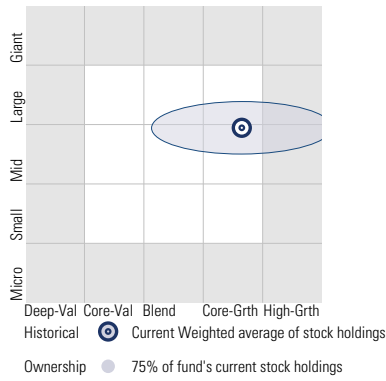
# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

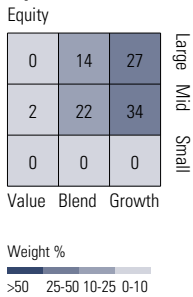
**Morningstar Index**  
Russell Mid Cap Growth TR USD

## Style Analysis as of 09-30-2020

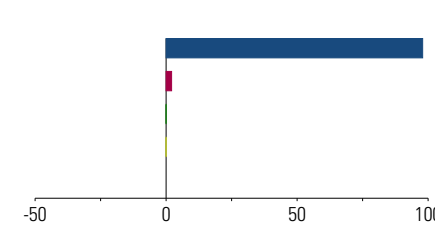
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	97.92	90.18
Non-US Stocks	2.10	6.45
Bonds	0.01	0.03
Cash	-0.03	2.92
Other	0.00	0.42
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>25.18</b>	<b>22.41</b>	<b>27.05</b>			
Basic Materials	2.04	1.36	2.03			
Consumer Cyclical	9.88	13.63	13.50			
Financial Services	4.79	4.93	7.74			
Real Estate	8.47	2.49	3.78			
<b>Sensitive</b>	<b>52.48</b>	<b>49.61</b>	<b>47.35</b>			
Communication Services	8.60	6.14	5.37			
Energy	1.57	0.36	0.48			
Industrials	14.08	13.24	12.82			
Technology	28.23	29.87	28.68			
<b>Defensive</b>	<b>22.35</b>	<b>27.97</b>	<b>25.60</b>			
Consumer Defensive	3.32	5.40	3.17			
Healthcare	19.03	22.38	21.89			
Utilities	0.00	0.19	0.54			

## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Digital Realty Trust Inc	1.54	1.54	25.37	Real Estate
⊕ DexCom Inc	1.54	3.08	88.46	Healthcare
⊕ Lululemon Athletica Inc	1.53	4.61	42.17	Consumer Cyclical
⊕ Veeva Systems Inc Class A	1.48	6.09	99.91	Healthcare
⊕ DocuSign Inc	1.48	7.57	190.43	Technology
⊕ SBA Communications Corp	1.39	8.96	32.73	Real Estate
⊕ Chipotle Mexican Grill Inc Class A	1.36	10.32	48.57	Consumer Cyclical
⊕ Twilio Inc A	1.33	11.65	151.41	Communication Svc
⊕ Centene Corp	1.32	12.97	-7.22	Healthcare
⊕ IDEXX Laboratories Inc	1.31	14.28	50.54	Healthcare
⊕ Twitter Inc	1.31	15.58	38.85	Communication Svc
⊕ CoStar Group Inc	1.30	16.89	41.82	Real Estate
⊕ Synopsys Inc	1.27	18.15	53.72	Technology
⊕ Amphenol Corp Class A	1.26	19.42	0.73	Technology
⊕ IQVIA Holdings Inc	1.18	20.59	2.02	Healthcare

**Total Holdings 160**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Mid-Cap Value Index Admiral VMVAX

**Morningstar Category**  
Mid-Cap Value

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

## Portfolio Manager(s)

Donald Butler since 08-2006  
Michael Johnson since 04-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 14.13 years.

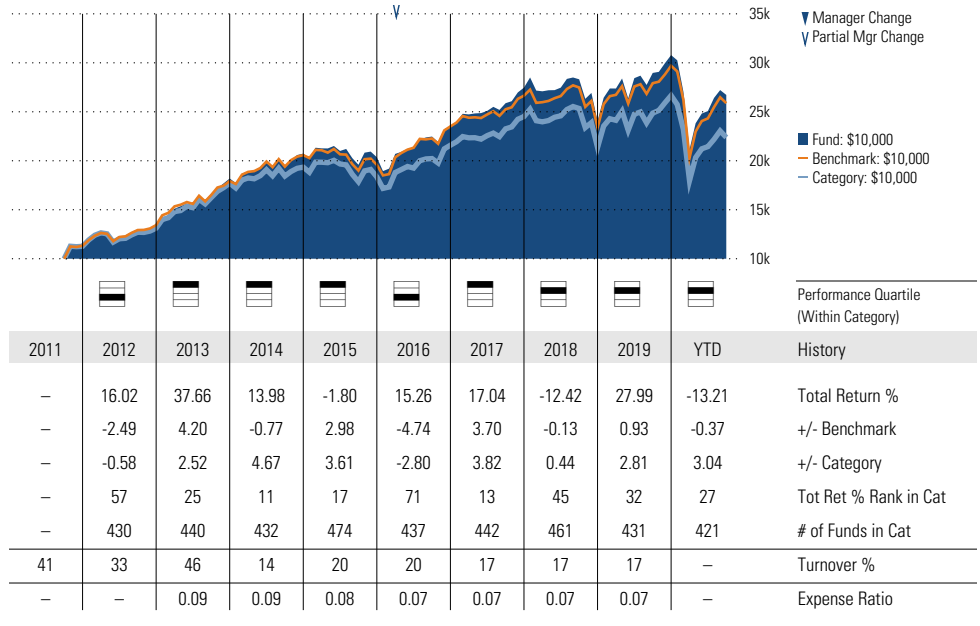
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Value — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.2% lower than the Mid-Cap Value category average.

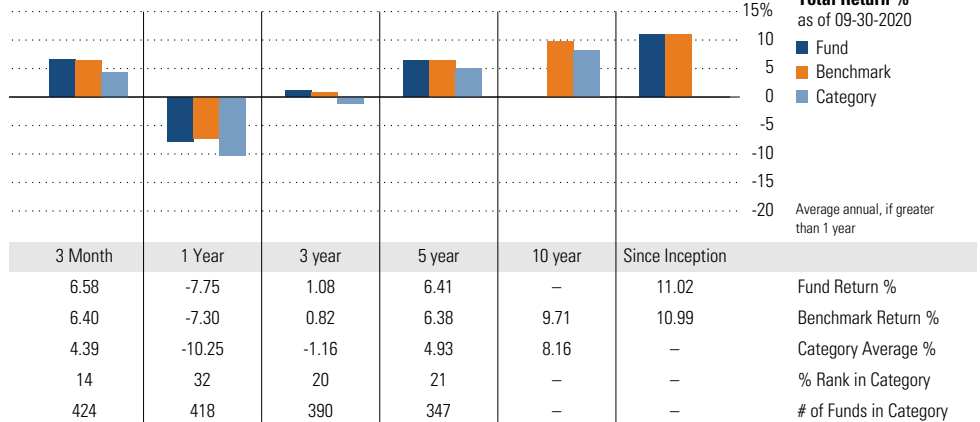
## Morningstar Investment Management LLC Analysis

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

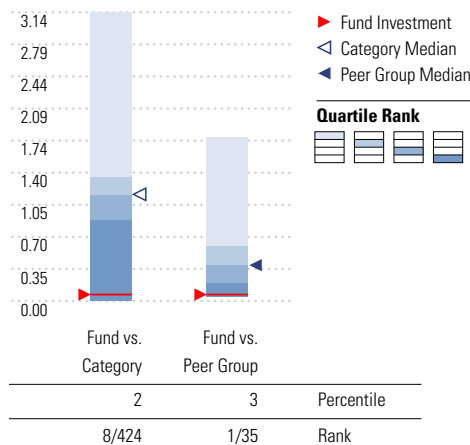
## Growth of \$10,000



## 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	0.25	-	-1.98
Beta	0.99	-	1.02
R-Squared	99.18	-	96.44
Standard Deviation	21.38	21.45	22.27
Sharpe Ratio	0.09	0.07	-0.01
Tracking Error	1.95	-	4.57
Information Ratio	0.13	-	-0.44
Up Capture Ratio	100.01	-	98.57
Down Capture Ratio	99.03	-	106.74

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.76	21.21	17.47
Price/Book Ratio	1.82	2.11	1.67
Geom Avg Mkt Cap \$B	16.10	13.20	10.91
ROE	12.82	11.29	10.43

# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

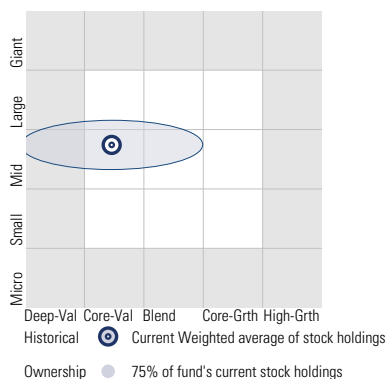
Mid-Cap Value

Morningstar Index

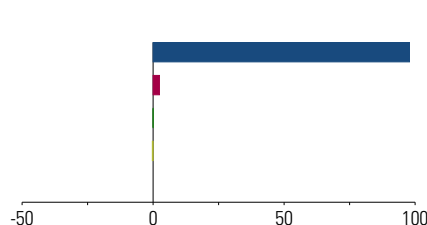
Russell Mid Cap Value TR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™



## Asset Allocation as of 09-30-2020

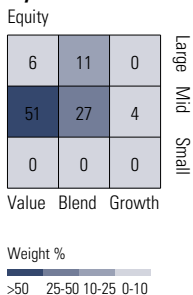


Asset Class	Net %	Cat%
US Stocks	97.86	91.72
Non-US Stocks	2.42	5.80
Bonds	0.02	0.07
Cash	-0.29	1.86
Other	0.00	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>47.26</b>	<b>39.66</b>	<b>42.96</b>			
Basic Materials	5.96	4.67	4.99			
Consumer Cyclical	15.24	13.08	12.08			
Financial Services	16.73	12.41	18.41			
Real Estate	9.33	9.50	7.48			
<b>Sensitive</b>	<b>27.29</b>	<b>37.37</b>	<b>33.88</b>			
Communication Services	4.84	4.78	3.12			
Energy	3.81	2.90	3.42			
Industrials	9.41	17.39	16.98			
Technology	9.23	12.30	10.36			
<b>Defensive</b>	<b>25.44</b>	<b>22.96</b>	<b>23.15</b>			
Consumer Defensive	5.33	5.63	6.38			
Healthcare	6.77	10.08	10.10			
Utilities	13.34	7.25	6.67			

## Style Breakdown



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ WEC Energy Group Inc	1.34	1.34	7.12	Utilities
⊖ Eversource Energy	1.26	2.60	-0.45	Utilities
⊖ Willis Towers Watson PLC	1.18	3.78	4.42	Financial Services
⊖ Motorola Solutions Inc	1.17	4.95	-1.50	Technology
⊖ Clorox Co	1.16	6.11	38.99	Consumer Defensive
⊖ Carrier Global Corp Ordinary Shares	1.16	7.27	-	Industrials
⊖ American Water Works Co Inc	1.15	8.42	19.23	Utilities
⊖ D.R. Horton Inc	1.15	9.57	44.37	Consumer Cyclical
⊖ Best Buy Co Inc	1.14	10.70	28.63	Consumer Cyclical
⊖ Aptiv PLC	1.09	11.79	-3.23	Consumer Cyclical
⊕ Corning Inc	1.08	12.87	13.60	Technology
⊖ Freeport-McMoRan Inc	1.00	13.87	19.59	Basic Materials
⊖ Lennar Corp	0.98	14.85	47.08	Consumer Cyclical
⊖ DTE Energy Co	0.97	15.82	-9.08	Utilities
⊕ Corteva Inc	0.95	16.77	-1.22	Basic Materials

**Total Holdings 210**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

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

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996

Walter Nejman since 05-2016

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 24.4 years.

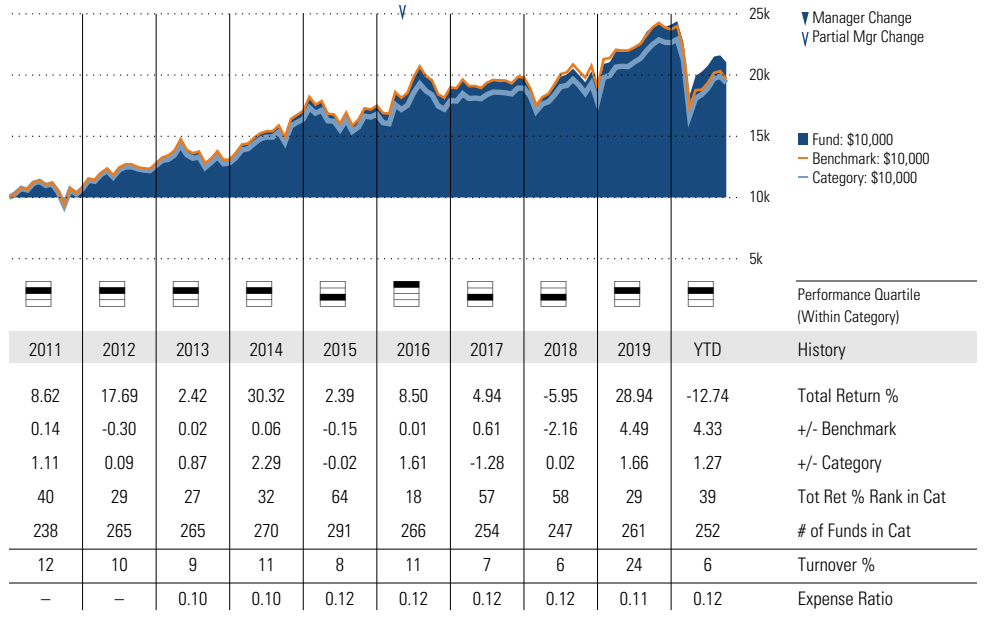
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 89.09% lower than the Real Estate category average.

## Morningstar Investment Management LLC Analysis

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

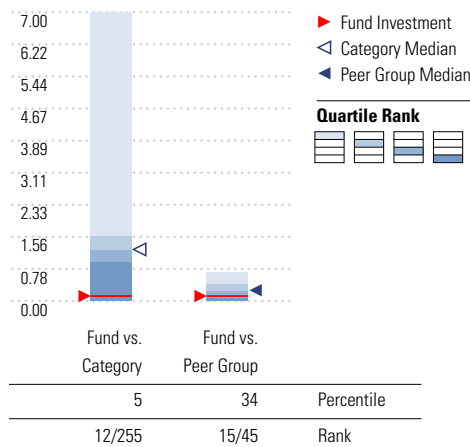
## Growth of \$10,000



## 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	2.03	-	1.73
Beta	0.94	-	0.92
R-Squared	98.71	-	94.44
Standard Deviation	18.01	19.03	18.15
Sharpe Ratio	0.13	0.03	0.13
Tracking Error	2.35	-	4.55
Information Ratio	0.92	-	0.40
Up Capture Ratio	100.14	-	96.34
Down Capture Ratio	90.62	-	88.90

## Portfolio Metrics

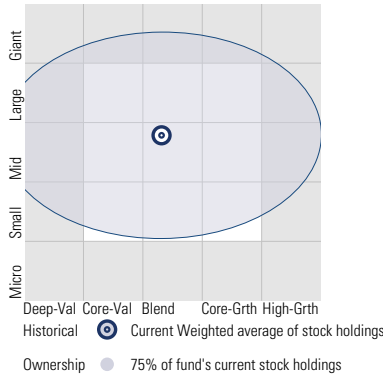
	Fund	Bmark	Cat
Price/Earnings Ratio	30.57	38.46	30.38
Price/Book Ratio	2.28	2.42	2.41
Geom Avg Mkt Cap \$B	17.62	9.35	19.62
ROE	11.89	9.56	12.16

# Vanguard Real Estate Index Admiral VGSLX

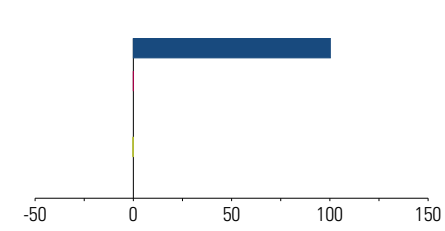
**Morningstar Category**  
Real Estate

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

**Style Analysis** as of 09-30-2020  
Morningstar Style Box™

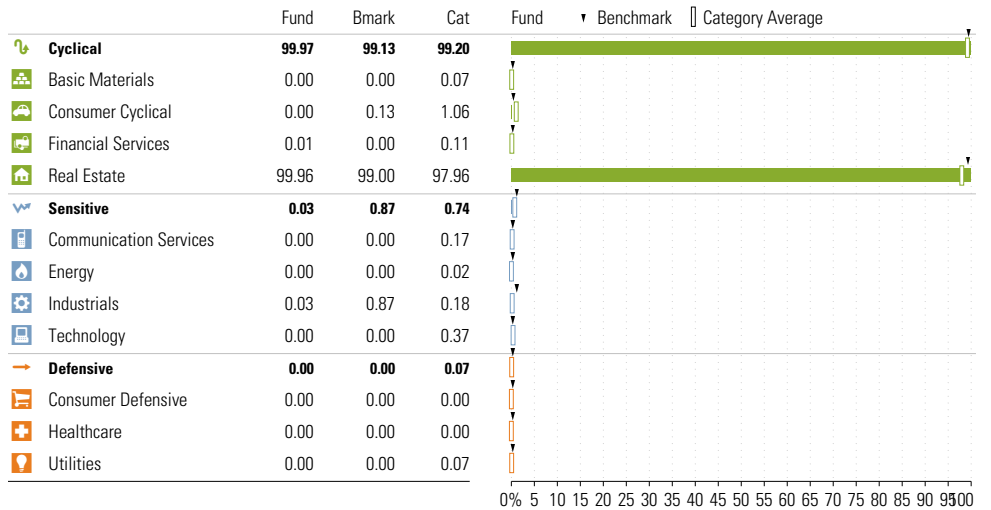


**Asset Allocation** as of 09-30-2020



Asset Class	Net %	Cat%
US Stocks	100.23	90.22
Non-US Stocks	0.03	1.07
Bonds	0.00	3.23
Cash	-0.27	1.50
Other	0.00	3.98
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 09-30-2020



**Style Breakdown**



**Top 15 Holdings** as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	12.36	12.36	-	-
⊖ American Tower Corp	8.52	20.88	6.63	Real Estate
⊖ Prologis Inc	5.91	26.79	14.83	Real Estate
⊖ Crown Castle International Corp	5.52	32.31	19.66	Real Estate
⊖ Equinix Inc	5.35	37.66	31.59	Real Estate
⊖ Digital Realty Trust Inc	2.96	40.62	25.37	Real Estate
⊖ SBA Communications Corp	2.83	43.45	32.73	Real Estate
⊖ Public Storage	2.70	46.15	7.40	Real Estate
⊖ Welltower Inc	1.83	47.98	-30.08	Real Estate
⊖ Weyerhaeuser Co	1.69	49.68	-4.44	Real Estate
⊖ AvalonBay Communities Inc	1.67	51.35	-26.51	Real Estate
⊖ Realty Income Corp	1.66	53.01	-14.64	Real Estate
⊖ Alexandria Real Estate Equities Inc	1.61	54.61	0.97	Real Estate
⊖ Simon Property Group Inc	1.57	56.18	-54.30	Real Estate
⊖ Equity Residential	1.52	57.70	-34.33	Real Estate

**Total Holdings 183**

⊕ 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 9 of the 9 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.43 years.

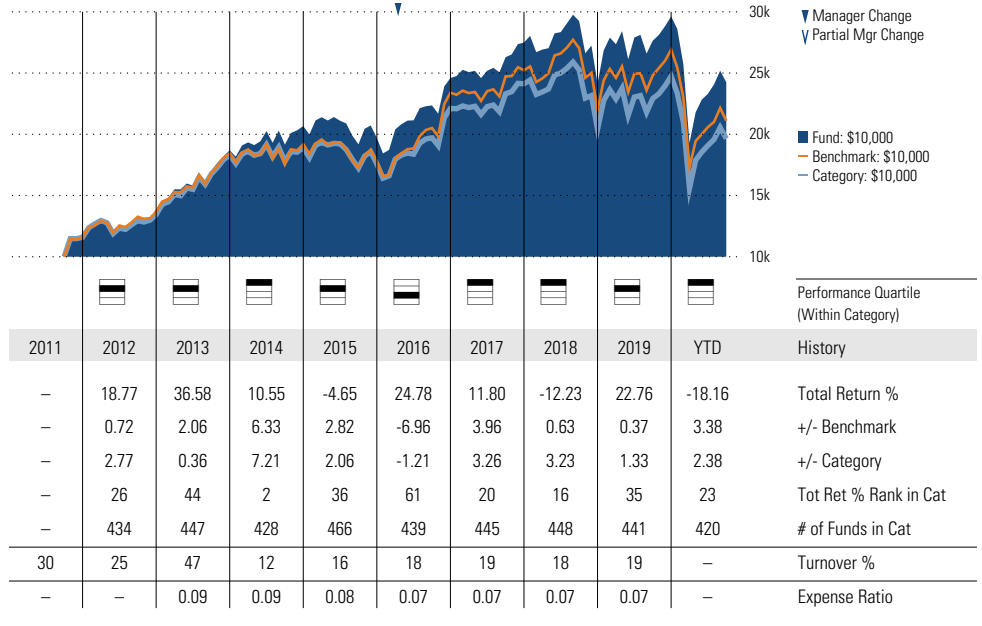
✘ **Style:** The fund has landed in its primary style box — Small Value — 48.57 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.07 is 94.07% lower than the Small Value category average.

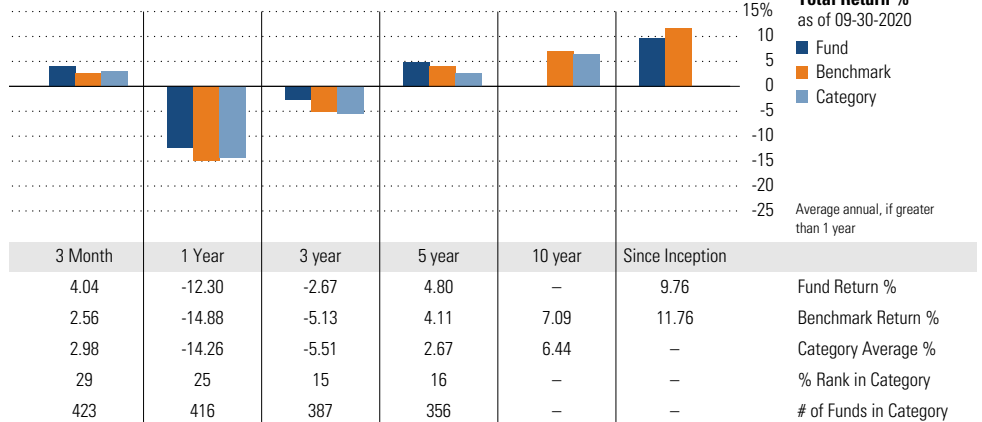
## Morningstar Investment Management LLC Analysis

This fund fails our style screen but its portfolio positioning remains consistent with the benchmark index it tracks.

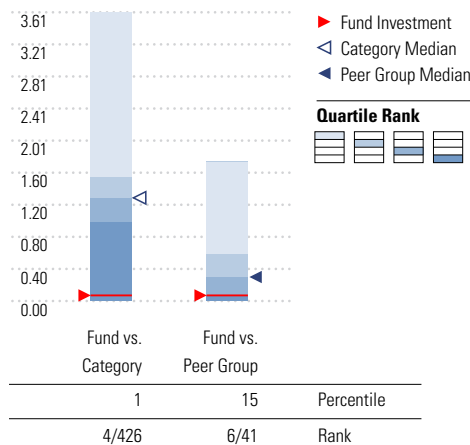
## Growth of \$10,000



## 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	2.50	-	0.00
Beta	0.99	-	1.03
R-Squared	98.55	-	96.45
Standard Deviation	23.45	23.56	24.82
Sharpe Ratio	-0.06	-0.17	-0.16
Tracking Error	2.84	-	5.05
Information Ratio	0.87	-	-0.10
Up Capture Ratio	101.46	-	102.08
Down Capture Ratio	93.53	-	102.92

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.57	14.06	15.68
Price/Book Ratio	1.42	1.28	1.19
Geom Avg Mkt Cap \$B	3.77	1.54	2.64
ROE	5.17	-0.97	5.90

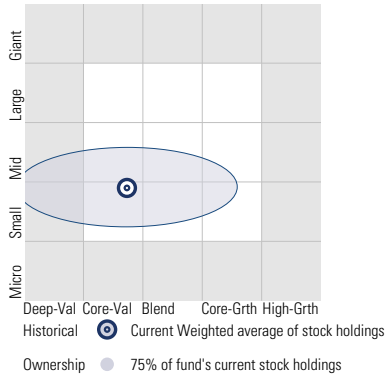
# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

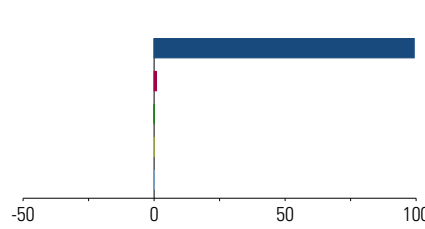
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 09-30-2020

Morningstar Style Box™

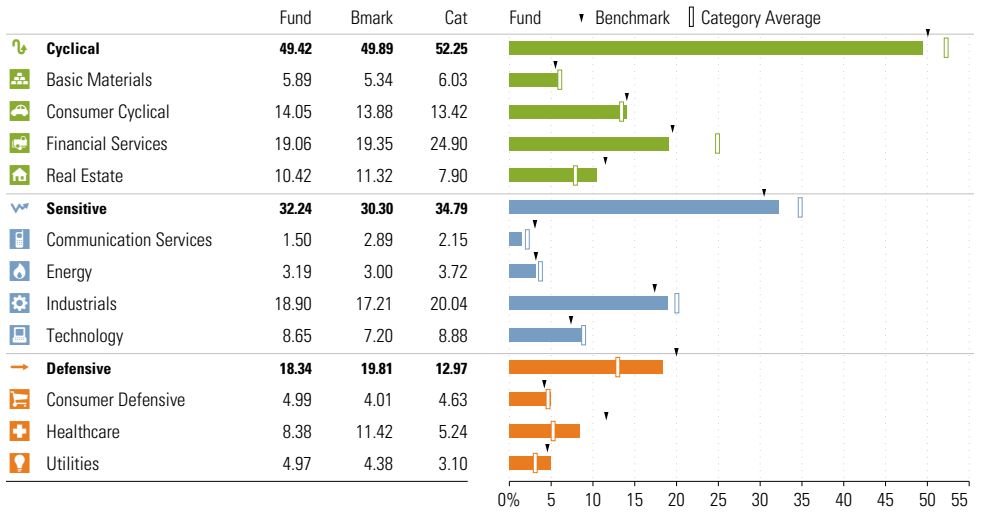


## Asset Allocation as of 09-30-2020

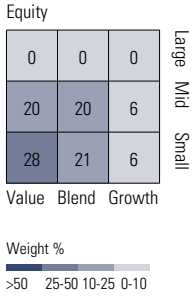


Asset Class	Net %	Cat%
US Stocks	99.28	96.60
Non-US Stocks	0.91	2.00
Bonds	0.01	0.06
Cash	-0.22	1.26
Other	0.02	0.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 09-30-2020



## Style Breakdown



## Top 15 Holdings as of 09-30-2020

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ PerkinElmer Inc	0.70	0.70	29.47	Healthcare
⊖ IDEX Corp	0.69	1.39	6.92	Industrials
⊖ Generac Holdings Inc	0.61	1.99	92.50	Industrials
⊖ Atmos Energy Corp	0.59	2.58	-13.00	Utilities
⊖ Booz Allen Hamilton Holding Corp Class A	0.57	3.15	17.97	Industrials
⊖ Brown & Brown Inc	0.54	3.69	15.31	Financial Services
⊖ Molina Healthcare Inc	0.54	4.23	34.90	Healthcare
⊖ RPM International Inc	0.54	4.77	9.33	Basic Materials
⊕ VICI Properties Inc Ordinary Shares	0.54	5.31	-4.91	Real Estate
⊖ Essential Utilities Inc	0.49	5.80	-12.72	Utilities
⊖ Peloton Interactive Inc	0.48	6.28	-	Consumer Cyclical
⊖ Nuance Communications Inc	0.47	6.75	86.15	Technology
⊖ Medical Properties Trust Inc	0.47	7.21	-12.65	Real Estate
⊕ Apollo Global Management Inc Class A	0.46	7.67	-2.43	Financial Services
⊖ Allegion PLC	0.45	8.13	-19.81	Industrials

**Total Holdings 899**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Western Asset Core Plus Bond IS WAPSX

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

## Portfolio Manager(s)

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

## Quantitative Screens

**Performance:** The fund has finished in the Intermediate Core-Plus 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 13.76 years.

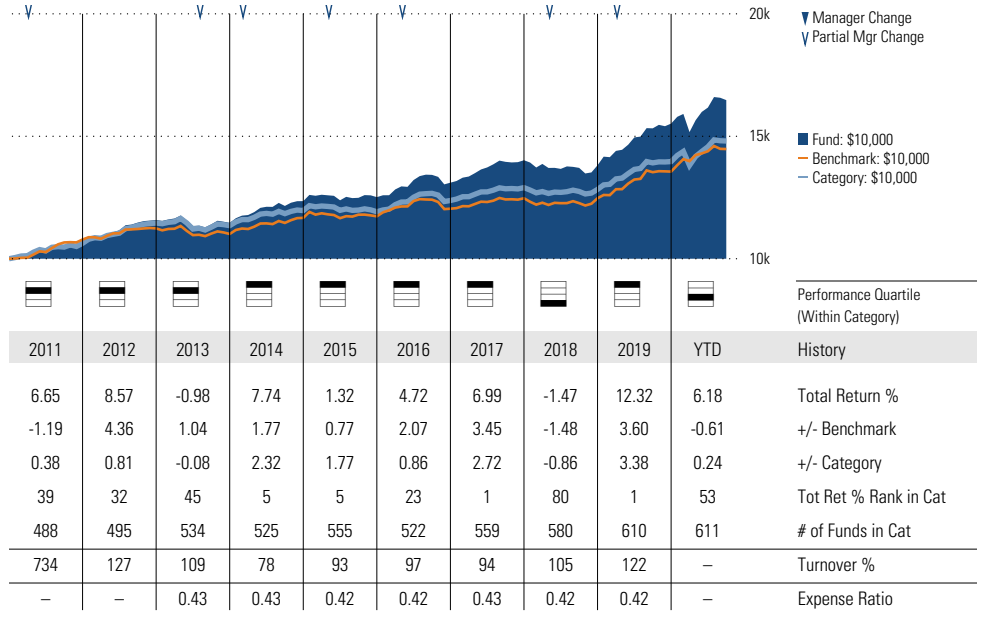
Style Consistency is not calculated for Fixed Income funds.

**Net Expense:** The fund's expense ratio of 0.42 is 46.15% lower than the Intermediate Core-Plus Bond category average.

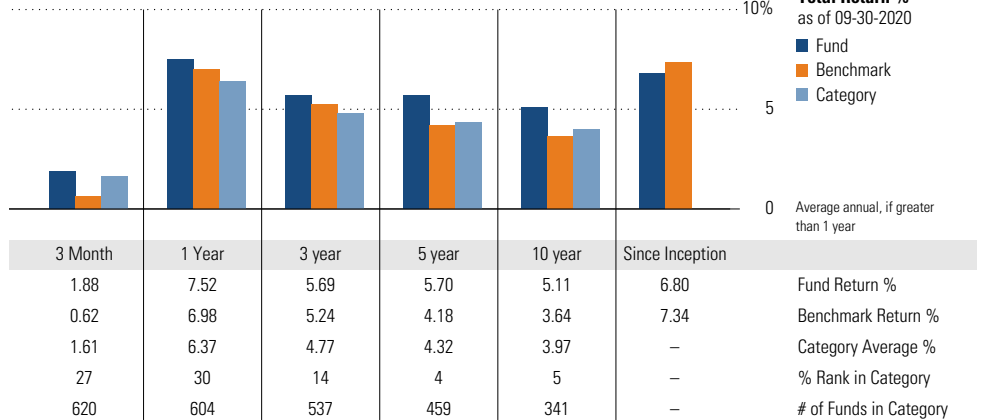
## Morningstar Investment Management LLC Analysis

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.

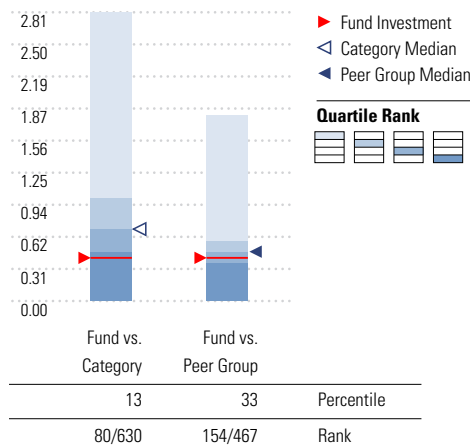
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	-0.41	-	-0.30
Beta	1.18	-	1.00
R-Squared	58.97	-	61.18
Standard Deviation	5.16	3.37	4.49
Sharpe Ratio	0.79	1.07	0.76
Tracking Error	3.35	-	2.88
Information Ratio	0.13	-	-0.12
Up Capture Ratio	125.01	-	103.58
Down Capture Ratio	162.31	-	128.01

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.15	4.43	5.60
Avg Eff Maturity	12.37	-	8.09

# Western Asset Core Plus Bond IS WAPSX

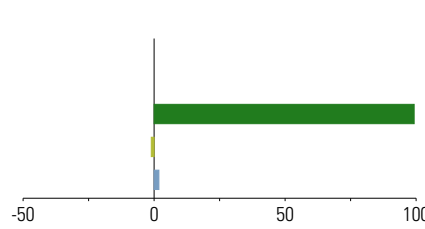
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** BBgBarc US Agg Bond TR USD

## Style Analysis as of 09-30-2020

### Style Breakdown



## Asset Allocation as of 09-30-2020

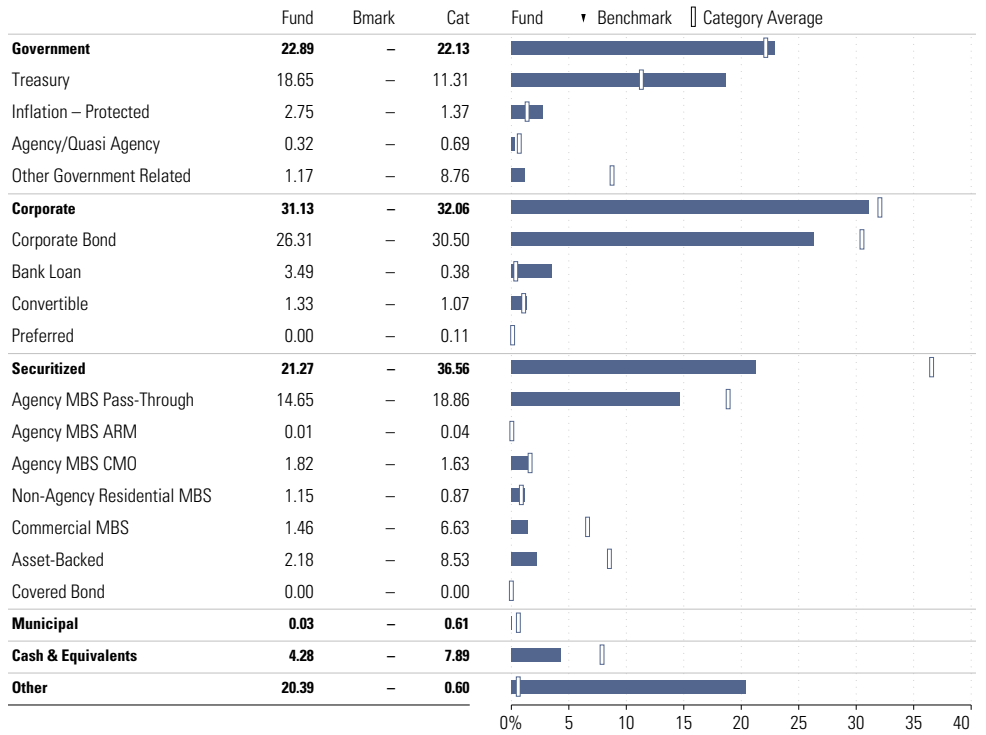


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	99.25	101.67
Cash	-1.08	0.17
Other	1.83	-1.84
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	46.89	3.53	42.90
AA	5.53	74.59	6.29
A	17.43	10.82	13.48
BBB	19.76	8.32	23.93
BB	6.44	0.28	6.30
B	2.59	0.00	2.85
Below B	1.48	0.00	1.31
Not Rated	-0.12	2.46	2.94

## Sector Weighting as of 09-30-2020



## Top 10 Holdings as of 09-30-2020

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Usd/Eur Ffx Due 101620	10-2020	5.76	5.76	-
⊕ Usd/Eur Ffx Due 101620-Cross	10-2020	5.54	11.30	-
⊕ Trade Date Cash	-	5.20	16.51	-
⊕ Western Asset Prem Instl Govtt Rsrv Pref	-	3.05	19.55	-
⊕ United States Treasury Notes 0.25%	05-2025	2.79	22.35	-
⊕ Usd/Eur Ffx Due 101620-Cross	10-2020	1.98	24.33	-
⊕ Usd/Eur Ffx Due 101620	10-2020	1.98	26.31	-
⊕ Federal National Mortgage Association 2%	-	1.93	28.24	-
United States Treasury Bonds 2.88%	-	1.92	30.16	-
⊕ United States Treasury Bonds 1.25%	-	1.75	31.91	-

## Total Holdings 2777

⊕ Increase ⊖ Decrease ✱ New to Portfolio