

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 13.5 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.54 is 41.94% lower than the Foreign Large Blend category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.46	-	0.12
Beta	1.11	-	1.00
R-Squared	97.14	-	93.68
Standard Deviation	18.94	16.88	17.51
Sharpe Ratio	0.45	0.47	0.47
Tracking Error	3.67	-	4.46
Information Ratio	0.02	-	0.03
Up Capture Ratio	107.39	-	100.75
Down Capture Ratio	109.36	-	100.82

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	14.56	13.81	14.09
Price/Book Ratio	1.99	1.78	1.79
Geom Avg Mkt Cap \$B	52.87	45.25	51.25
ROE	20.84	18.45	19.89

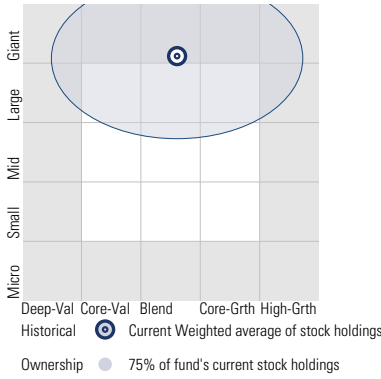
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

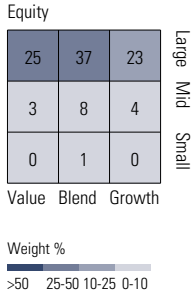
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2022

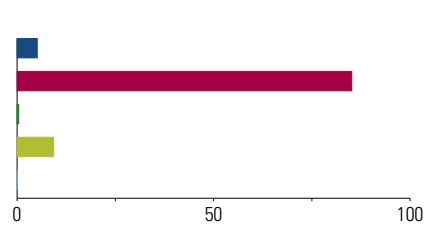
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	5.13	3.24
Non-US Stocks	85.15	94.72
Bonds	0.40	0.04
Cash	9.31	1.42
Other	0.01	0.61
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	29.77	35.41	Americas	15.77	8.71	Greater Europe	54.47	55.90	Developed Markets	84.35
Japan	5.98	18.15	North America	11.03	7.56	United Kingdom	15.36	13.12	Emerging Markets	15.65
Australasia	0.69	5.00	Central/Latin	4.74	1.15	W euro-ex UK	38.33	41.43	Not Available	0.00
Asia-4 Tigers	12.89	7.10				Emrgng Europe	0.33	0.28		
Asia-ex 4 Tigers	10.21	5.16				Africa	0.45	1.07		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	9.16	9.16	-	-
⊖ Taiwan Semiconductor Manufacturing Co Ltd	3.53	12.70	-2.48	Technology
⊕ British American Tobacco PLC	2.85	15.55	18.86	Consumer Defensive
AstraZeneca PLC	2.70	18.25	18.43	Healthcare
ASML Holding NV	2.20	20.45	-13.68	Technology
⊕ Airbus SE	1.78	22.23	-1.78	Industrials
⊖ Tokyo Electron Ltd	1.66	23.89	-3.74	Technology
⊖ Philip Morris International Inc	1.47	25.36	0.20	Consumer Defensive
⊕ AXA SA	1.47	26.83	1.45	Financial Services
⊖ Vale SA	1.46	28.29	27.40	Basic Materials

**Total Holdings 251**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 21.34 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.41 is 63.06% lower than the World Large-Stock Growth category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022
ESG Commitment	2-Basic	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.65	-	0.82
Beta	1.07	-	1.01
R-Squared	95.13	-	86.16
Standard Deviation	18.94	17.22	18.85
Sharpe Ratio	0.92	0.80	0.78
Tracking Error	4.37	-	6.95
Information Ratio	0.89	-	0.08
Up Capture Ratio	113.37	-	102.58
Down Capture Ratio	103.47	-	101.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.21	17.88	25.64
Price/Book Ratio	4.09	2.75	4.70
Geom Avg Mkt Cap \$B	141.24	111.50	136.40
ROE	25.30	26.90	25.93

# American Funds New Perspective R6 RNPGX

**Morningstar Category**  
World Large-Stock Growth

**Morningstar Index**  
MSCI ACWI NR USD

## Style Analysis as of 03-31-2022

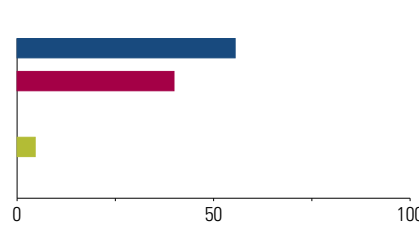
Morningstar Style Box™



## Style Breakdown

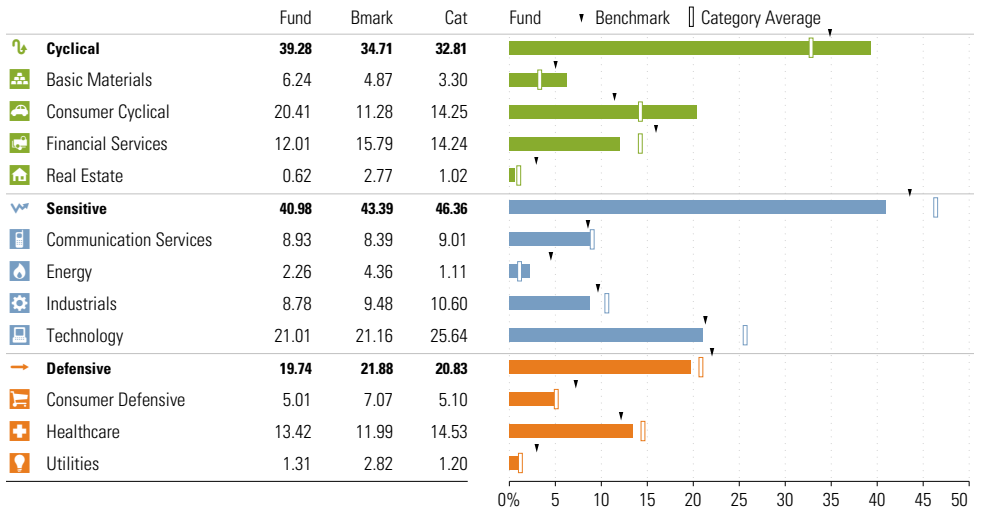


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	55.48	57.51
Non-US Stocks	39.92	39.49
Bonds	0.00	0.00
Cash	4.60	2.40
Other	0.00	0.59
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	12.20	13.62	Americas	62.80	62.18	Greater Europe	25.03	24.19	Developed Markets	95.67
Japan	3.17	3.85	North America	60.48	60.97	United Kingdom	4.25	4.94	Emerging Markets	4.33
Australasia	0.44	0.36	Central/Latin	2.32	1.21	W euro-ex UK	20.36	18.89	Not Available	0.00
Asia-4 Tigers	6.86	4.75				Emrgng Europe	0.00	0.14		
Asia-ex 4 Tigers	1.73	4.66				Africa	0.42	0.22		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Tesla Inc	8.46	8.46	1.97	Consumer Cyclical
⊕ Capital Group Central Cash Fund	4.87	13.33	-	-
⊕ Microsoft Corp	4.10	17.43	-8.14	Technology
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.87	20.30	-2.48	Technology
⊖ Meta Platforms Inc Class A	2.14	22.44	-33.89	Communication Svc
⊖ Amazon.com Inc	2.09	24.53	-2.23	Consumer Cyclical
⊖ Alphabet Inc Class C	1.48	26.01	-3.48	Communication Svc
⊖ Alphabet Inc Class A	1.45	27.46	-3.99	Communication Svc
⊖ ASML Holding NV	1.40	28.85	-13.68	Technology
⊖ Broadcom Inc	1.21	30.06	-4.75	Technology

**Total Holdings 305**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Robert Lovelace since 06-1999  
 Carl Kawaja 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  
 Akira Shiraishi since 01-2021  
 Piyada Phanaphat since 01-2021  
 Dawid Justus since 01-2022

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 22.8 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.57 is 51.69% lower than the Diversified Emerging Mkts category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

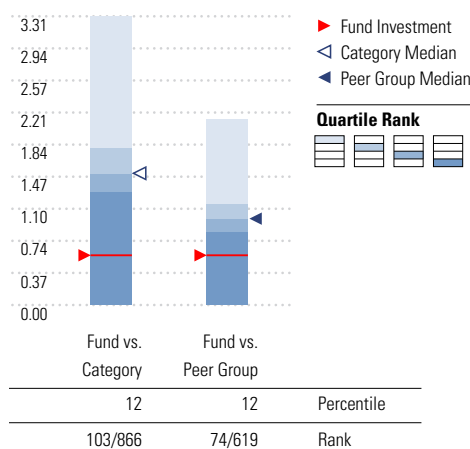
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	5.22	-	0.37
Beta	0.91	-	1.00
R-Squared	84.84	-	88.96
Standard Deviation	17.98	18.28	19.51
Sharpe Ratio	0.58	0.32	0.32
Tracking Error	7.21	-	6.33
Information Ratio	0.69	-	-0.01
Up Capture Ratio	105.33	-	101.11
Down Capture Ratio	85.69	-	100.73

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.69	12.40	11.75
Price/Book Ratio	3.01	1.77	2.10
Geom Avg Mkt Cap \$B	62.39	40.80	48.50
ROE	22.28	18.08	19.38

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 03-31-2022

Morningstar Style Box™



## Style Breakdown

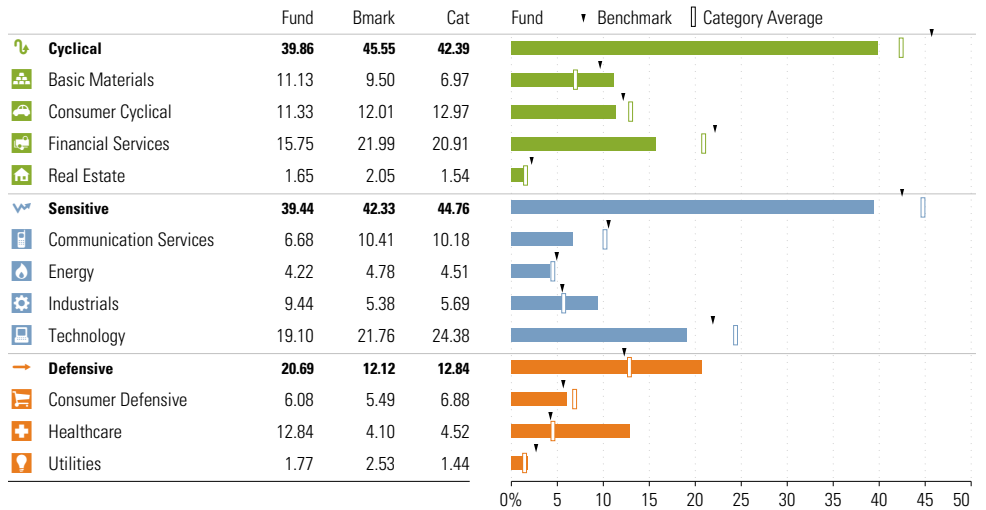


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	23.87	2.90
Non-US Stocks	65.09	94.97
Bonds	2.81	0.01
Cash	7.86	2.35
Other	0.37	-0.24
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.56	75.23	Americas	40.60	12.82	Greater Europe	21.85	11.97	Developed Markets	60.74
Japan	2.48	0.13	North America	29.73	2.77	United Kingdom	3.00	0.75	Emerging Markets	39.26
Australasia	0.99	0.06	Central/Latin	10.87	10.05	W euro-ex UK	16.71	2.03	Not Available	0.00
Asia-4 Tigers	7.30	28.36				Emrgng Europe	0.19	3.85		
Asia-ex 4 Tigers	26.79	46.68				Africa	1.95	5.34		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	7.56	7.56	—	—
⊕ Microsoft Corp	3.27	10.84	-8.14	Technology
⊕ Reliance Industries Ltd	2.46	13.29	11.26	Energy
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.24	15.53	-2.48	Technology
⊕ First Quantum Minerals Ltd	1.88	17.41	42.98	Basic Materials
⊖ Kotak Mahindra Bank Ltd	1.82	19.24	-2.35	Financial Services
⊕ Kweichow Moutai Co Ltd Class A	1.42	20.66	-16.15	Consumer Defensive
⊖ Alphabet Inc Class C	1.34	21.99	-3.48	Communication Svc
⊕ Vale SA ADR	1.19	23.18	47.75	Basic Materials
⊖ Thermo Fisher Scientific Inc	1.17	24.36	-11.43	Healthcare

**Total Holdings 568**

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

✔ **Management:** The fund's management has been in place for 17.67 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.46 is 50% lower than the Large Value category average.

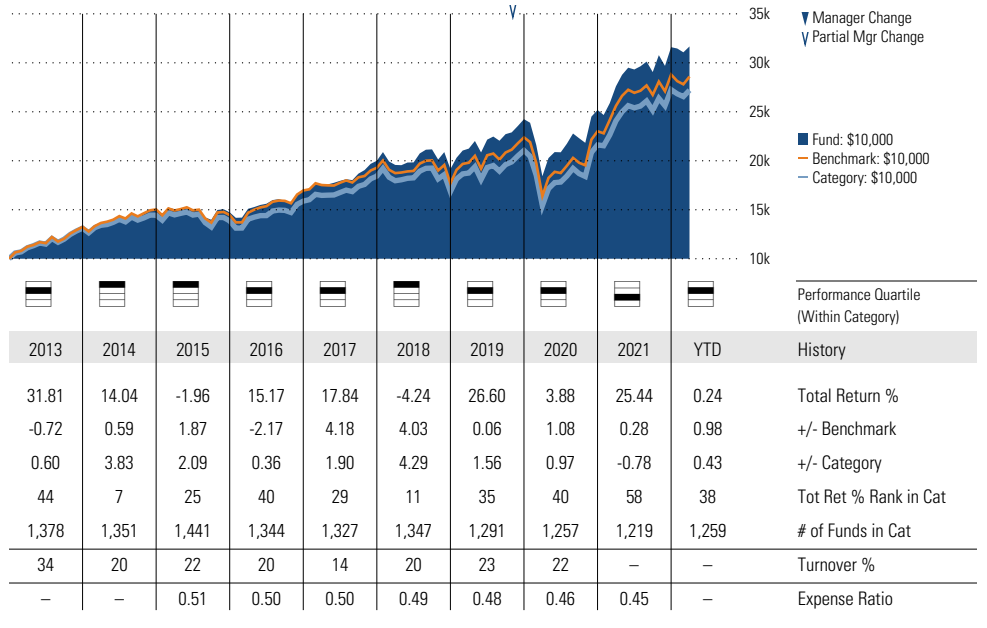
## Morningstar Investment Management LLC Analysis

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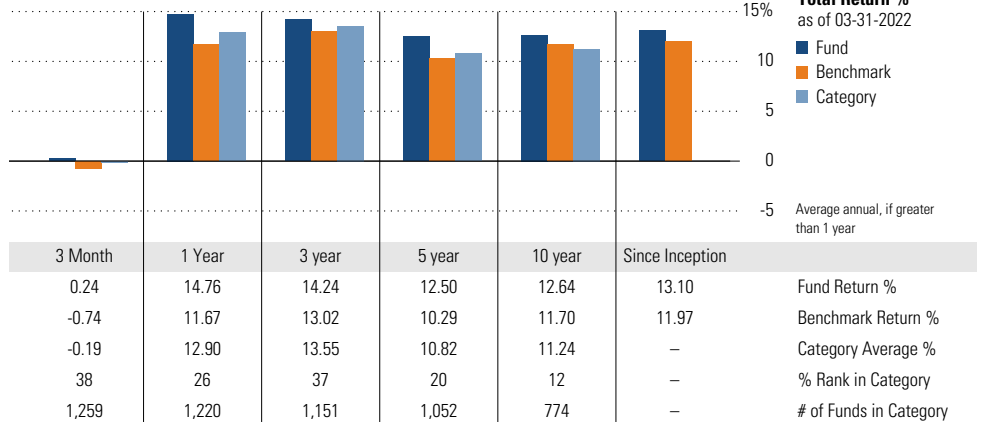
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

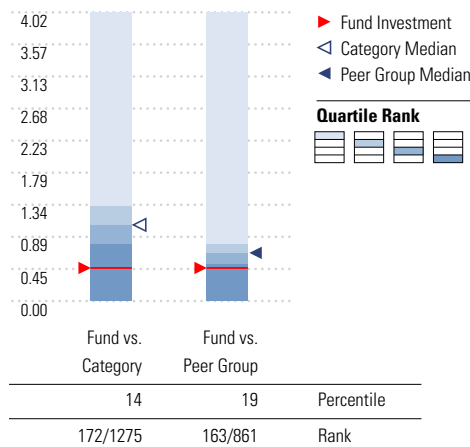
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	2.08	-	0.68
Beta	0.91	-	0.98
R-Squared	98.29	-	95.07
Standard Deviation	17.51	19.12	19.30
Sharpe Ratio	0.81	0.70	0.72
Tracking Error	2.89	-	4.52
Information Ratio	0.42	-	0.09
Up Capture Ratio	95.79	-	98.97
Down Capture Ratio	87.92	-	96.41

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.67	16.61	15.72
Price/Book Ratio	2.90	2.47	2.64
Geom Avg Mkt Cap \$B	112.83	78.38	111.81
ROE	25.35	19.23	23.24

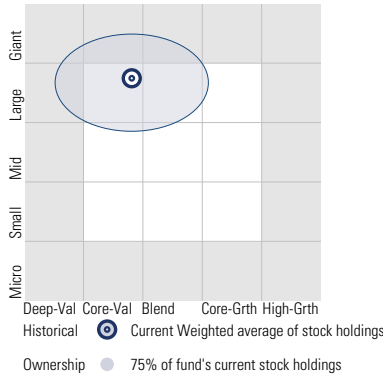
# JPMorgan Equity Income R6 OIEJX

**Morningstar Category**  
Large Value

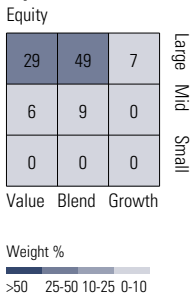
**Morningstar Index**  
Russell 1000 Value TR USD

## Style Analysis as of 03-31-2022

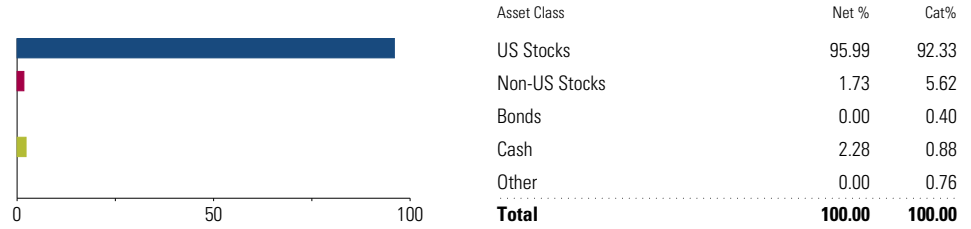
Morningstar Style Box™



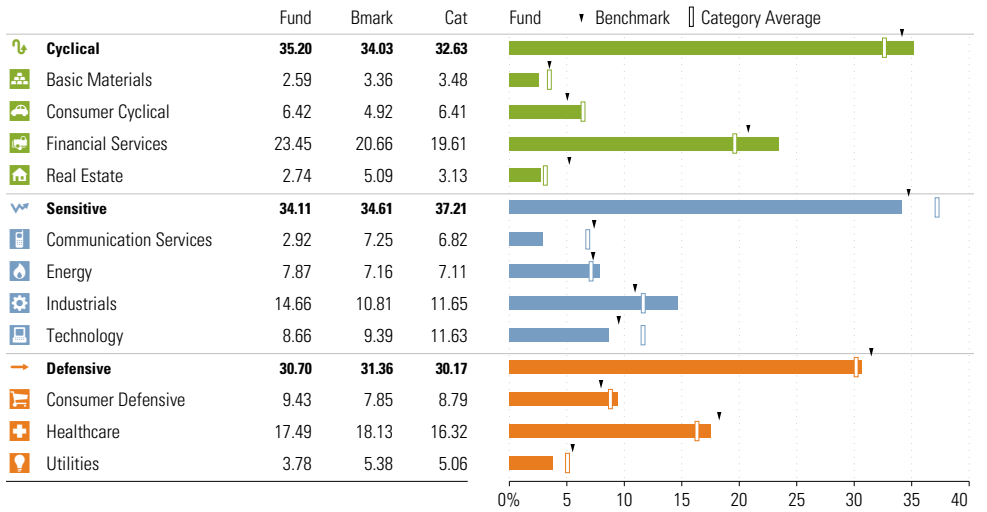
## Style Breakdown



## Asset Allocation as of 03-31-2022



## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ConocoPhillips	2.95	2.95	39.60	Energy
UnitedHealth Group Inc	2.88	5.82	1.85	Healthcare
Raytheon Technologies Corp	2.49	8.31	15.71	Industrials
Bank of America Corp	2.40	10.71	-6.88	Financial Services
<input checked="" type="radio"/> JPMorgan Prime Money Market IM	2.28	12.99	-	-
Bristol-Myers Squibb Co	2.27	15.26	18.86	Healthcare
PNC Financial Services Group Inc	2.12	17.38	-7.39	Financial Services
Comcast Corp Class A	2.00	19.38	-6.48	Communication Svc
CME Group Inc Class A	1.98	21.35	4.55	Financial Services
<input checked="" type="radio"/> Analog Devices Inc	1.95	23.30	-5.59	Technology
Philip Morris International Inc	1.93	25.23	0.20	Consumer Defensive
General Dynamics Corp	1.89	27.11	16.26	Industrials
American Express Co	1.87	28.99	14.57	Financial Services
BlackRock Inc	1.87	30.86	-16.00	Financial Services
EOG Resources Inc	1.82	32.68	36.19	Energy

**Total Holdings 89**

Increase  Decrease  New to Portfolio



# JPMorgan Large Cap Growth R6 JLGMX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 17.67 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 0.44 is 54.64% lower than the Large Growth category average.

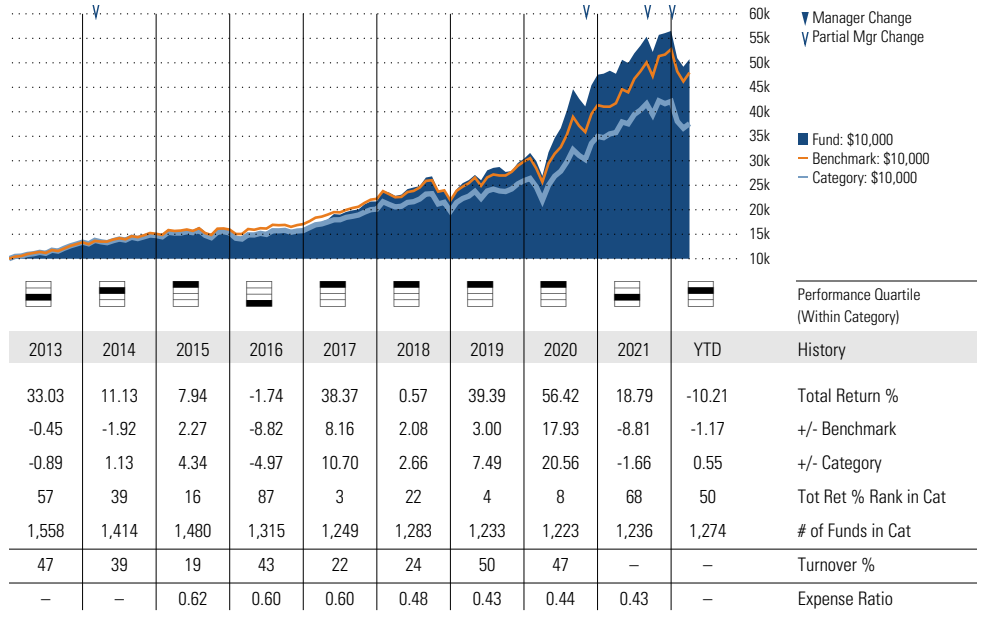
## Morningstar Investment Management LLC Analysis

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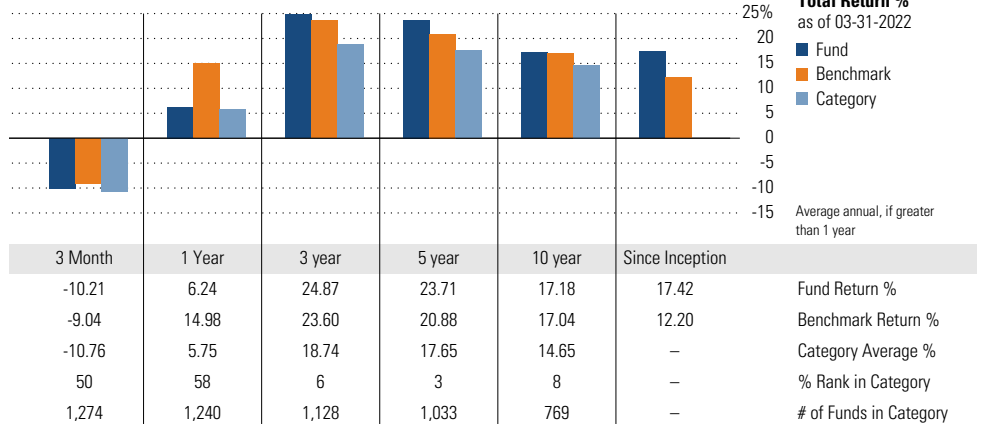
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	2-Basic	04-07-2022
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

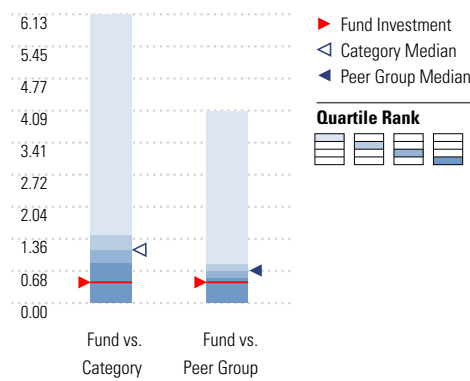
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.69	-	-3.25
Beta	1.02	-	0.97
R-Squared	93.37	-	91.38
Standard Deviation	20.63	19.47	19.83
Sharpe Ratio	1.15	1.15	0.94
Tracking Error	5.33	-	5.76
Information Ratio	0.24	-	-0.96
Up Capture Ratio	96.45	-	87.74
Down Capture Ratio	87.05	-	96.18

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	23.93	29.82	28.04
Price/Book Ratio	7.67	11.38	7.61
Geom Avg Mkt Cap \$B	266.20	342.57	345.47
ROE	42.33	42.99	36.86

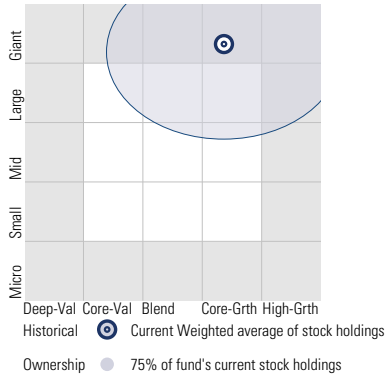
# JPMorgan Large Cap Growth R6 JLGMX

**Morningstar Category**  
Large Growth

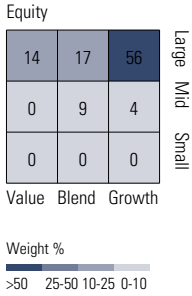
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 03-31-2022

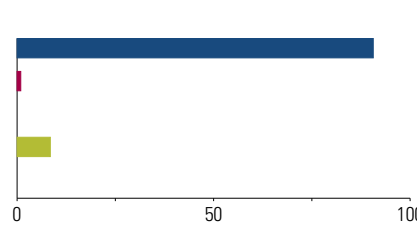
Morningstar Style Box™



## Style Breakdown

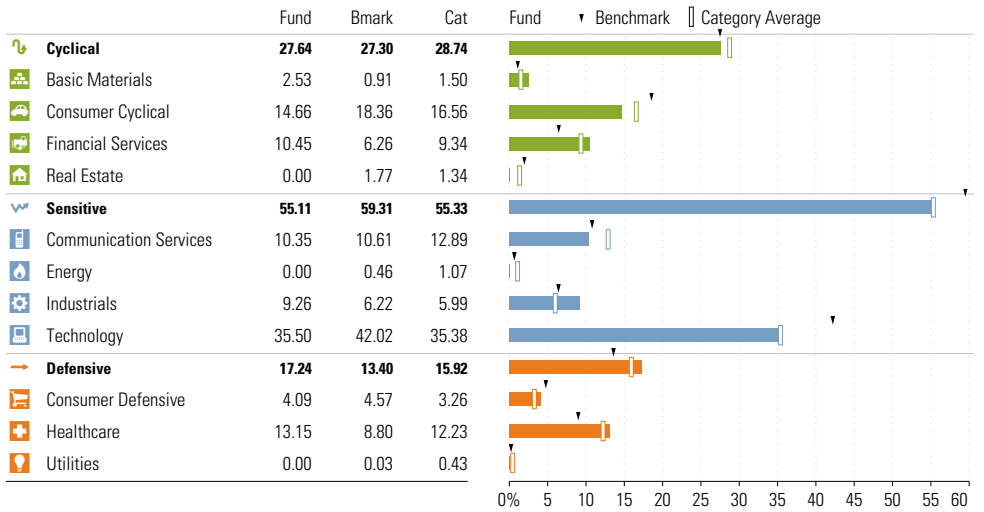


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	90.62	93.39
Non-US Stocks	0.93	4.45
Bonds	0.00	-0.01
Cash	8.45	1.64
Other	0.00	0.54
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	9.91	9.91	-1.54	Technology
Microsoft Corp	9.33	19.24	-8.14	Technology
⊖ JPMorgan Prime Money Market IM	8.45	27.69	-	-
⊖ Alphabet Inc Class C	7.67	35.36	-3.48	Communication Svc
⊖ Blackstone Inc	2.98	38.35	-0.77	Financial Services
⊕ Deere & Co	2.90	41.24	21.47	Industrials
⊕ Lowe's Companies Inc	2.74	43.98	-21.47	Consumer Cyclical
⊖ Amazon.com Inc	2.45	46.44	-2.23	Consumer Cyclical
⊕ Tesla Inc	2.35	48.79	1.97	Consumer Cyclical
Charles Schwab Corp	2.29	51.07	0.49	Financial Services
⊕ AbbVie Inc	2.27	53.35	21.04	Healthcare
⊕ AutoZone Inc	2.27	55.62	-2.47	Consumer Cyclical
⊕ HCA Healthcare Inc	2.18	57.80	-2.23	Healthcare
⊕ Oracle Corp	2.17	59.97	-4.77	Technology
⊕ McKesson Corp	1.97	61.94	23.35	Healthcare

## Total Holdings 71

⊕ 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  
Ove Fladberg since 03-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 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 13.75 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 0.4 is 37.5% lower than the Target-Date 2020 category average.

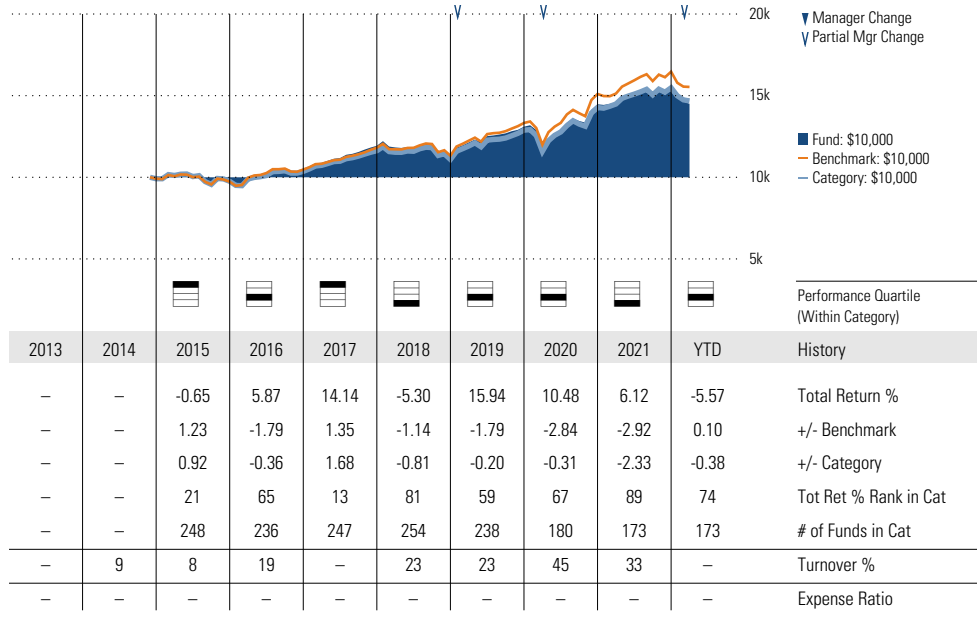
## Morningstar Investment Management LLC Analysis

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

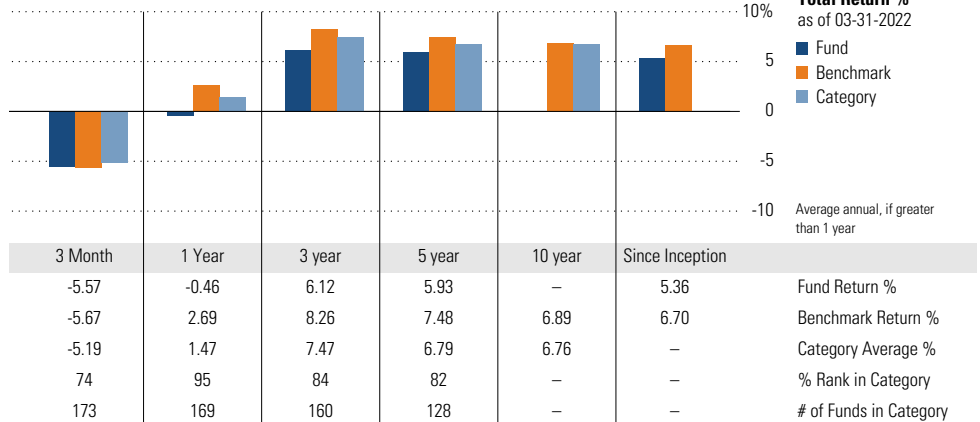
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022

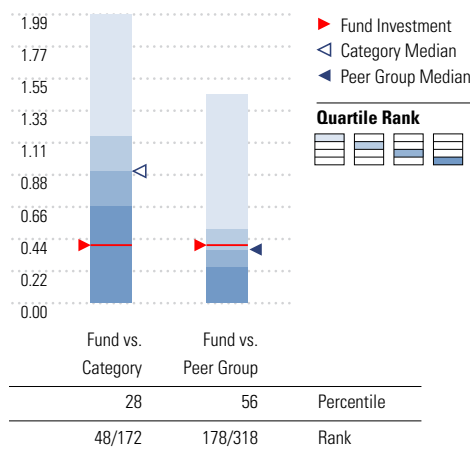
## Growth of \$10,000



## 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	-1.01	-	-0.41
Beta	0.87	-	0.93
R-Squared	96.03	-	95.62
Standard Deviation	8.46	9.53	9.08
Sharpe Ratio	0.66	0.81	0.74
Tracking Error	2.09	-	2.14
Information Ratio	-1.03	-	-0.47
Up Capture Ratio	81.63	-	90.56
Down Capture Ratio	88.25	-	92.94

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.58	17.61	17.77
Price/Book Ratio	2.79	2.60	2.67
Avg Eff Duration	4.32	8.70	5.98

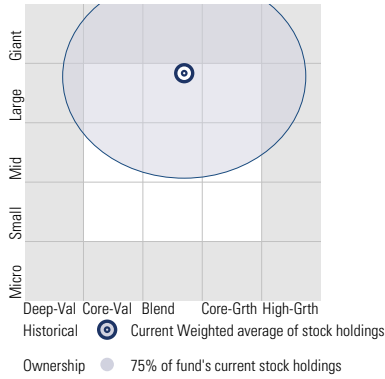
# JPMorgan SmartRetirement® 2020 R6 JTTYX

**Morningstar Category**  
Target-Date 2020

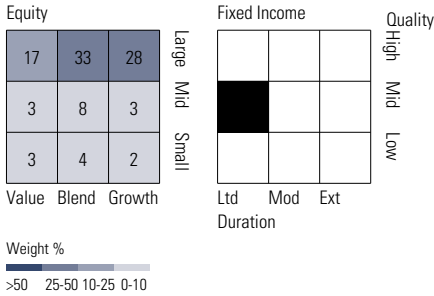
**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Style Analysis as of 03-31-2022

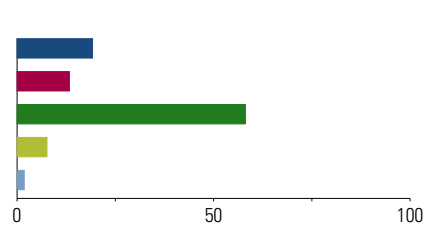
Morningstar Style Box™



## Style Breakdown

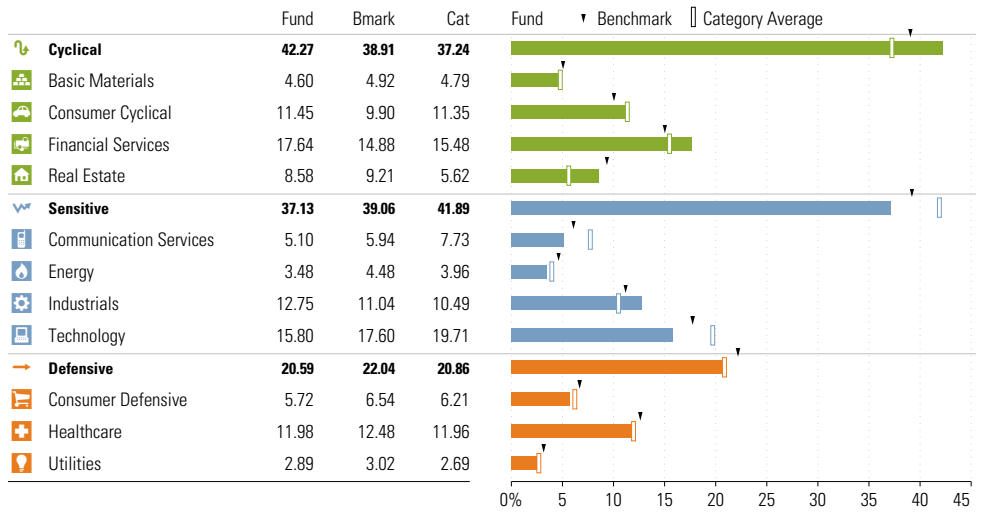


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	19.20	26.15
Non-US Stocks	13.30	15.03
Bonds	58.09	47.91
Cash	7.60	3.60
Other	1.81	7.34
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	—	25.82	25.82	—	—
⊖ JPMorgan Short Duration Core Plus R6	—	14.77	40.59	—	—
JPMorgan US Equity R6	—	9.38	49.97	—	—
⊕ JPMorgan Inflation Managed Bond R6	—	8.18	58.16	—	—
JPMorgan International Equity R6	—	6.45	64.61	—	—
⊖ JPMorgan Equity Income R6	—	4.81	69.42	—	—
JPMorgan High Yield Research Enh ETF	—	4.10	73.52	—	—
⊕ JPMorgan High Yield R6	—	3.85	77.37	—	—
JPMorgan International Rsrch Enh Eq R6	—	3.65	81.02	—	—
⊖ JPMorgan US Government MMkt IM	12-2049	2.71	83.73	—	—

## 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  
Ove Fladberg since 03-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2025 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 13.75 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 0.41 is 39.71% lower than the Target-Date 2025 category average.

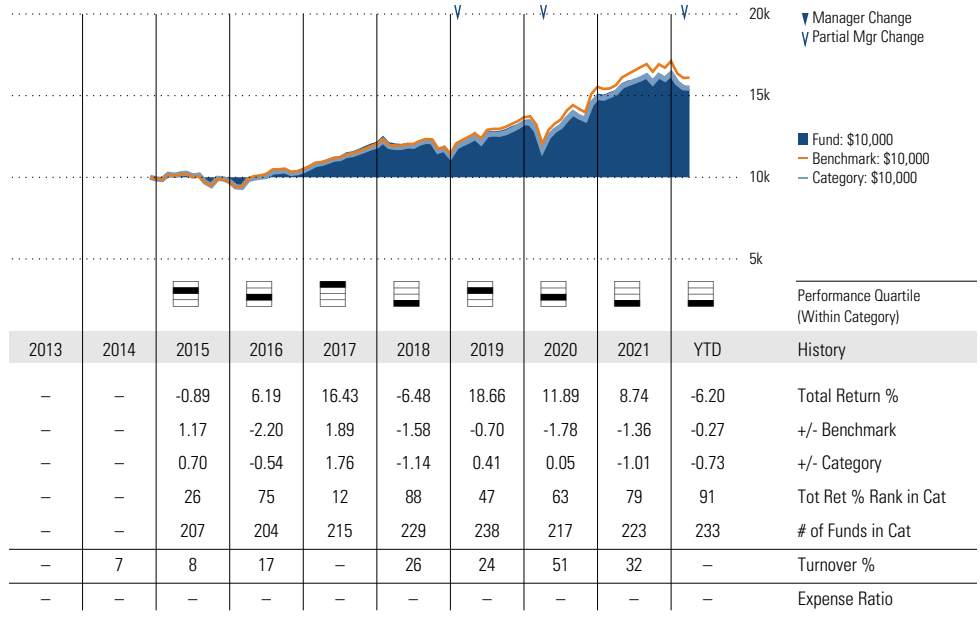
## Morningstar Investment Management LLC Analysis

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

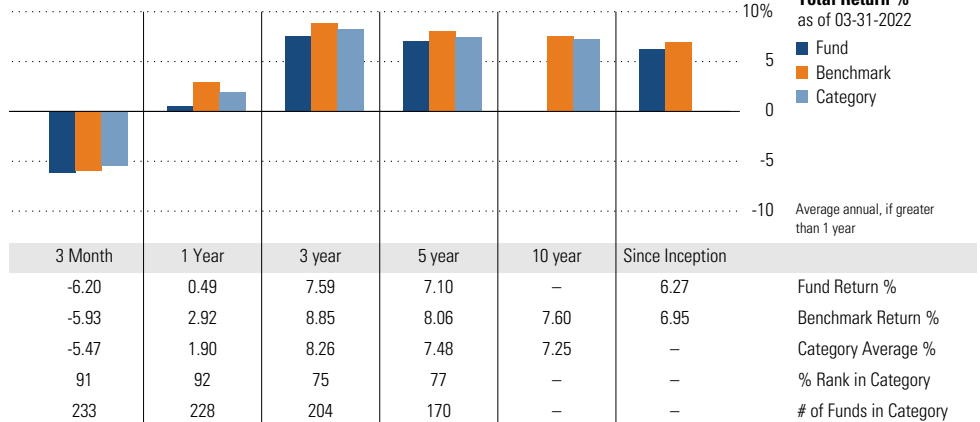
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022

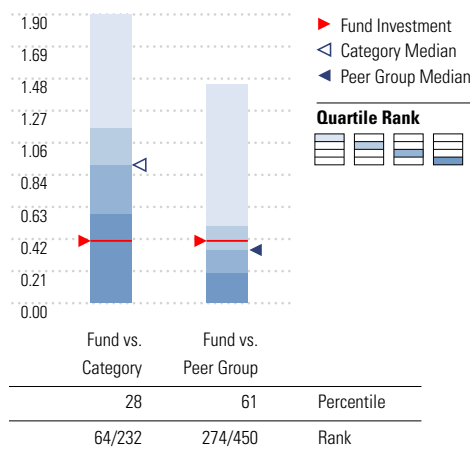
## Growth of \$10,000



## 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	-0.95	-	-0.27
Beta	0.97	-	0.95
R-Squared	97.55	-	96.66
Standard Deviation	10.53	10.68	10.27
Sharpe Ratio	0.68	0.78	0.74
Tracking Error	1.67	-	2.15
Information Ratio	-0.75	-	-0.31
Up Capture Ratio	92.81	-	94.27
Down Capture Ratio	98.53	-	96.69

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.72	17.45	17.82
Price/Book Ratio	2.83	2.56	2.69
Avg Eff Duration	4.37	9.46	6.52

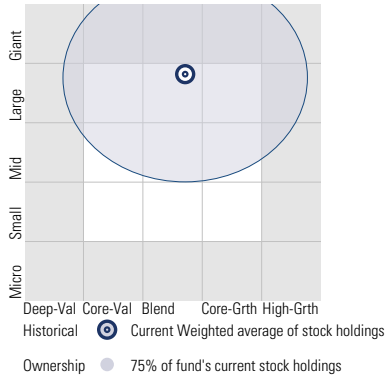
# JPMorgan SmartRetirement® 2025 R6 JNSYX

**Morningstar Category**  
Target-Date 2025

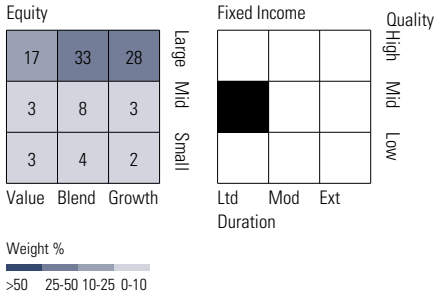
**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 03-31-2022

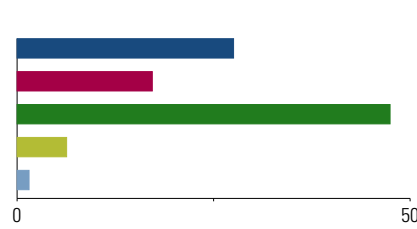
Morningstar Style Box™



## Style Breakdown

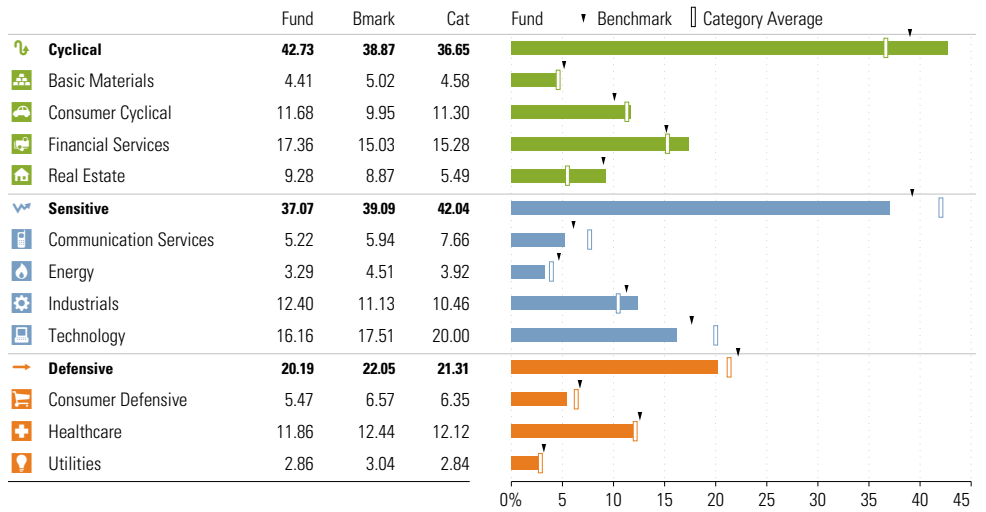


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	27.54	30.32
Non-US Stocks	17.20	16.44
Bonds	47.45	39.68
Cash	6.30	3.59
Other	1.52	9.96
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Bond R6	—	23.60	23.60	—	—
JPMorgan US Equity R6	—	13.94	37.54	—	—
⊖ JPMorgan Short Duration Core Plus R6	—	13.56	51.09	—	—
JPMorgan International Equity R6	—	7.20	58.29	—	—
⊖ JPMorgan Equity Income R6	—	6.45	64.74	—	—
JPMorgan International Rsrch Enh Eq R6	—	5.07	69.81	—	—
⊕ JPMorgan Inflation Managed Bond R6	—	3.29	73.10	—	—
JPMorgan High Yield Research Enh ETF	—	3.07	76.18	—	—
JPMorgan BetaBuilders US Mid Cap Eq ETF	—	2.82	79.00	—	—
JPMorgan Emerging Mkts Rsrch Enh Eq R6	—	2.52	81.52	—	—

## 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  
Ove Fladberg since 03-2022

## Quantitative Screens

✗ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 4 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 13.75 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 39.13% lower than the Target-Date 2030 category average.

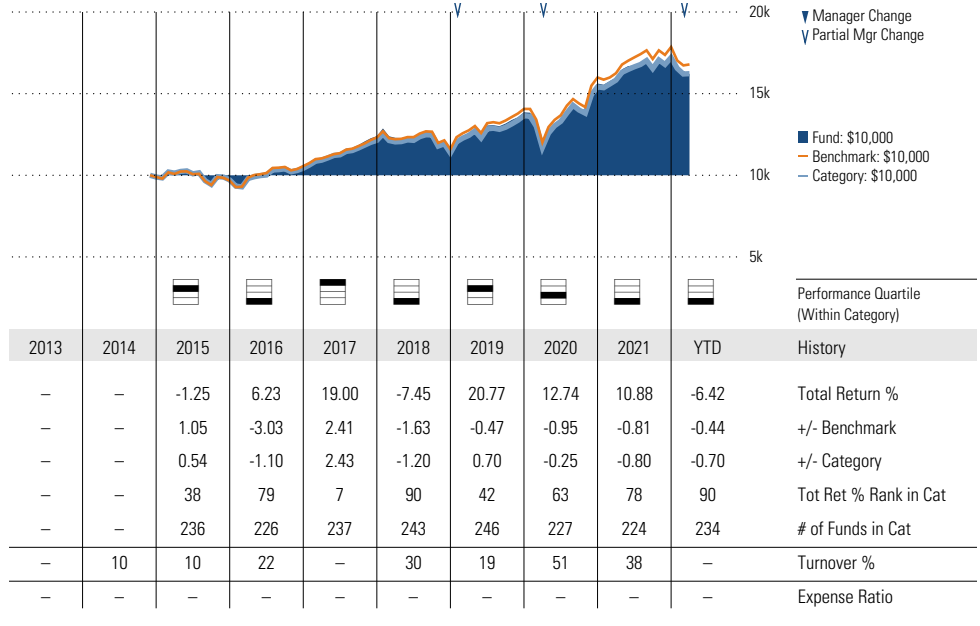
## Morningstar Investment Management LLC Analysis

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

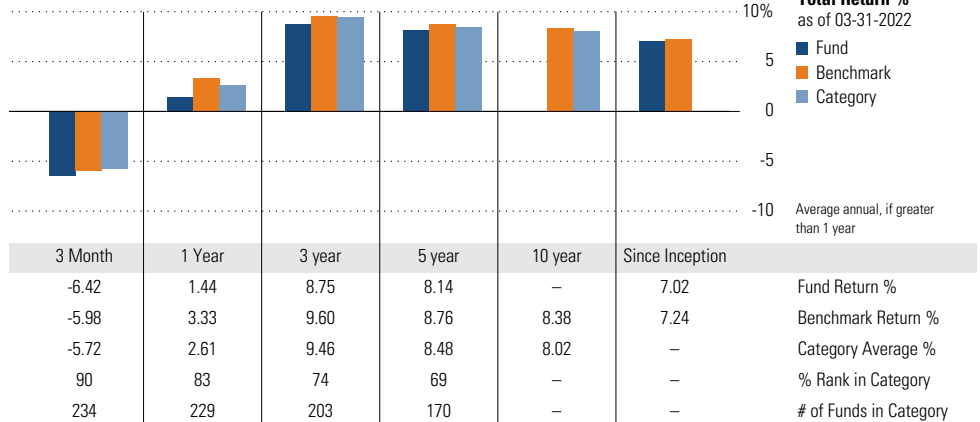
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

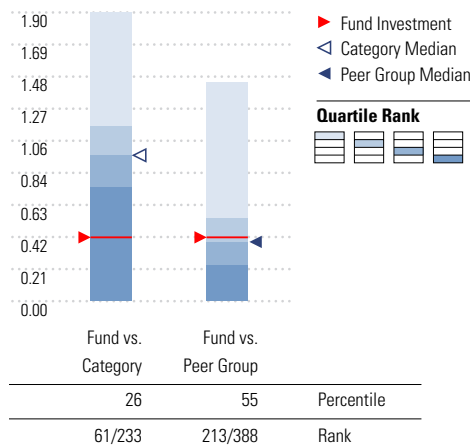
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.76	-	0.01
Beta	1.00	-	0.97
R-Squared	98.52	-	97.86
Standard Deviation	12.30	12.22	11.93
Sharpe Ratio	0.69	0.76	0.75
Tracking Error	1.50	-	1.98
Information Ratio	-0.57	-	-0.12
Up Capture Ratio	97.00	-	97.82
Down Capture Ratio	101.42	-	98.70

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.72	17.27	17.76
Price/Book Ratio	2.82	2.53	2.73
Avg Eff Duration	4.45	10.10	6.93

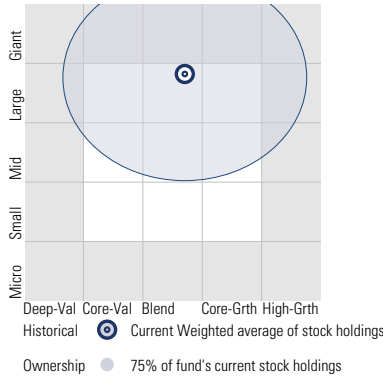
# JPMorgan SmartRetirement® 2030 R6 JSMYX

**Morningstar Category**  
Target-Date 2030

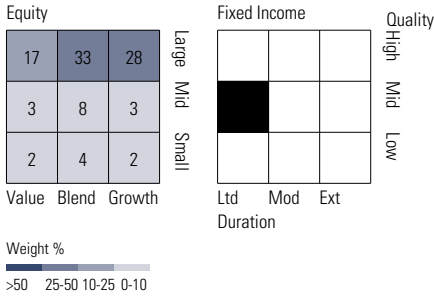
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 03-31-2022

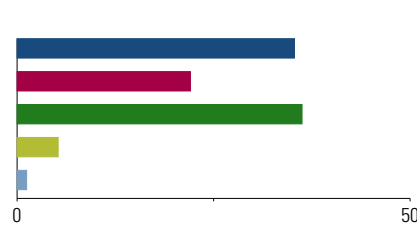
Morningstar Style Box™



## Style Breakdown

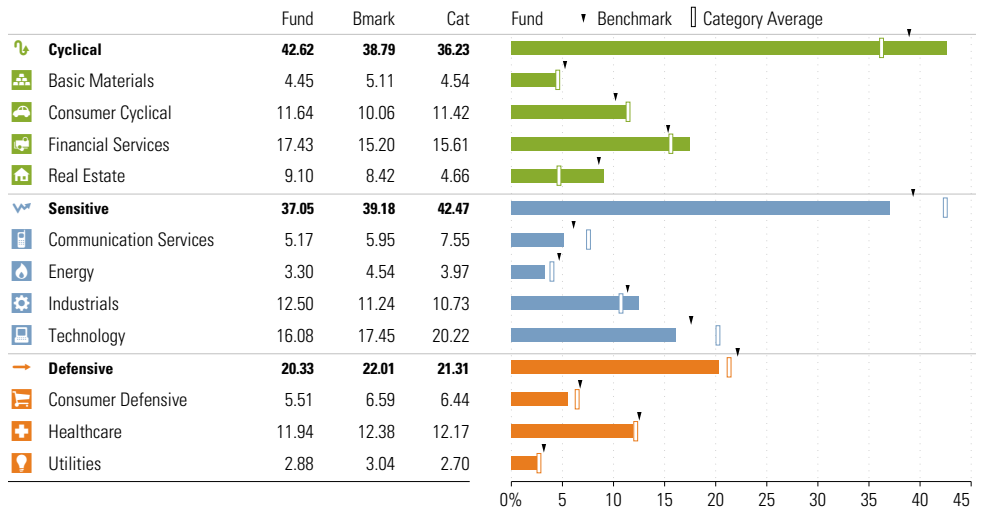


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	35.29	36.98
Non-US Stocks	22.05	19.84
Bonds	36.25	29.89
Cash	5.22	2.57
Other	1.21	10.71
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan Core Bond R6	—	19.49	19.49	—	—
JPMorgan US Equity R6	—	17.90	37.39	—	—
⊕ JPMorgan Short Duration Core Plus R6	—	11.30	48.69	—	—
JPMorgan International Equity R6	—	9.55	58.24	—	—
⊖ JPMorgan Equity Income R6	—	8.55	66.80	—	—
JPMorgan International Rsrch Enh Eq R6	—	6.49	73.29	—	—
JPMorgan BetaBuilders US Mid Cap Eq ETF	—	3.60	76.89	—	—
JPMorgan Emerging Mkts Rsrch Enh Eq R6	—	3.15	80.04	—	—
⊕ JPMorgan High Yield R6	—	2.87	82.91	—	—
⊖ JPMorgan Emerging Markets Equity R6	—	2.74	85.64	—	—

## 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  
Ove Fladberg since 03-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 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 13.75 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 37.14% lower than the Target-Date 2035 category average.

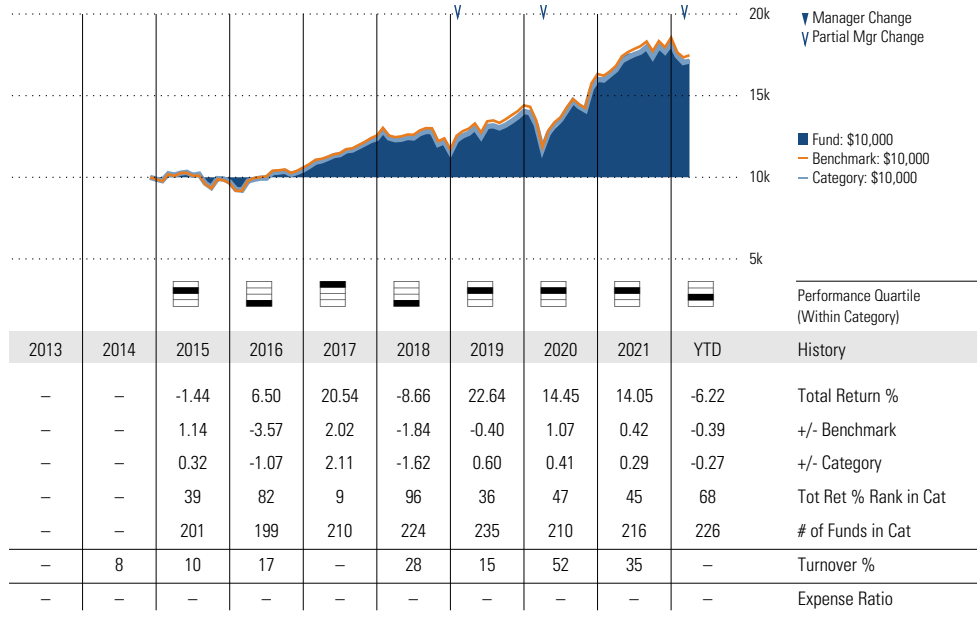
## Morningstar Investment Management LLC Analysis

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

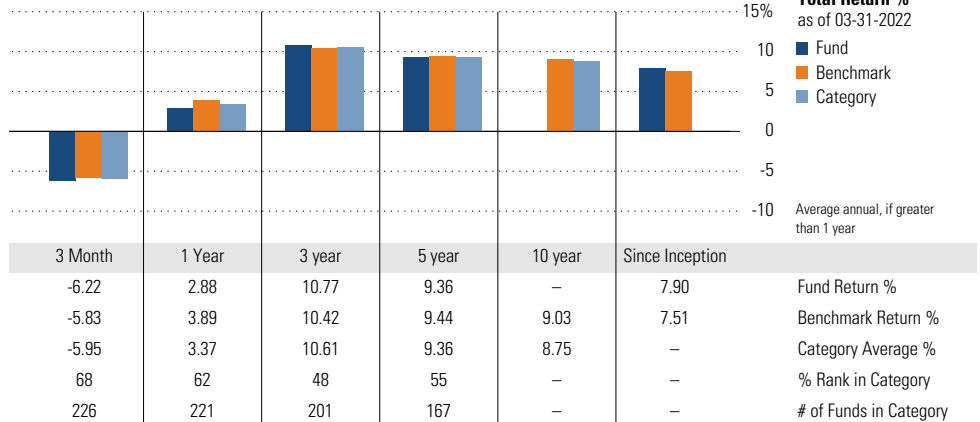
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

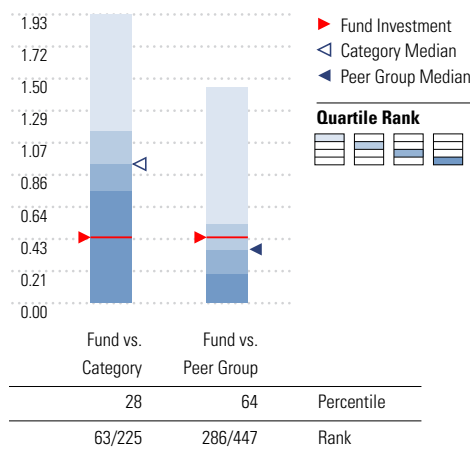
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.19	-	0.43
Beta	1.02	-	0.97
R-Squared	98.75	-	98.27
Standard Deviation	14.31	13.98	13.63
Sharpe Ratio	0.74	0.73	0.75
Tracking Error	1.62	-	2.00
Information Ratio	0.22	-	0.14
Up Capture Ratio	101.27	-	98.87
Down Capture Ratio	99.85	-	97.34

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.17	17.09	17.61
Price/Book Ratio	2.72	2.49	2.68
Avg Eff Duration	5.43	10.66	7.24

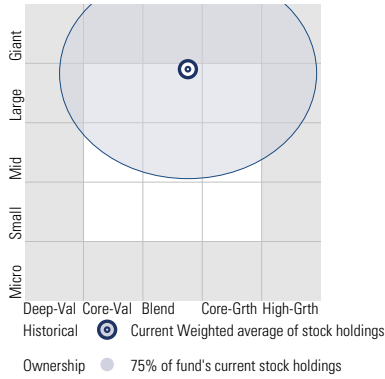
# JPMorgan SmartRetirement® 2035 R6 SRJYX

**Morningstar Category**  
Target-Date 2035

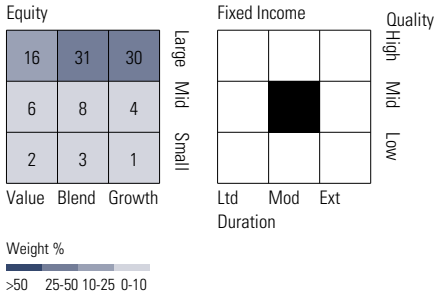
**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 03-31-2022

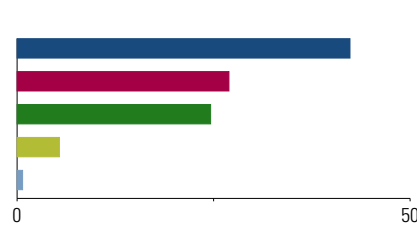
Morningstar Style Box™



## Style Breakdown

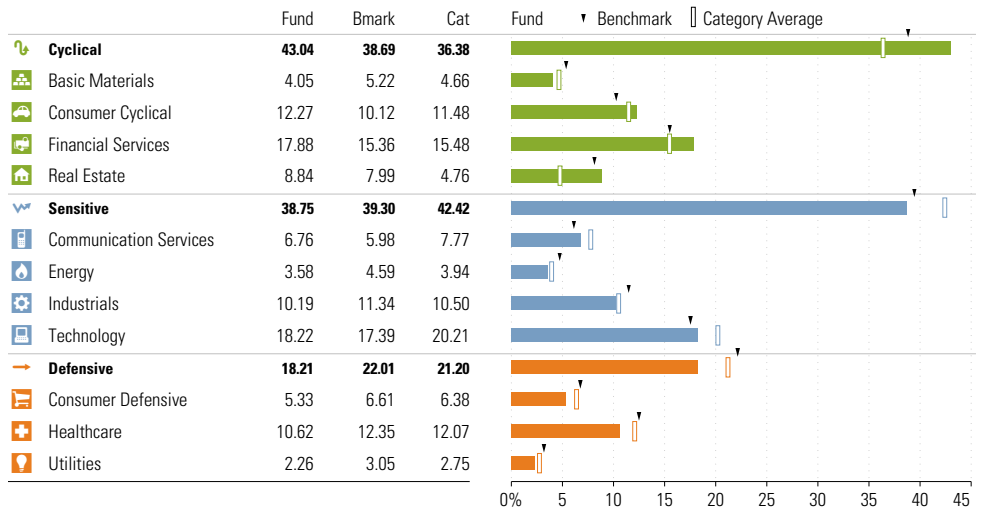


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	42.35	42.95
Non-US Stocks	26.95	24.35
Bonds	24.62	20.27
Cash	5.38	2.59
Other	0.70	9.83
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Core Plus Bond R6	—	14.61	14.61	—	—
JPMorgan Value Advantage R6	—	9.59	24.20	—	—
JPMorgan US Equity R6	—	8.73	32.93	—	—
JPMorgan Growth Advantage R6	—	8.57	41.50	—	—
JPMorgan International Focus R6	—	8.46	49.96	—	—
JPMorgan US Research Enhanced Equity R6	—	8.27	58.23	—	—
JPMorgan Emerging Mkts Rsrch Enh Eq R6	—	7.46	65.69	—	—
JPMorgan International Rsrch Enh Eq R6	—	6.85	72.53	—	—
⊖ JPMorgan Core Bond R6	—	5.41	77.94	—	—
JPMorgan International Equity R6	—	4.29	82.23	—	—

## Total Holdings 23

⊕ 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  
Ove Fladberg since 03-2022

## Quantitative Screens

**Performance:** The fund has finished in the Target-Date 2040 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 13.75 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 2040 category average.

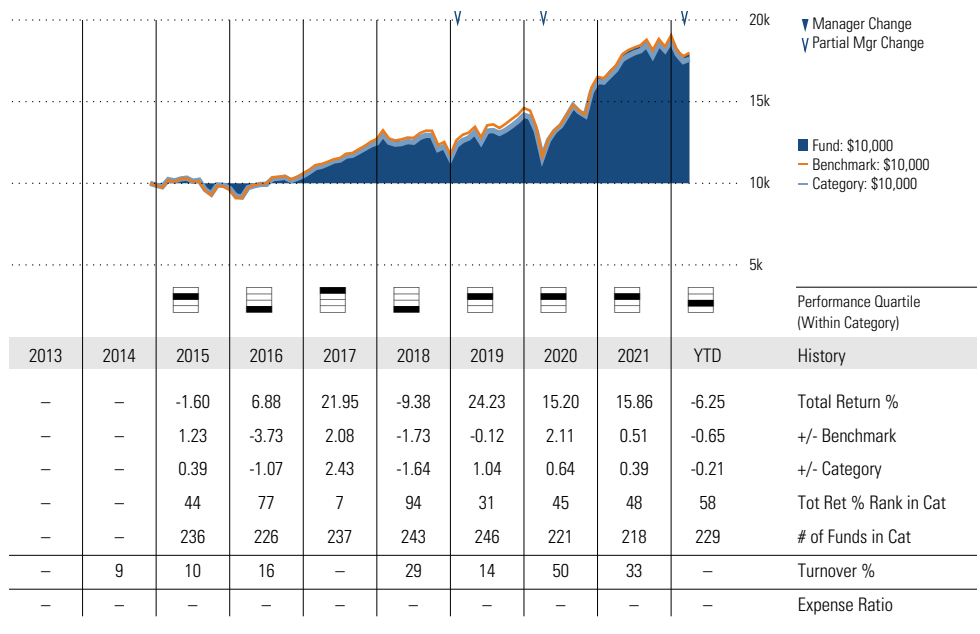
## Morningstar Investment Management LLC Analysis

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

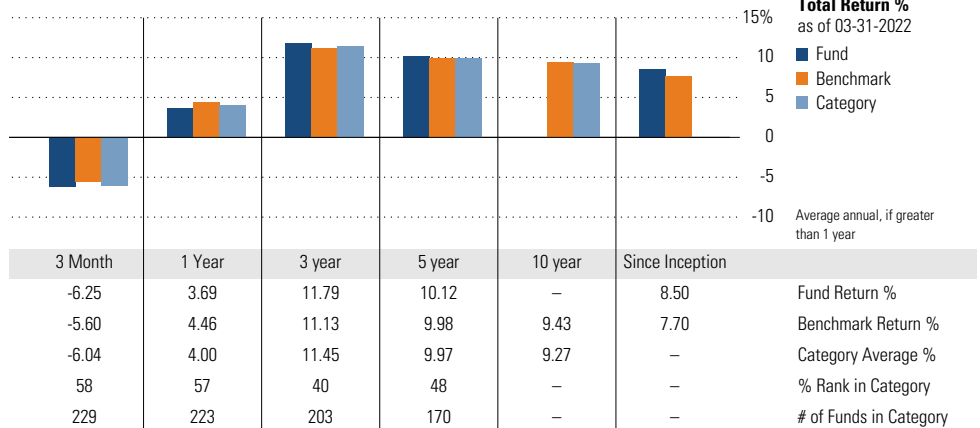
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

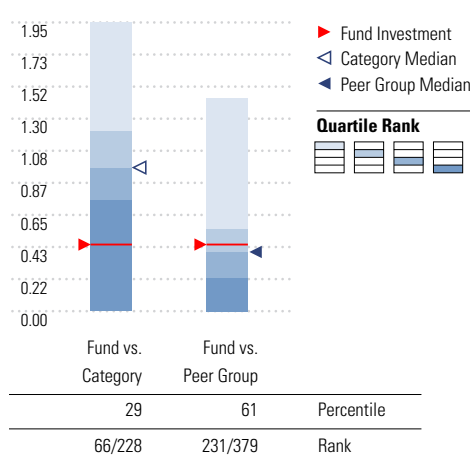
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.56	-	0.72
Beta	1.01	-	0.95
R-Squared	98.93	-	98.32
Standard Deviation	15.66	15.50	14.90
Sharpe Ratio	0.75	0.72	0.76
Tracking Error	1.62	-	2.13
Information Ratio	0.41	-	0.23
Up Capture Ratio	101.42	-	98.32
Down Capture Ratio	98.58	-	95.65

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.22	16.93	17.52
Price/Book Ratio	2.72	2.46	2.66
Avg Eff Duration	5.22	11.14	7.50

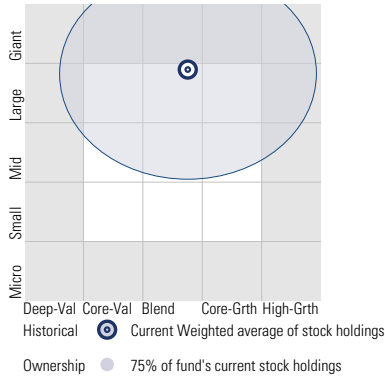
# JPMorgan SmartRetirement® 2040 R6 SMTYX

**Morningstar Category**  
Target-Date 2040

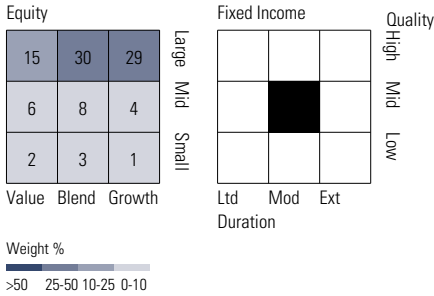
**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 03-31-2022

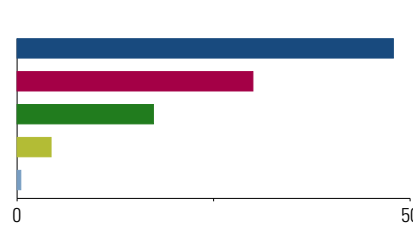
Morningstar Style Box™



## Style Breakdown

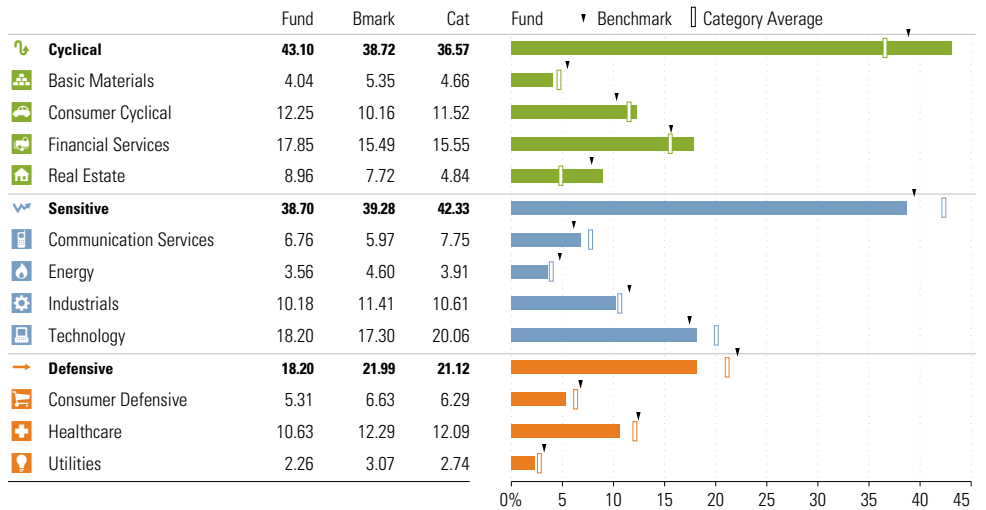


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	47.87	48.66
Non-US Stocks	30.00	28.01
Bonds	17.34	12.89
Cash	4.32	2.05
Other	0.47	8.40
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Value Advantage R6	-	10.82	10.82	-	-
JPMorgan US Equity R6	-	9.77	20.59	-	-
JPMorgan Growth Advantage R6	-	9.64	30.22	-	-
JPMorgan US Research Enhanced Equity R6	-	9.49	39.72	-	-
JPMorgan International Focus R6	-	9.25	48.97	-	-
⊕ JPMorgan Core Plus Bond R6	-	9.02	57.99	-	-
JPMorgan Emerging Mkts Rsrch Enh Eq R6	-	8.33	66.32	-	-
JPMorgan International Rsrch Enh Eq R6	-	7.68	74.01	-	-
JPMorgan International Equity R6	-	4.84	78.85	-	-
⊕ JPMorgan Core Bond R6	-	3.61	82.46	-	-

## Total Holdings 23

⊕ 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  
Ove Fladberg since 03-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 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 13.75 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 2045 category average.

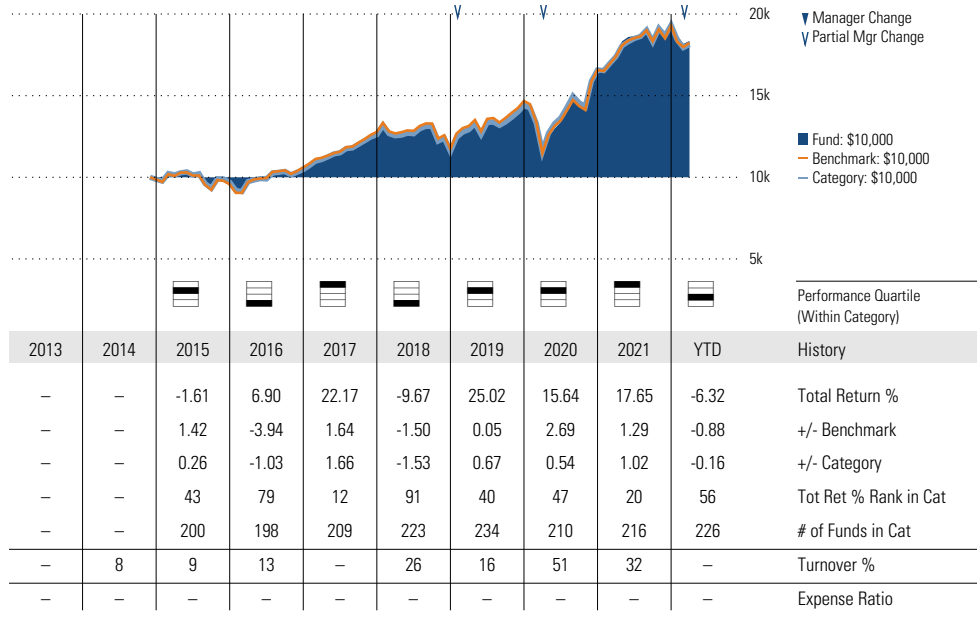
## Morningstar Investment Management LLC Analysis

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

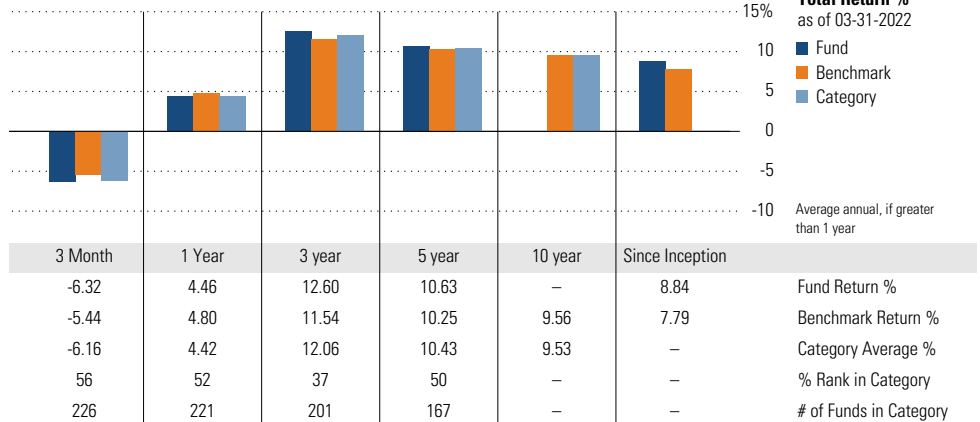
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

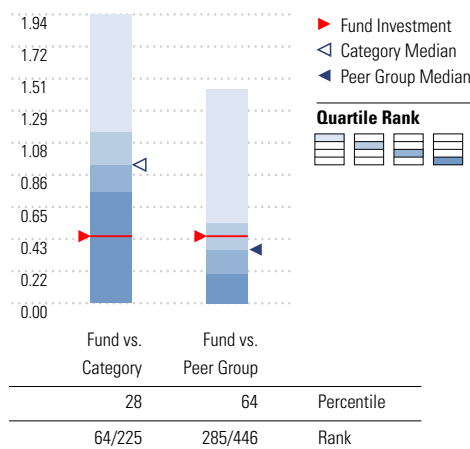
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.83	-	0.88
Beta	1.01	-	0.95
R-Squared	98.97	-	98.30
Standard Deviation	16.72	16.39	15.75
Sharpe Ratio	0.75	0.71	0.76
Tracking Error	1.71	-	2.17
Information Ratio	0.62	-	0.29
Up Capture Ratio	103.45	-	98.75
Down Capture Ratio	99.93	-	95.61

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.20	16.80	17.62
Price/Book Ratio	2.72	2.43	2.65
Avg Eff Duration	4.81	11.57	7.28

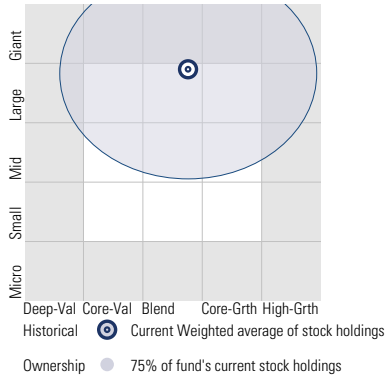
# JPMorgan SmartRetirement® 2045 R6 JSAYX

**Morningstar Category**  
Target-Date 2045

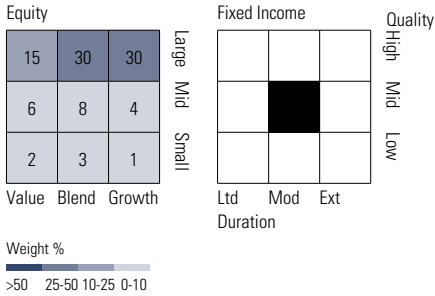
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 03-31-2022

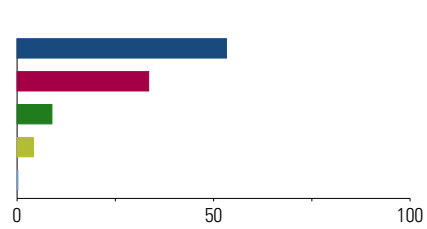
Morningstar Style Box™



## Style Breakdown

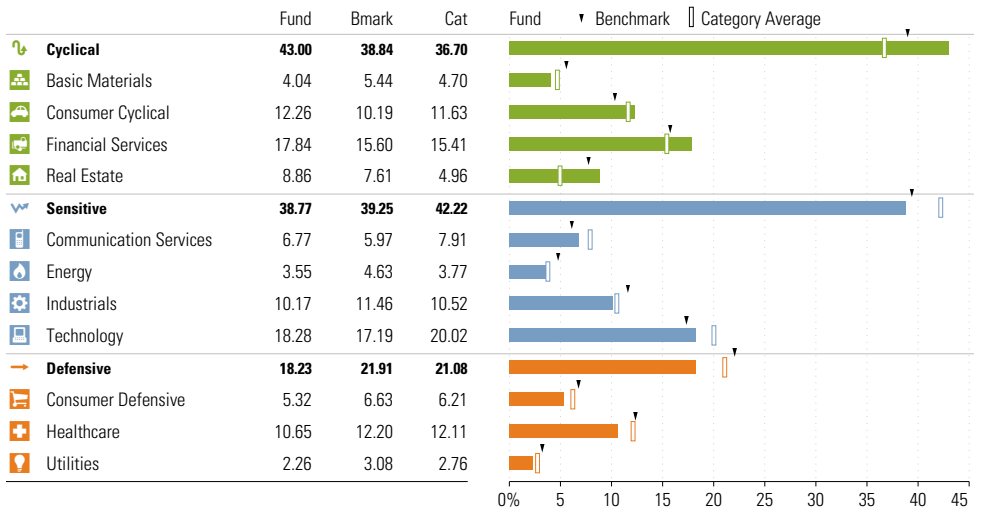


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	53.27	52.39
Non-US Stocks	33.48	30.14
Bonds	8.86	6.98
Cash	4.17	2.04
Other	0.22	8.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Value Advantage R6	—	11.94	11.94	—	—
JPMorgan US Equity R6	—	10.92	22.86	—	—
JPMorgan US Research Enhanced Equity R6	—	10.78	33.64	—	—
JPMorgan Growth Advantage R6	—	10.69	44.34	—	—
JPMorgan International Focus R6	—	10.42	54.76	—	—
JPMorgan Emerging Mkts Rsrch Enh Eq R6	—	9.33	64.09	—	—
JPMorgan International Rsrch Enh Eq R6	—	8.45	72.53	—	—
JPMorgan International Equity R6	—	5.40	77.94	—	—
JPMorgan Realty Income R6	—	4.09	82.02	—	—
⊕ JPMorgan Core Plus Bond R6	—	3.17	85.19	—	—

## Total Holdings 23

⊕ 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  
Ove Fladberg since 03-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 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 13.75 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 37.5% lower than the Target-Date 2050 category average.

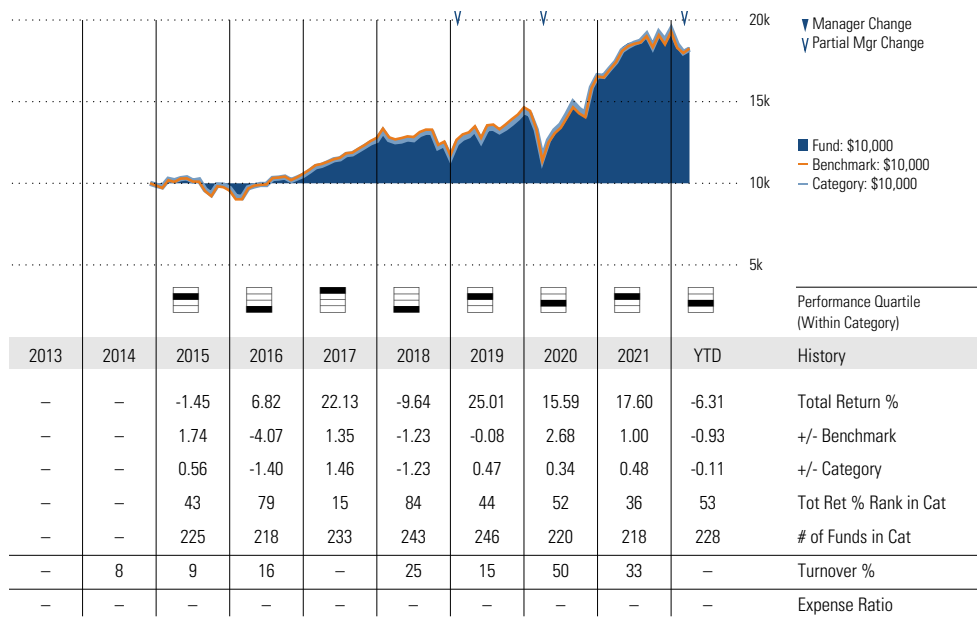
## Morningstar Investment Management LLC Analysis

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

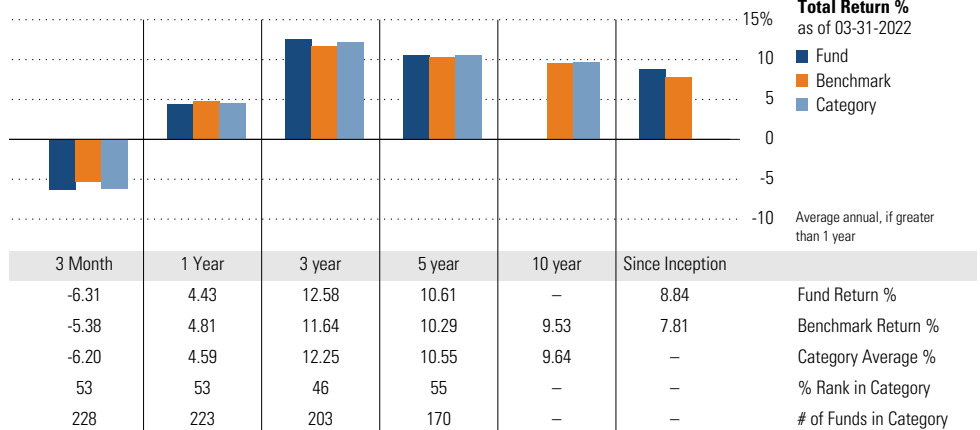
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

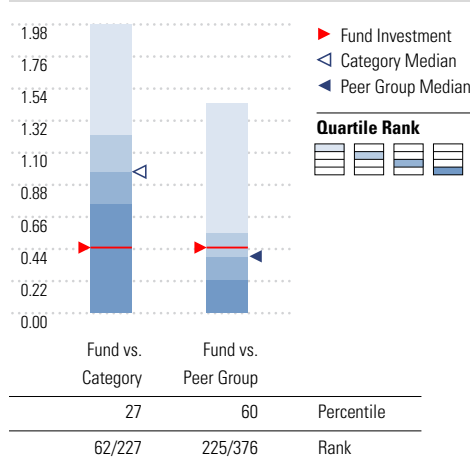
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.92	-	0.94
Beta	0.99	-	0.95
R-Squared	98.95	-	98.22
Standard Deviation	16.71	16.71	16.07
Sharpe Ratio	0.75	0.70	0.75
Tracking Error	1.71	-	2.20
Information Ratio	0.55	-	0.28
Up Capture Ratio	101.65	-	99.06
Down Capture Ratio	97.75	-	95.81

## Portfolio Metrics

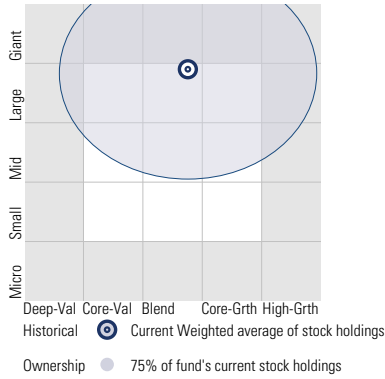
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.19	16.68	17.57
Price/Book Ratio	2.72	2.41	2.64
Avg Eff Duration	4.80	-	6.69

# JPMorgan SmartRetirement® 2050 R6 JTSYX

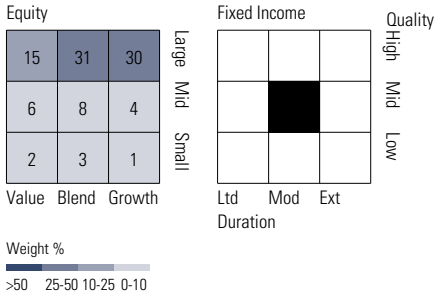
**Morningstar Category**  
Target-Date 2050

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

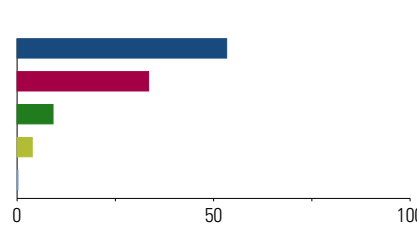
**Style Analysis** as of 03-31-2022  
Morningstar Style Box™



**Style Breakdown**

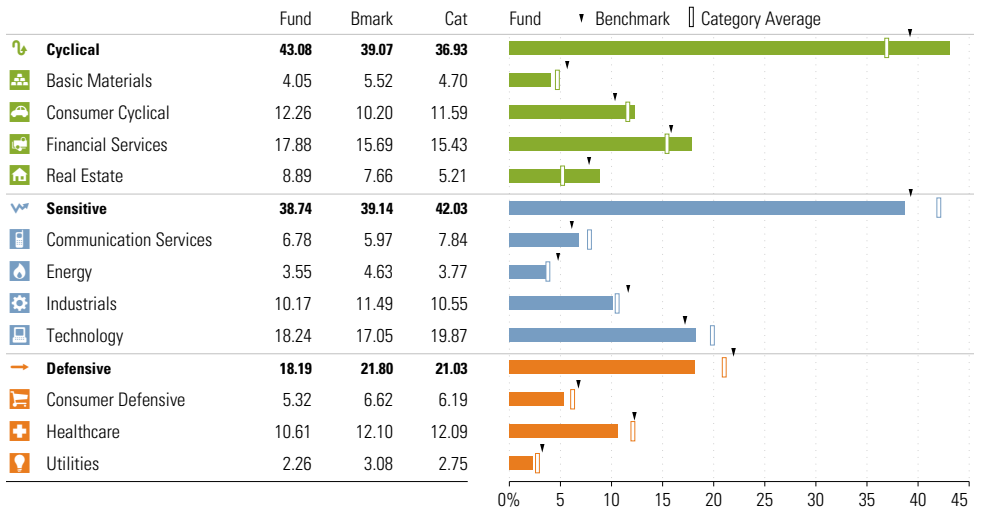


**Asset Allocation** as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	53.32	54.18
Non-US Stocks	33.47	31.45
Bonds	9.14	5.37
Cash	3.85	1.73
Other	0.23	7.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2022



**Top 10 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
JPMorgan Value Advantage R6	—	12.01	12.01	—	—
JPMorgan US Equity R6	—	10.93	22.94	—	—
JPMorgan US Research Enhanced Equity R6	—	10.79	33.72	—	—
JPMorgan Growth Advantage R6	—	10.65	44.37	—	—
JPMorgan International Focus R6	—	10.65	55.02	—	—
JPMorgan Emerging Mkts Rsrch Enh Eq R6	—	9.32	64.34	—	—
JPMorgan International Rsrch Enh Eq R6	—	8.28	72.62	—	—
JPMorgan International Equity R6	—	5.34	77.96	—	—
JPMorgan Realty Income R6	—	3.96	81.92	—	—
⊕ JPMorgan Core Plus Bond R6	—	3.40	85.33	—	—

**Total Holdings** 23

⊕ 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)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 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 10.17 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.45 is 36.62% lower than the Target-Date 2055 category average.

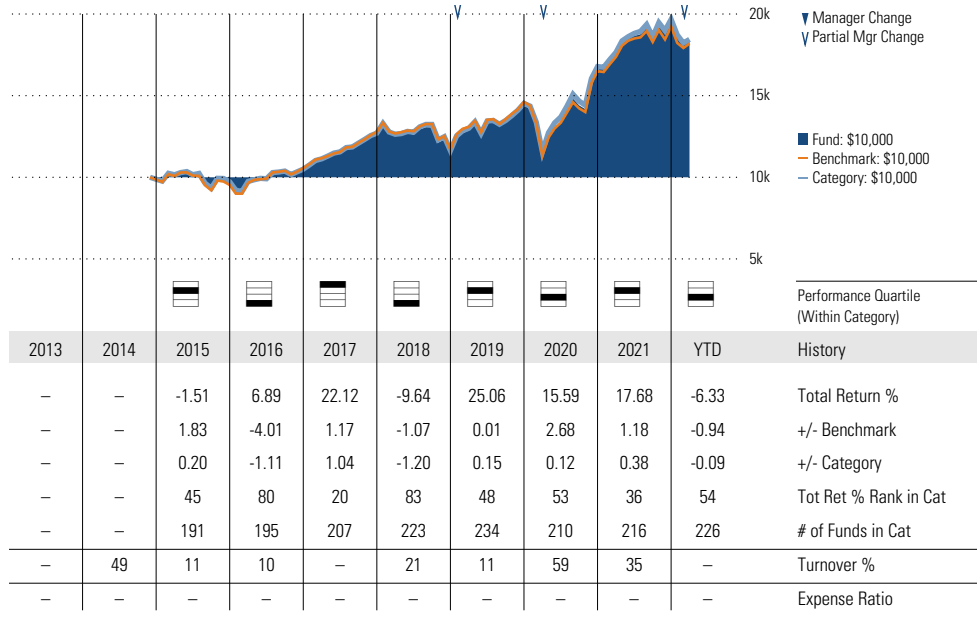
## Morningstar Investment Management LLC Analysis

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

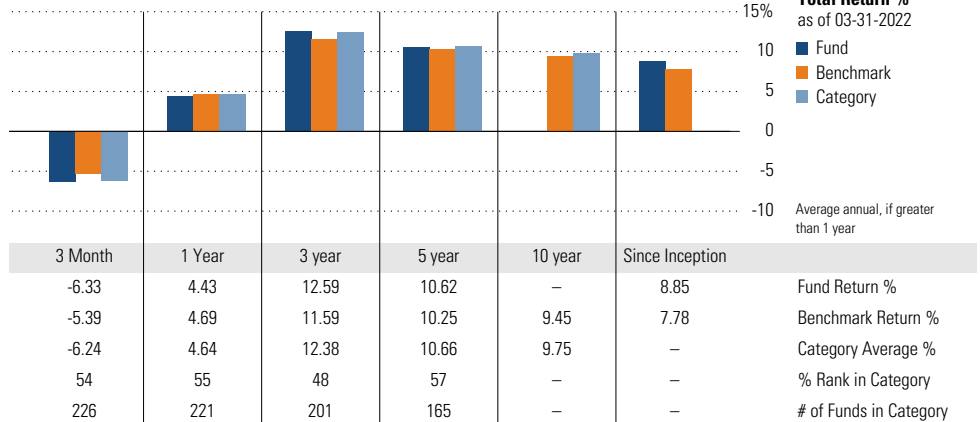
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

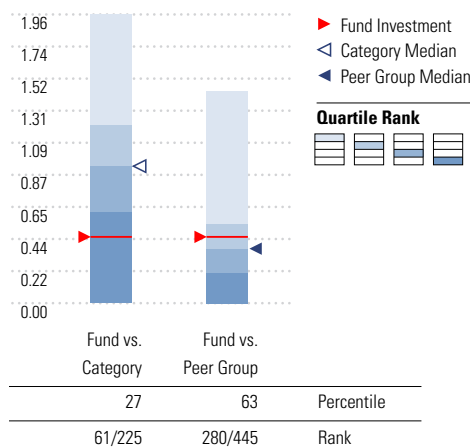
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.04	-	1.05
Beta	0.99	-	0.96
R-Squared	98.96	-	98.16
Standard Deviation	16.67	16.80	16.21
Sharpe Ratio	0.76	0.70	0.75
Tracking Error	1.71	-	2.23
Information Ratio	0.59	-	0.34
Up Capture Ratio	101.38	-	99.78
Down Capture Ratio	97.04	-	96.17

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.19	16.56	17.29
Price/Book Ratio	2.73	2.38	2.57
Avg Eff Duration	4.78	-	6.54

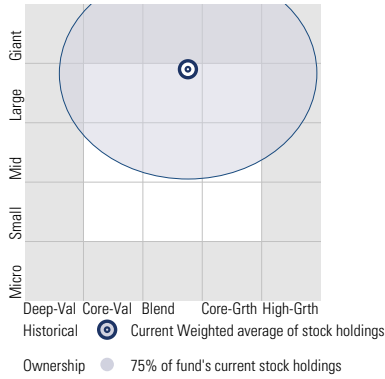
# JPMorgan SmartRetirement® 2055 R6 JFFYX

**Morningstar Category**  
Target-Date 2055

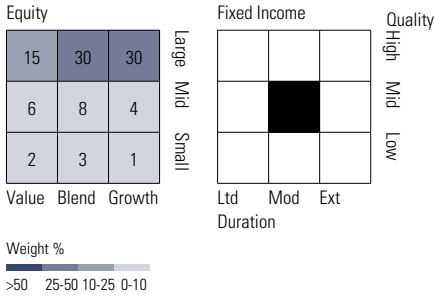
**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 03-31-2022

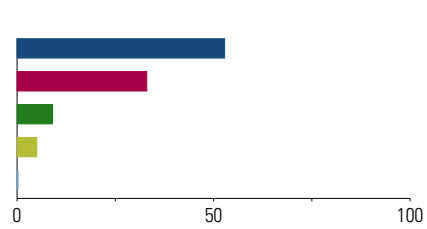
Morningstar Style Box™



## Style Breakdown

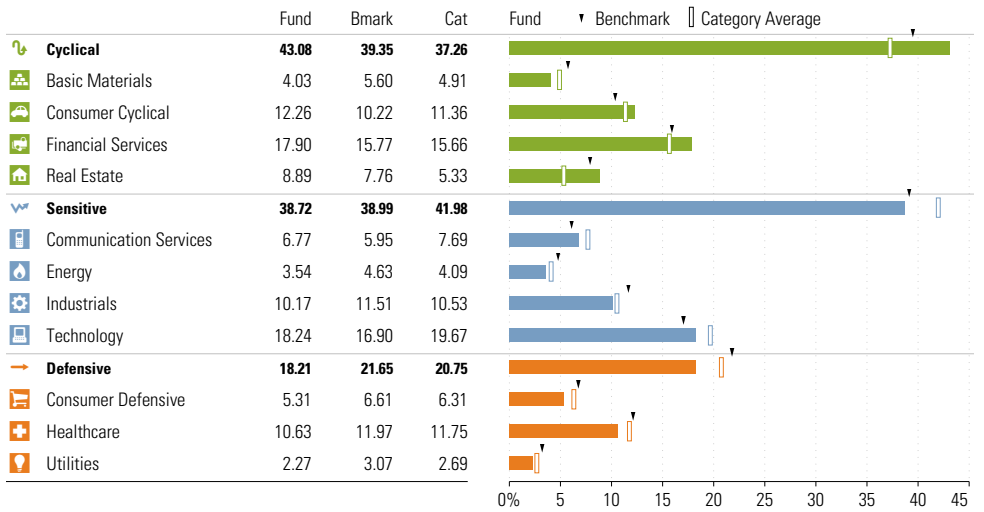


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	52.80	53.78
Non-US Stocks	32.99	34.81
Bonds	9.00	4.62
Cash	5.00	1.52
Other	0.23	5.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
JPMorgan Value Advantage R6	—	12.07	12.07	—	—
JPMorgan US Equity R6	—	10.77	22.84	—	—
JPMorgan International Focus R6	—	10.76	33.61	—	—
JPMorgan Growth Advantage R6	—	10.64	44.25	—	—
JPMorgan US Research Enhanced Equity R6	—	10.54	54.79	—	—
JPMorgan Emerging Mkts Rsrch Enh Eq R6	—	9.07	63.85	—	—
JPMorgan International Rsrch Enh Eq R6	—	8.06	71.91	—	—
JPMorgan International Equity R6	—	5.22	77.13	—	—
JPMorgan Realty Income R6	—	3.93	81.07	—	—
⊕ JPMorgan US Government MMkt IM	12-2049	3.32	84.39	—	—

## Total Holdings 23

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# JPMorgan SmartRetirement® 2060 R6 JAKYX

**Morningstar Category**  
Target-Date 2060

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060 category's top three quartiles in 4 of the 5 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.58 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 2060 category average.

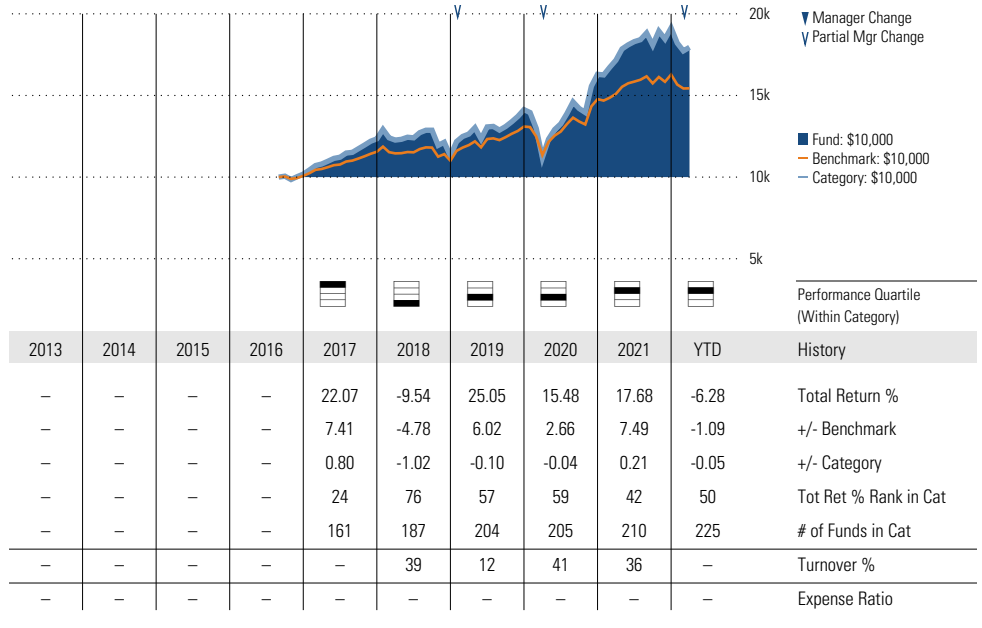
## Morningstar Investment Management LLC Analysis

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

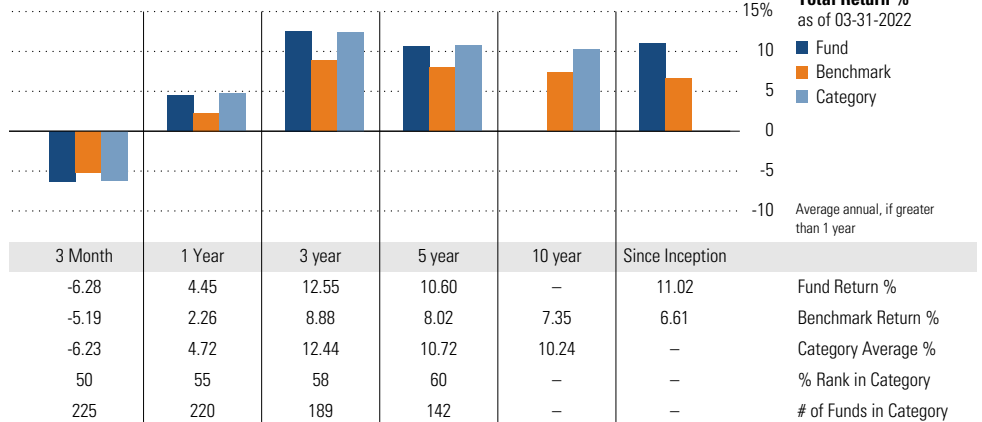
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

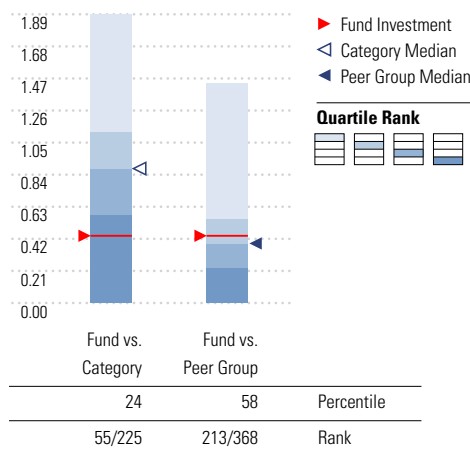
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.39	-	-0.39
Beta	1.49	-	1.46
R-Squared	98.22	-	97.68
Standard Deviation	16.61	11.03	16.34
Sharpe Ratio	0.76	0.76	0.75
Tracking Error	5.86	-	5.70
Information Ratio	0.62	-	0.61
Up Capture Ratio	148.62	-	147.81
Down Capture Ratio	153.77	-	154.30

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.33	16.35	17.66
Price/Book Ratio	2.74	2.35	2.69
Avg Eff Duration	4.73	6.81	6.34

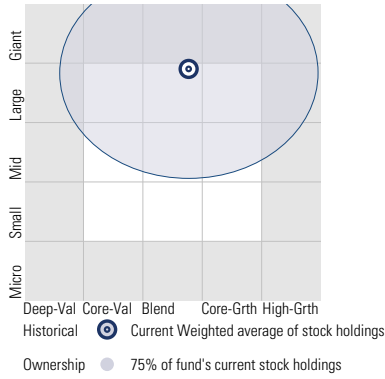
# JPMorgan SmartRetirement® 2060 R6 JAKYX

**Morningstar Category**  
Target-Date 2060

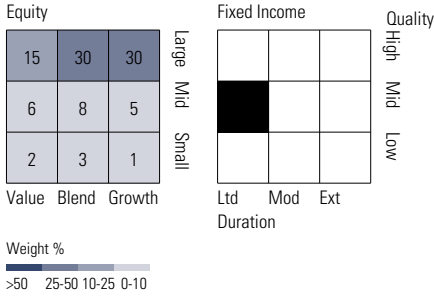
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2022

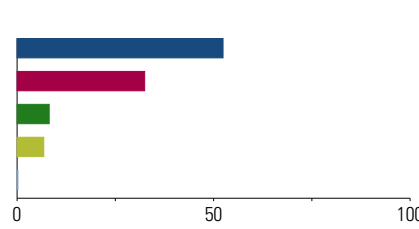
Morningstar Style Box™



## Style Breakdown

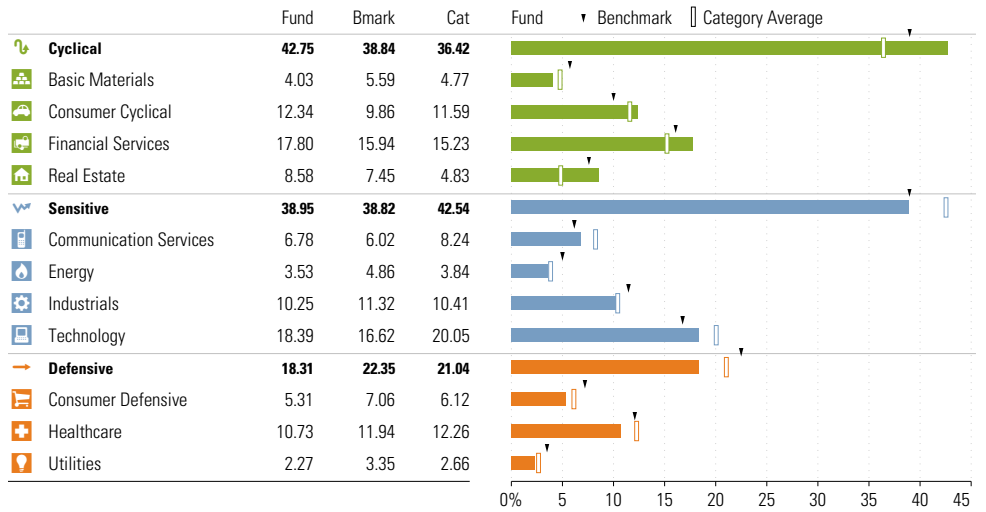


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	52.40	55.68
Non-US Stocks	32.46	33.32
Bonds	8.16	4.62
Cash	6.79	1.90
Other	0.20	4.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
JPMorgan Value Advantage R6	-	11.59	11.59	-	-
⊕ JPMorgan Growth Advantage R6	-	11.05	22.64	-	-
⊕ JPMorgan US Equity R6	-	10.72	33.36	-	-
⊕ JPMorgan US Research Enhanced Equity R6	-	10.63	43.99	-	-
JPMorgan International Focus R6	-	9.74	53.73	-	-
JPMorgan Emerging Mkts Rsrch Enh Eq R6	-	8.68	62.41	-	-
⊕ JPMorgan International Rsrch Enh Eq R6	-	8.55	70.96	-	-
⊕ JPMorgan International Equity R6	-	5.60	76.55	-	-
⊕ JPMorgan US Government MMkt IM	12-2049	5.18	81.74	-	-
JPMorgan Realty Income R6	-	3.75	85.48	-	-

## Total Holdings 23

⊕ 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  
Ove Fladberg since 03-2022

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date Retirement category's top three quartiles in 6 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 13.75 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 0.39 is 42.65% lower than the Target-Date Retirement category average.

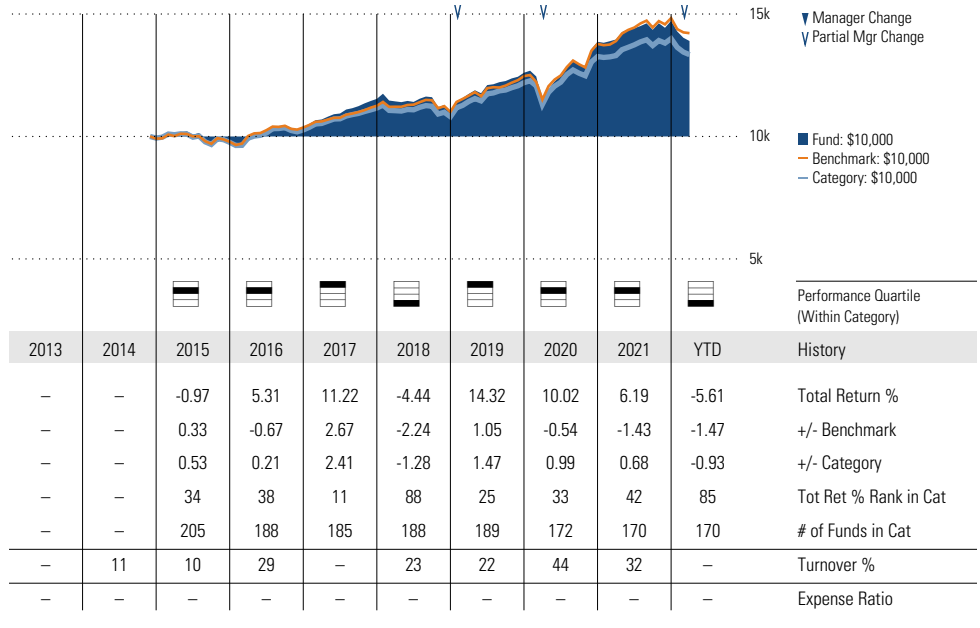
## Morningstar Investment Management LLC Analysis

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

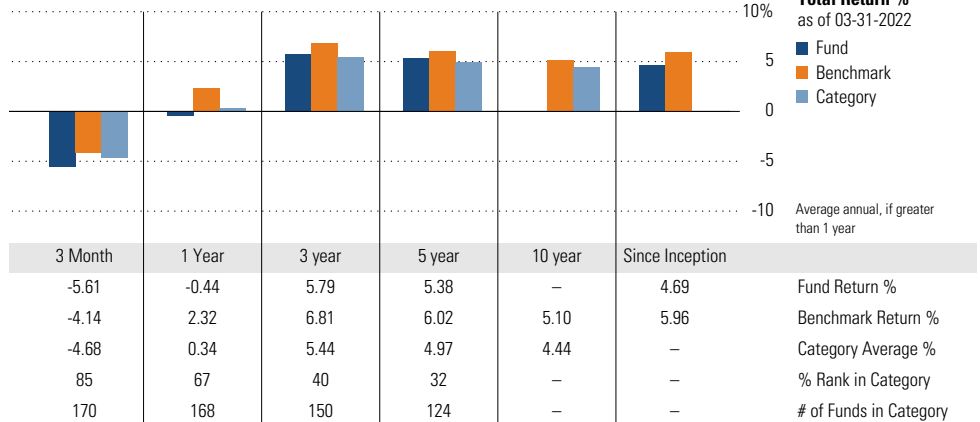
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022

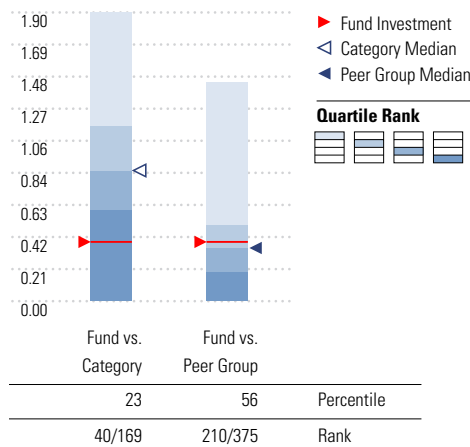
## Growth of \$10,000



## 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	-1.56	-	-0.83
Beta	1.10	-	0.92
R-Squared	95.38	-	93.18
Standard Deviation	8.06	7.17	6.85
Sharpe Ratio	0.66	0.86	0.70
Tracking Error	1.86	-	2.18
Information Ratio	-0.55	-	-0.59
Up Capture Ratio	98.28	-	85.88
Down Capture Ratio	111.24	-	92.19

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.71	18.05	17.49
Price/Book Ratio	2.81	2.70	2.57
Avg Eff Duration	4.31	5.68	6.50

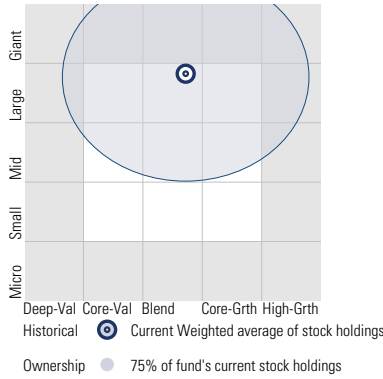
# JPMorgan SmartRetirement® Income R6 JSIYX

**Morningstar Category**  
Target-Date Retirement

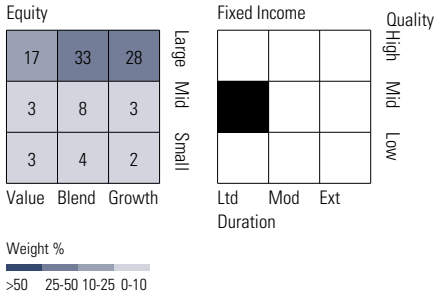
**Morningstar Index**  
Morningstar Lifetime Mod Incm TR USD

## Style Analysis as of 03-31-2022

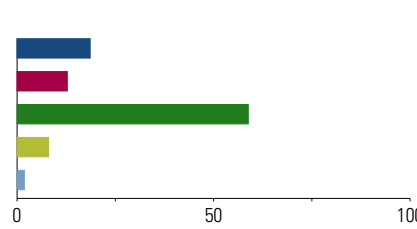
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	18.59	18.44
Non-US Stocks	12.77	9.98
Bonds	58.82	52.27
Cash	7.98	5.53
Other	1.84	13.78
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>42.43</b>	<b>38.64</b>	<b>38.62</b>			
Basic Materials	4.58	4.65	4.45			
Consumer Cyclical	11.54	9.79	10.53			
Financial Services	17.38	14.55	14.91			
Real Estate	8.93	9.65	8.73			
<b>Sensitive</b>	<b>37.17</b>	<b>39.17</b>	<b>40.42</b>			
Communication Services	5.13	5.96	7.10			
Energy	3.38	4.41	4.20			
Industrials	12.67	10.83	10.11			
Technology	15.99	17.97	19.01			
<b>Defensive</b>	<b>20.41</b>	<b>22.18</b>	<b>20.96</b>			
Consumer Defensive	5.61	6.52	6.40			
Healthcare	11.93	12.67	11.59			
Utilities	2.87	2.99	2.97			

## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ JPMorgan Core Bond R6	—	26.39	26.39	—	—
⊕ JPMorgan Short Duration Core Plus R6	—	15.15	41.54	—	—
JPMorgan US Equity R6	—	9.25	50.79	—	—
⊕ JPMorgan Inflation Managed Bond R6	—	7.98	58.76	—	—
JPMorgan International Equity R6	—	6.18	64.94	—	—
⊖ JPMorgan Equity Income R6	—	4.24	69.18	—	—
JPMorgan High Yield Research Enh ETF	—	4.03	73.21	—	—
⊕ JPMorgan High Yield R6	—	3.90	77.11	—	—
JPMorgan International Rsrch Enh Eq R6	—	3.44	80.55	—	—
⊖ JPMorgan US Government MMkt IM	12-2049	3.02	83.57	—	—

## 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)

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

✔ **Management:** The fund's management has been in place for 15.17 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.65 is 35% lower than the Multisector Bond category average.

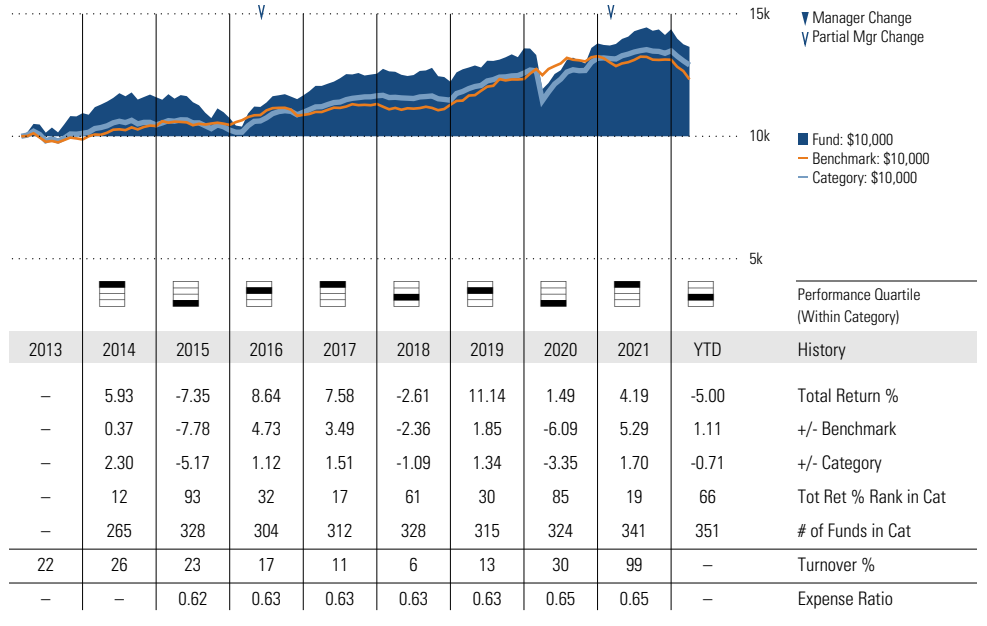
## Morningstar Investment Management LLC Analysis

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

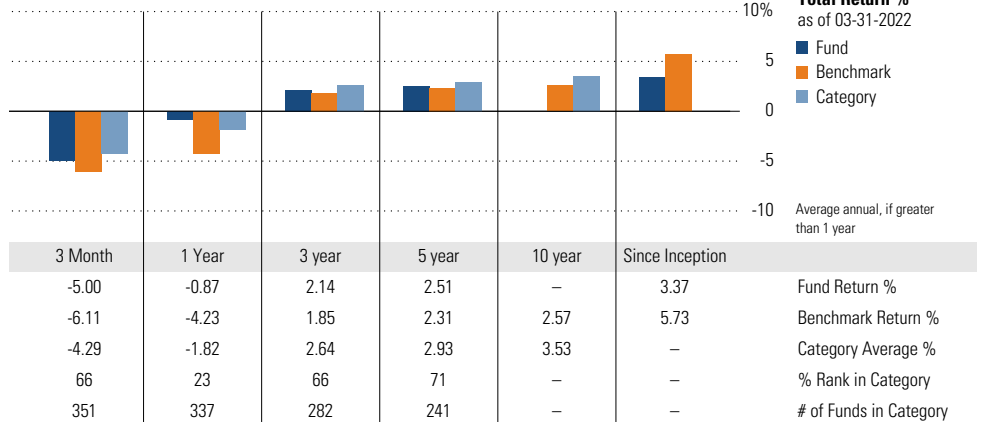
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022
ESG Commitment	1-Low	02-15-2022

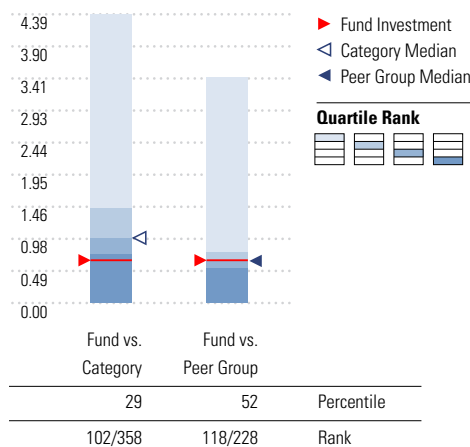
## Growth of \$10,000



## 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	0.38	-	1.04
Beta	1.10	-	1.12
R-Squared	29.15	-	38.26
Standard Deviation	8.37	4.13	7.87
Sharpe Ratio	0.21	0.31	0.35
Tracking Error	7.06	-	6.39
Information Ratio	0.04	-	0.21
Up Capture Ratio	114.95	-	115.14
Down Capture Ratio	114.48	-	100.85

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	4.16	4.55	4.24
Avg Eff Maturity	6.47	7.69	7.72

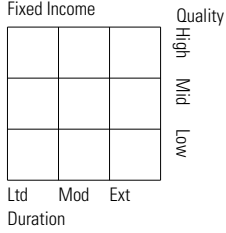
# Loomis Sayles Strategic Income N NEZNX

Morningstar Category  
Multisector Bond

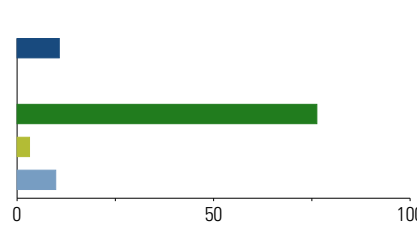
Morningstar Index  
BBgBarc US Universal TR USD

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

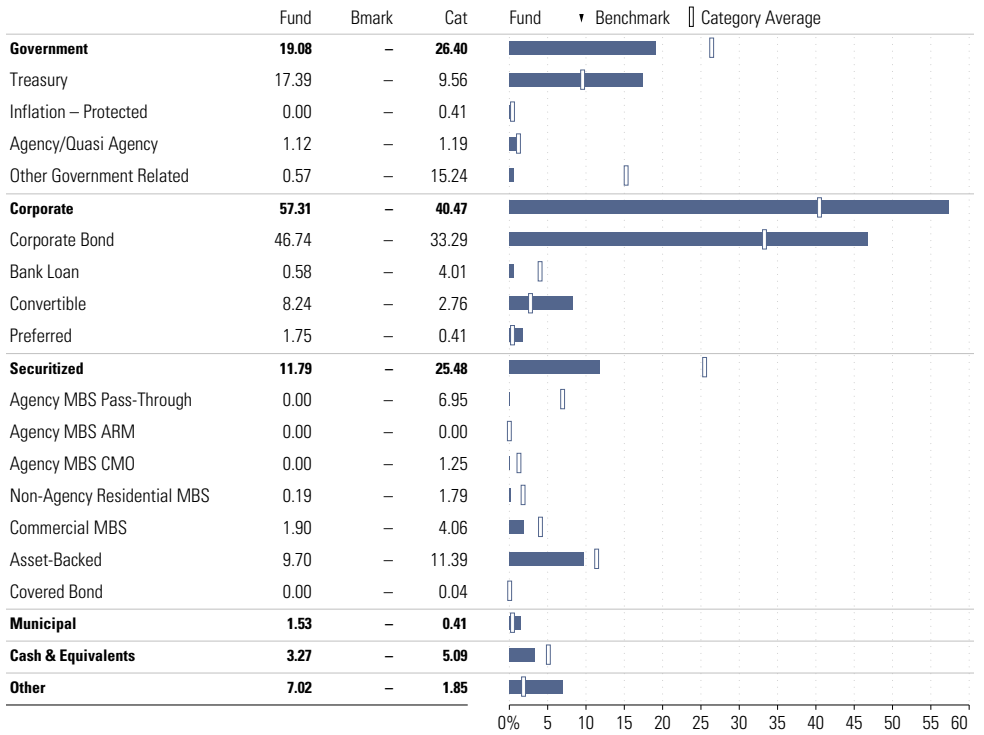


Asset Class	Net %	Cat%
US Stocks	10.73	2.08
Non-US Stocks	0.00	0.11
Bonds	76.27	101.02
Cash	3.16	-1.91
Other	9.83	-1.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	17.61	67.64	22.78
AA	1.63	3.23	3.25
A	3.27	10.03	6.72
BBB	25.76	10.89	23.94
BB	20.21	3.19	20.17
B	12.81	3.64	14.76
Below B	1.11	1.38	4.68
Not Rated	17.61	0.00	3.70

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 0.125%	02-2023	3.70	3.70	-
S02663702 Cds Usd R F 5.00000 Fix Ccpdxc	12-2026	3.55	7.25	-
S02663702 Cds Usd P V 03mevent Flo Ccpdxc	12-2026	3.36	10.61	-
United States Treasury Notes 0.5%	11-2023	2.92	13.53	-
DISH Network Corporation 3.375%	08-2026	2.82	16.35	-
⊕ Fixed Inc Clearing Corp.Repo	03-2022	2.62	18.97	-
United States Treasury Notes 0.125%	12-2022	2.35	21.32	-
S06658567 Cds Usd R F 5.00000 Fix Ccpdxc	12-2026	2.17	23.49	-
S06658567 Cds Usd P V 03mevent Flo Ccpdxc	12-2026	2.06	25.55	-
United States Treasury Notes 0.125%	01-2023	1.93	27.48	-

Total Holdings 523

⊕ 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)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 74.29 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.38 is 52.5% lower than the Large Blend category average.

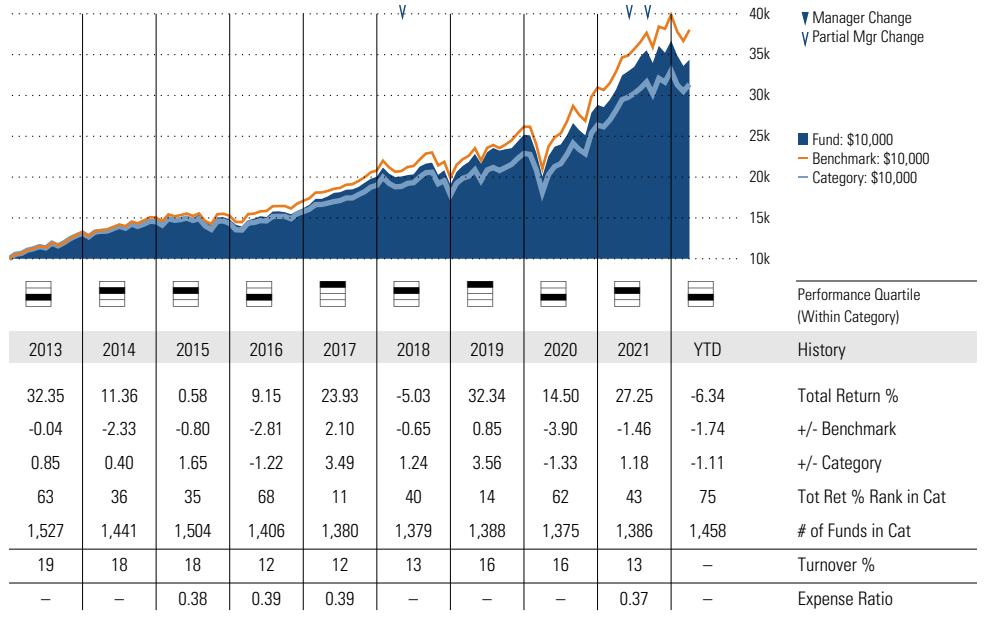
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

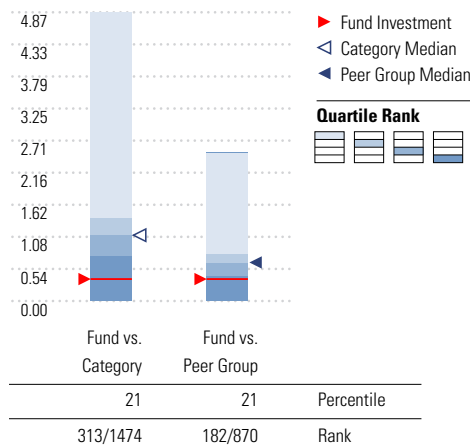
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-1.75	-	-1.71
Beta	0.97	-	0.97
R-Squared	97.90	-	94.89
Standard Deviation	17.41	17.76	17.68
Sharpe Ratio	0.92	1.03	0.90
Tracking Error	2.58	-	3.80
Information Ratio	-1.02	-	-1.26
Up Capture Ratio	94.04	-	93.27
Down Capture Ratio	101.22	-	99.84

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	23.94	21.92	22.24
Price/Book Ratio	4.07	4.23	4.92
Geom Avg Mkt Cap \$B	164.49	218.88	246.43
ROE	30.51	33.46	34.56

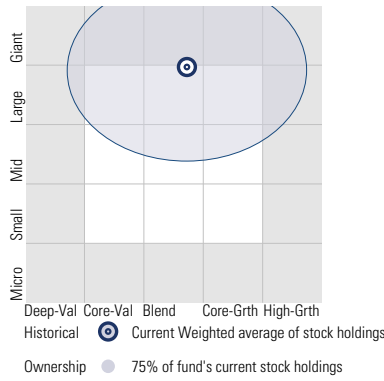
# MFS Massachusetts Investors Tr R6 MITJX

**Morningstar Category**  
Large Blend

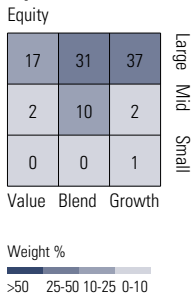
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 03-31-2022

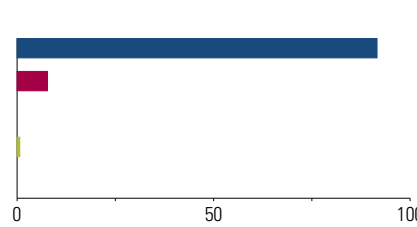
Morningstar Style Box™



## Style Breakdown

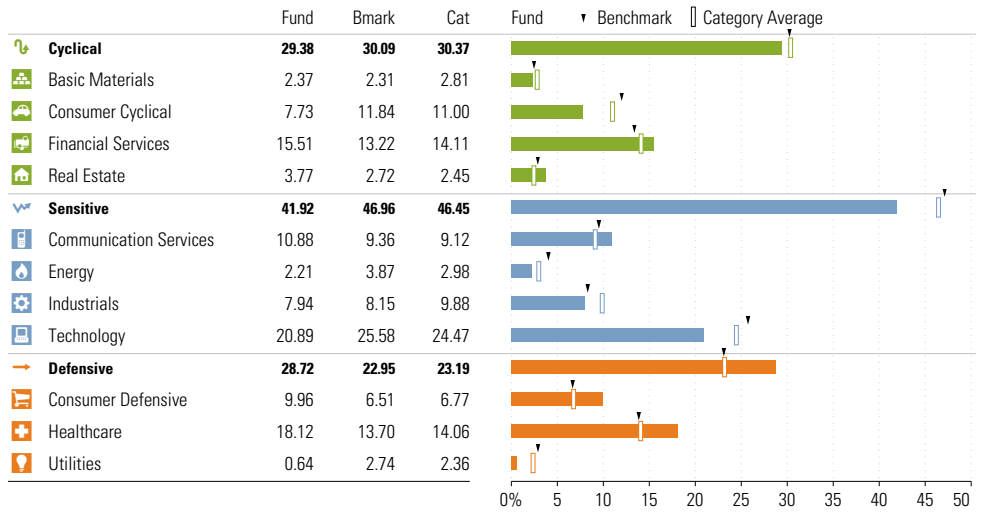


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	91.58	94.72
Non-US Stocks	7.74	2.94
Bonds	0.00	0.94
Cash	0.68	0.37
Other	0.00	1.03
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	6.12	6.12	-8.14	Technology
Alphabet Inc Class A	5.54	11.66	-3.99	Communication Svc
Apple Inc	2.89	14.55	-1.54	Technology
JPMorgan Chase & Co	2.38	16.93	-13.28	Financial Services
⊕ Johnson & Johnson	2.31	19.24	4.22	Healthcare
⊖ Bank of America Corp	2.29	21.53	-6.88	Financial Services
⊕ ConocoPhillips	2.19	23.72	39.60	Energy
Visa Inc Class A	2.09	25.81	2.51	Financial Services
Thermo Fisher Scientific Inc	2.02	27.83	-11.43	Healthcare
Alphabet Inc Class C	1.94	29.77	-3.48	Communication Svc
American Tower Corp	1.82	31.59	-14.11	Real Estate
Mastercard Inc Class A	1.82	33.41	-0.40	Financial Services
⊕ Medtronic PLC	1.75	35.16	7.86	Healthcare
Becton, Dickinson and Co	1.73	36.89	6.12	Healthcare
Honeywell International Inc	1.71	38.60	-6.21	Industrials

**Total Holdings 75**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS New Discovery R6 MNDKX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Michael Grossman since 12-2013

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 8.25 years.

✘ **Style:** The fund has landed in its primary style box — Small Growth — 54.29 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.89 is 25.21% lower than the Small Growth category average.

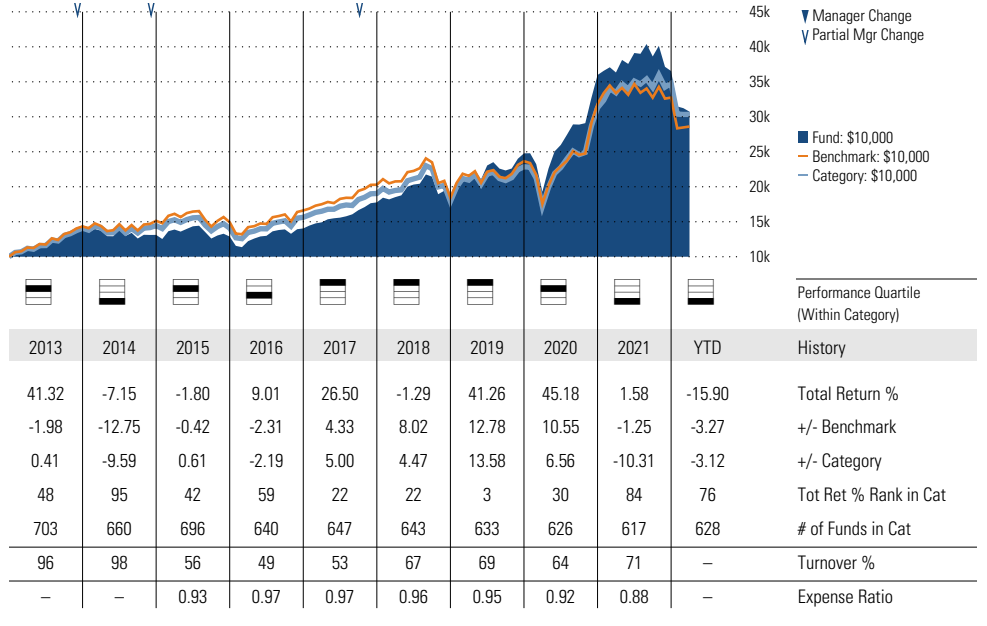
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	5	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

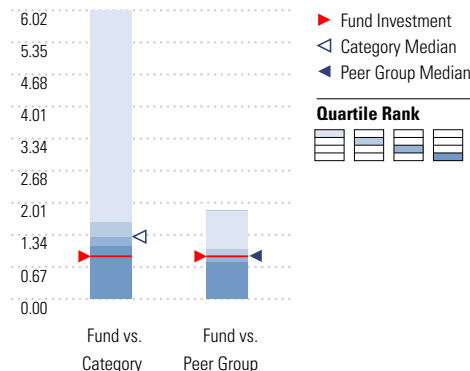
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	3.74	-	3.80
Beta	0.93	-	0.94
R-Squared	92.72	-	89.67
Standard Deviation	23.24	24.03	23.90
Sharpe Ratio	0.62	0.48	0.62
Tracking Error	6.49	-	7.89
Information Ratio	0.53	-	0.43
Up Capture Ratio	97.68	-	100.68
Down Capture Ratio	85.52	-	89.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.66	19.55	25.23
Price/Book Ratio	3.24	4.02	4.23
Geom Avg Mkt Cap \$B	3.68	2.87	5.16
ROE	4.82	8.75	14.53

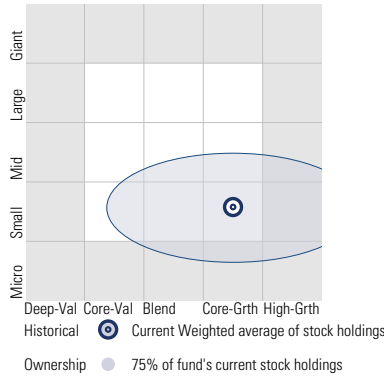
# MFS New Discovery R6 MNDKX

**Morningstar Category**  
Small Growth

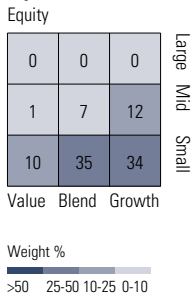
**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 03-31-2022

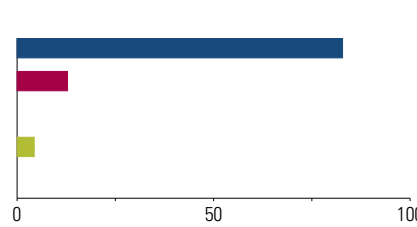
Morningstar Style Box™



## Style Breakdown

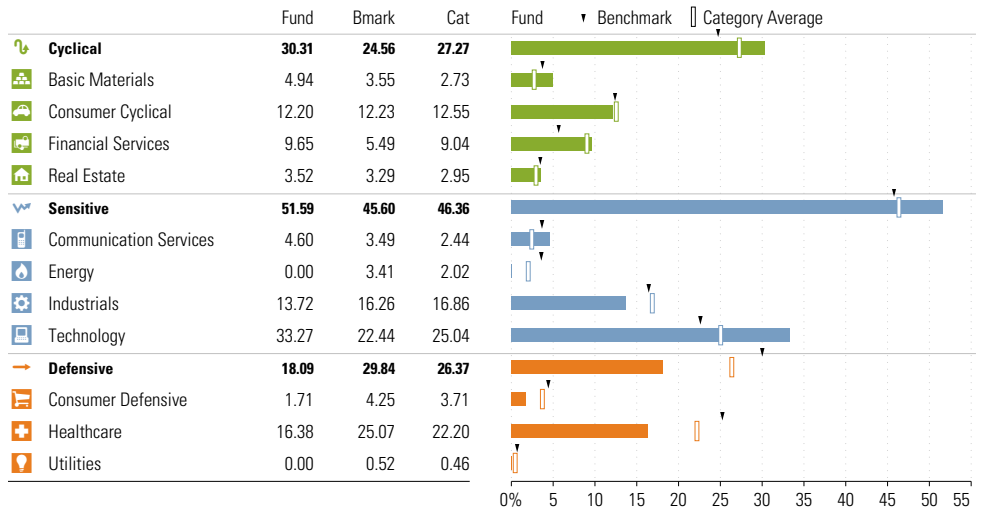


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	82.81	92.92
Non-US Stocks	12.84	4.34
Bonds	0.00	0.00
Cash	4.35	2.32
Other	0.00	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	4.35	4.35	-	-
⊖ ExlService Holdings Inc	2.11	6.45	-1.04	Technology
⊖ CACI International Inc Class A	2.08	8.54	11.91	Technology
Rapid7 Inc	2.03	10.57	-5.48	Technology
Leslies Inc Ordinary Shares	2.02	12.59	-18.17	Consumer Cyclical
⊖ WNS (Holdings) Ltd ADR	1.83	14.42	-3.09	Technology
⊕ Skechers USA Inc Class A	1.81	16.23	-6.08	Consumer Cyclical
⊕ Element Solutions Inc	1.80	18.02	-9.47	Basic Materials
Paycor HCM Inc	1.77	19.79	-	Technology
Q2 Holdings Inc	1.74	21.53	-22.39	Technology
Sensata Technologies Holding PLC	1.72	23.25	-17.57	Technology
⊕ The AZEK Co Inc Class A	1.72	24.98	-46.28	Industrials
⊕ Syneos Health Inc Class A	1.69	26.67	-21.16	Healthcare
⊕ Axalta Coating Systems Ltd	1.67	28.34	-25.79	Basic Materials
EVO Payments Inc Class A	1.66	30.00	-9.80	Technology

**Total Holdings 109**

⊕ 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)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 3.41 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.82 is 21.9% lower than the Commodities Broad Basket category average.

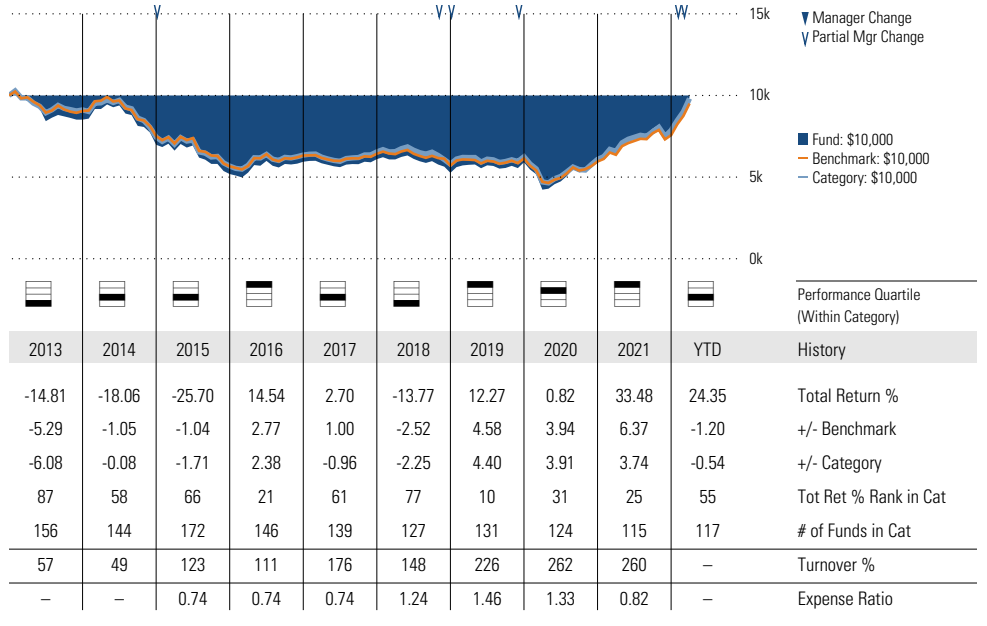
## Morningstar Investment Management LLC Analysis

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

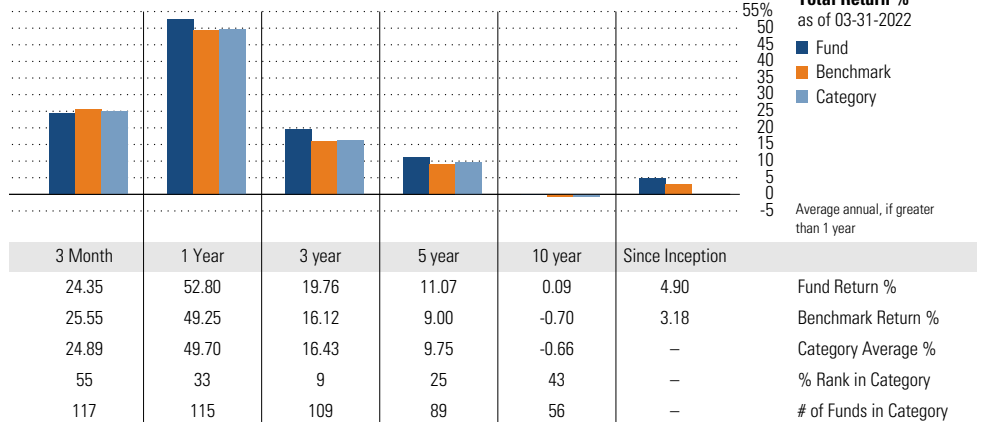
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022

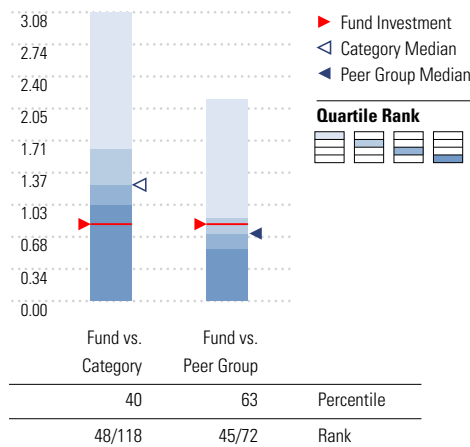
## Growth of \$10,000



## 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	1.43	-	-0.08
Beta	1.14	-	1.07
R-Squared	95.85	-	86.07
Standard Deviation	19.42	16.74	19.57
Sharpe Ratio	1.00	0.94	0.89
Tracking Error	4.56	-	7.45
Information Ratio	0.80	-	0.17
Up Capture Ratio	114.29	-	105.69
Down Capture Ratio	107.92	-	107.94

## Portfolio Metrics

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

# PIMCO Commodity Real Ret Strat Instl PCRIX

**Morningstar Category**  
Commodities Broad Basket

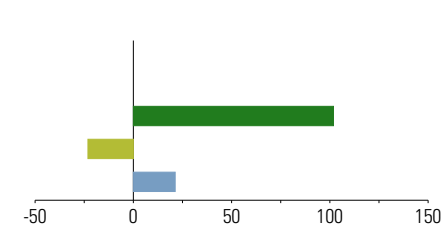
**Morningstar Index**  
Bloomberg Commodity TR USD

## Style Analysis as of 03-31-2022

Morningstar Style Box™

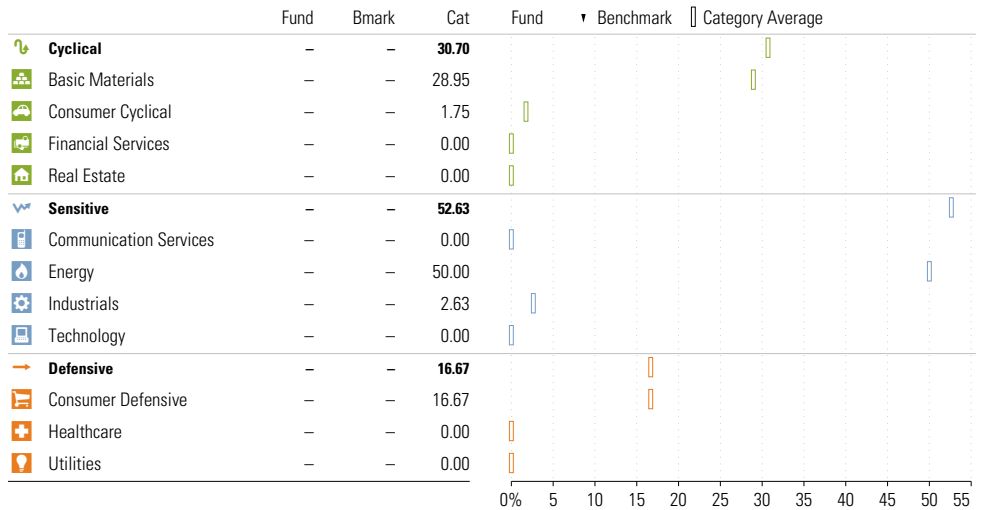


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	0.00	2.13
Non-US Stocks	0.00	0.62
Bonds	101.84	30.07
Cash	-23.11	61.26
Other	21.28	5.91
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Style Breakdown



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ U S TIPS REV REPO	25.49	25.49	-	-
⊖ Euro Schatz Future Mar 22	25.35	50.85	-	-
✳ Offset: Unsettled Trades	19.45	70.30	-	-
⊖ U S TIPS REV REPO	19.37	89.67	-	-
⊕ Pimco Cayman Cmnty Fd Ltd Instl	15.91	105.58	-	-
⊕ United States Treasury Notes 0.125%	14.22	119.80	-	-
⊖ OIS GBP SONIO/1.01250 09/20/23-0Y* LCH Pay	12.17	131.97	-	-
⊕ OIS GBP SONIO/0.90000 09/21/22-0Y* LCH Pay	12.17	144.14	-	-
⊕ OIS GBP SONIO/0.90000 09/21/22-0Y* LCH Receive	12.15	156.29	-	-
⊖ OIS GBP SONIO/1.01250 09/20/23-0Y* LCH Receive	12.15	168.44	-	-
⊕ 2 Year Treasury Note Future Mar 22	11.04	179.48	-	-
⊕ 3 Month Euribor Future Mar 23	9.61	189.10	-	-
✳ Cash Offset	9.49	198.58	-	-
⊕ United States Treasury Notes 0.125%	8.64	207.23	-	-
⊖ EUROPEAN MONETARY UNION EURO Sold	7.42	214.65	-	-

**Total Holdings 776**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# PIMCO International Bond (USD-Hdg) Instl PFORX

**Morningstar Category**  
World Bond-USD Hedged

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 7.52 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.52 is 29.73% lower than the World Bond-USD Hedged category average.

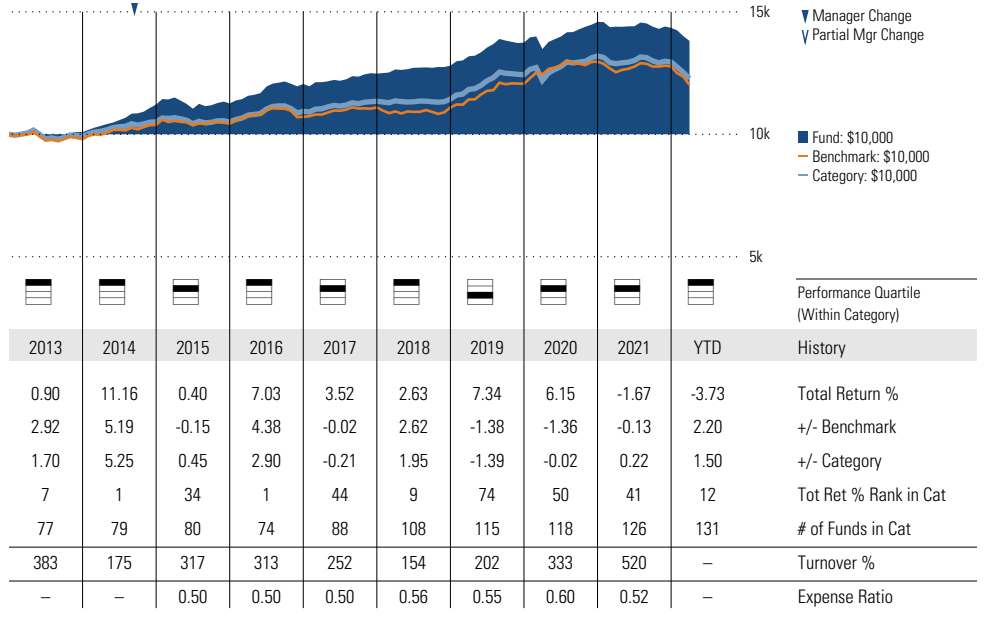
## Morningstar Investment Management LLC Analysis

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

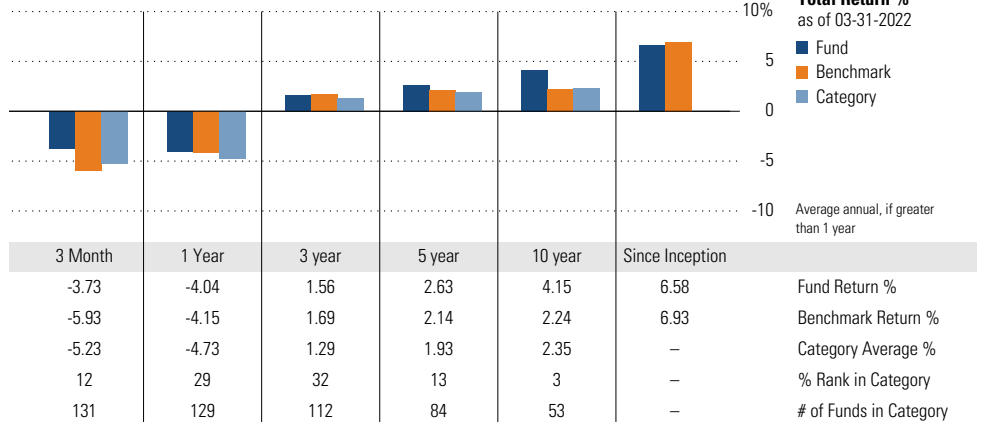
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	11-30-2021

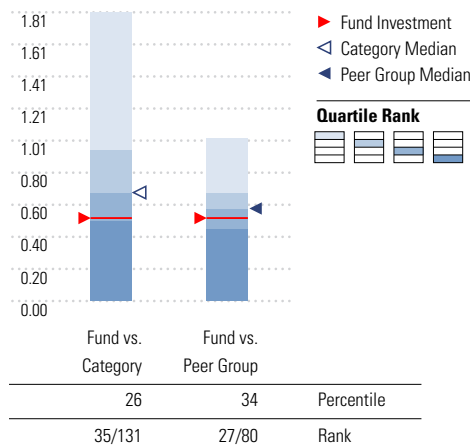
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.46	-	-0.07
Beta	0.66	-	0.92
R-Squared	48.88	-	54.93
Standard Deviation	3.82	4.03	5.10
Sharpe Ratio	0.25	0.27	0.15
Tracking Error	3.05	-	3.60
Information Ratio	-0.04	-	-0.11
Up Capture Ratio	80.16	-	106.75
Down Capture Ratio	75.75	-	114.83

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.92	4.43	7.04
Avg Eff Maturity	8.12	-	8.71

# PIMCO International Bond (USD-Hdg) Instl PFORX

**Morningstar Category**  
World Bond-USD Hedged

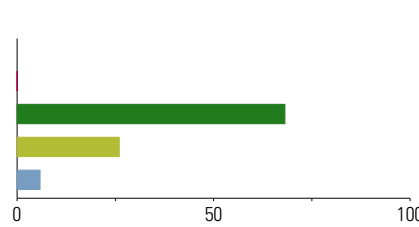
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

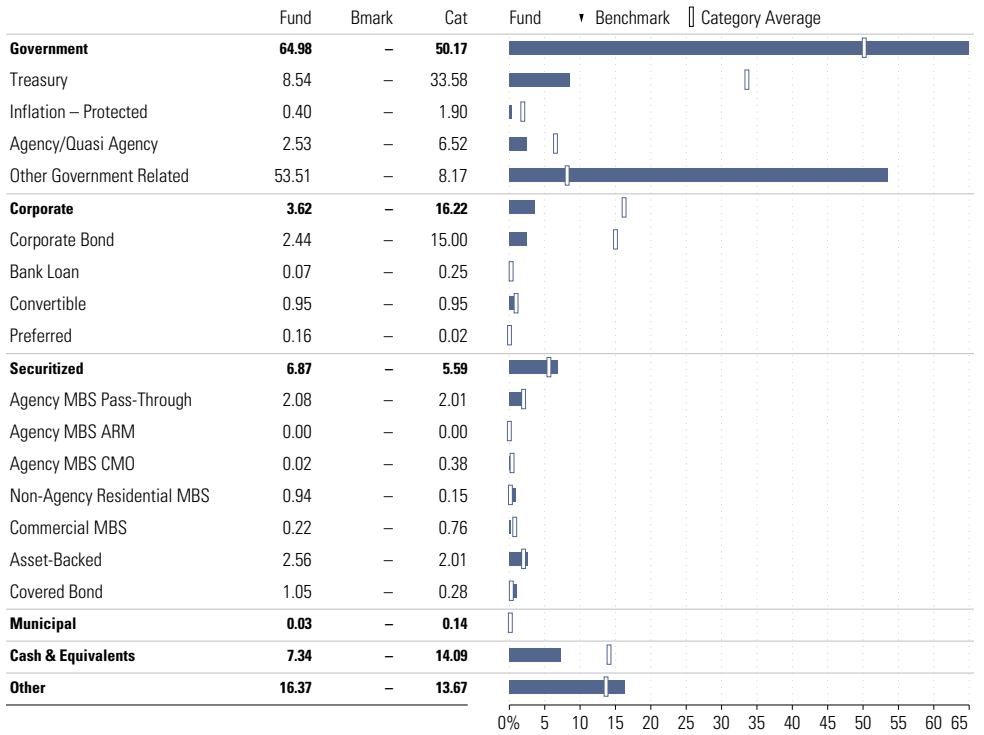


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.04	0.00
Bonds	68.14	83.88
Cash	25.99	14.59
Other	5.84	1.53
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	20.59	3.53	25.05
AA	11.82	74.59	12.21
A	40.15	10.82	26.05
BBB	20.60	8.32	20.57
BB	2.63	0.28	5.51
B	1.17	0.00	2.70
Below B	3.04	0.00	0.34
Not Rated	0.00	2.46	7.56

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ IRS USD R 3ML/1ML+9.125 03/18/21-22 CME Pay	03-2022	22.36	22.36	-
⊕ IRS USD R 3ML/1ML+9.125 03/18/21-22 CME Receive	03-2022	22.36	44.72	-
✱ Cash Offset	-	19.02	63.74	-
⊕ IRS EUR -0.25000 03/16/22-5Y LCH Pay	03-2027	14.36	78.10	-
⊕ IRS EUR -0.25000 03/16/22-5Y LCH Receive	03-2027	14.12	92.22	-
⊖ JAPANESE YEN Sold	01-2022	13.93	106.15	-
⊖ JAPANESE YEN Purchased	01-2022	13.93	120.08	-
⊕ IRS EUR 0.25000 03/16/22-10Y LCH Pay	03-2032	13.65	133.73	-
⊕ IRS EUR 0.25000 03/16/22-10Y LCH Receive	03-2032	13.52	147.25	-
⊕ Euro Schatz Future Mar 22	03-2022	13.32	160.57	-

**Total Holdings 1834**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 5.93 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95% lower than the Large Blend category average.

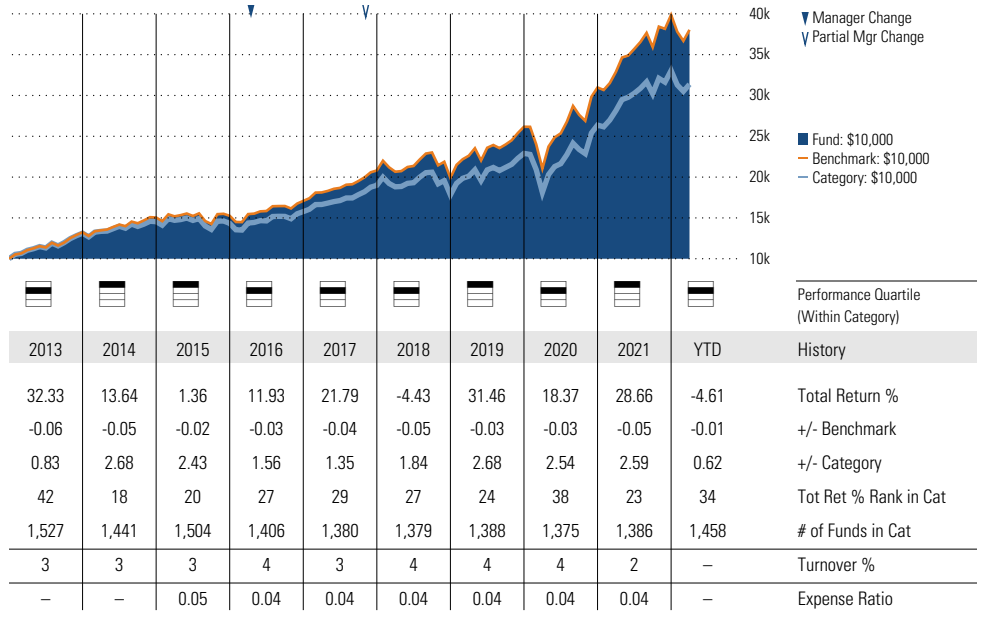
## Morningstar Investment Management LLC Analysis

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

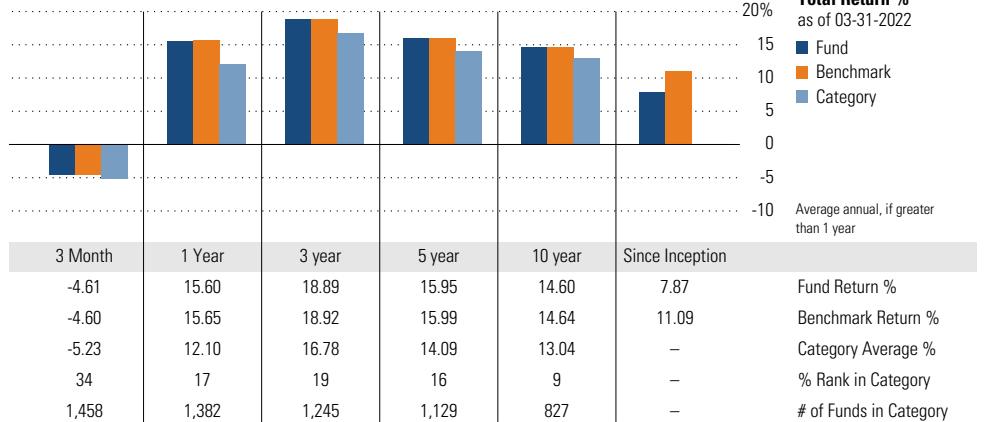
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

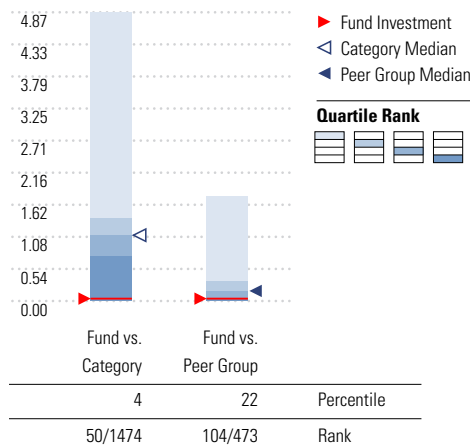
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.03	-	-1.71
Beta	1.00	-	0.97
R-Squared	100.00	-	94.89
Standard Deviation	17.76	17.76	17.68
Sharpe Ratio	1.03	1.03	0.90
Tracking Error	0.01	-	3.80
Information Ratio	-3.29	-	-1.26
Up Capture Ratio	99.94	-	93.27
Down Capture Ratio	100.07	-	99.84

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.92	21.92	22.24
Price/Book Ratio	4.23	4.23	4.92
Geom Avg Mkt Cap \$B	219.03	218.88	246.43
ROE	33.47	33.46	34.56

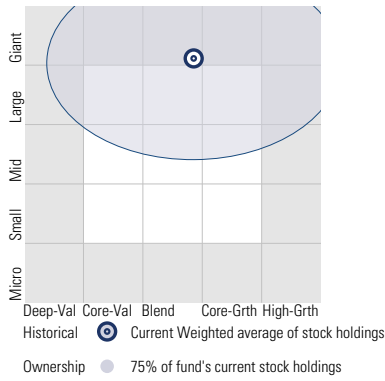
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

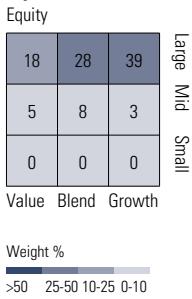
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 03-31-2022

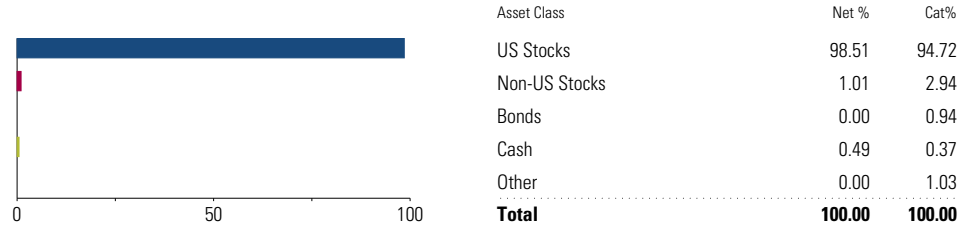
Morningstar Style Box™



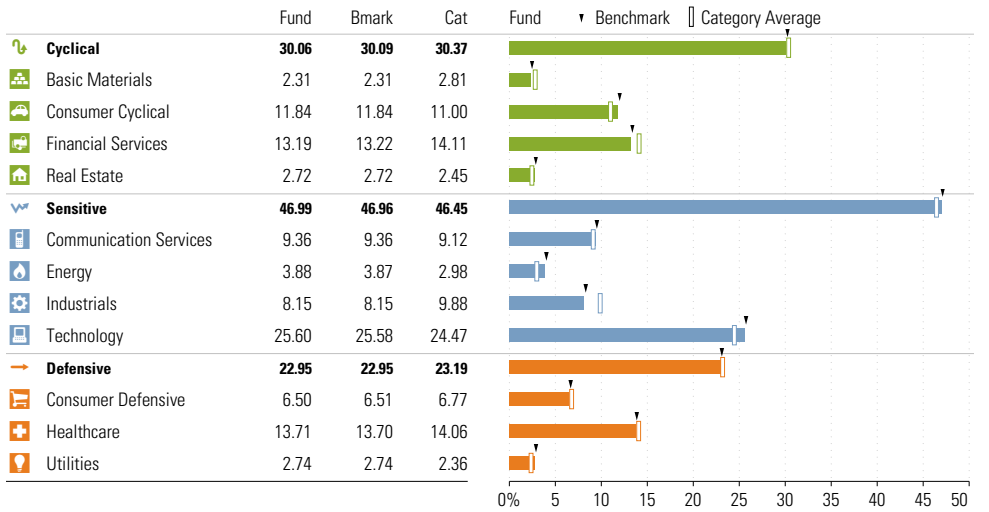
## Style Breakdown



## Asset Allocation as of 03-31-2022



## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.04	7.04	-1.54	Technology
⊕ Microsoft Corp	6.01	13.05	-8.14	Technology
⊕ Amazon.com Inc	3.71	16.76	-2.23	Consumer Cyclical
⊕ Tesla Inc	2.35	19.11	1.97	Consumer Cyclical
⊕ Alphabet Inc Class A	2.17	21.28	-3.99	Communication Svc
⊕ Alphabet Inc Class C	2.02	23.30	-3.48	Communication Svc
⊕ NVIDIA Corp	1.77	25.07	-7.21	Technology
⊕ Berkshire Hathaway Inc Class B	1.68	26.75	18.03	Financial Services
⊖ Meta Platforms Inc Class A	1.34	28.09	-33.89	Communication Svc
⊕ UnitedHealth Group Inc	1.25	29.34	1.85	Healthcare
⊕ Johnson & Johnson	1.21	30.55	4.22	Healthcare
⊕ JPMorgan Chase & Co	1.05	31.60	-13.28	Financial Services
⊖ Procter & Gamble Co	0.95	32.55	-6.06	Consumer Defensive
⊖ Visa Inc Class A	0.95	33.50	2.51	Financial Services
⊕ Exxon Mobil Corp	0.91	34.41	36.41	Energy

**Total Holdings 508**

⊕ 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 14.13 years.

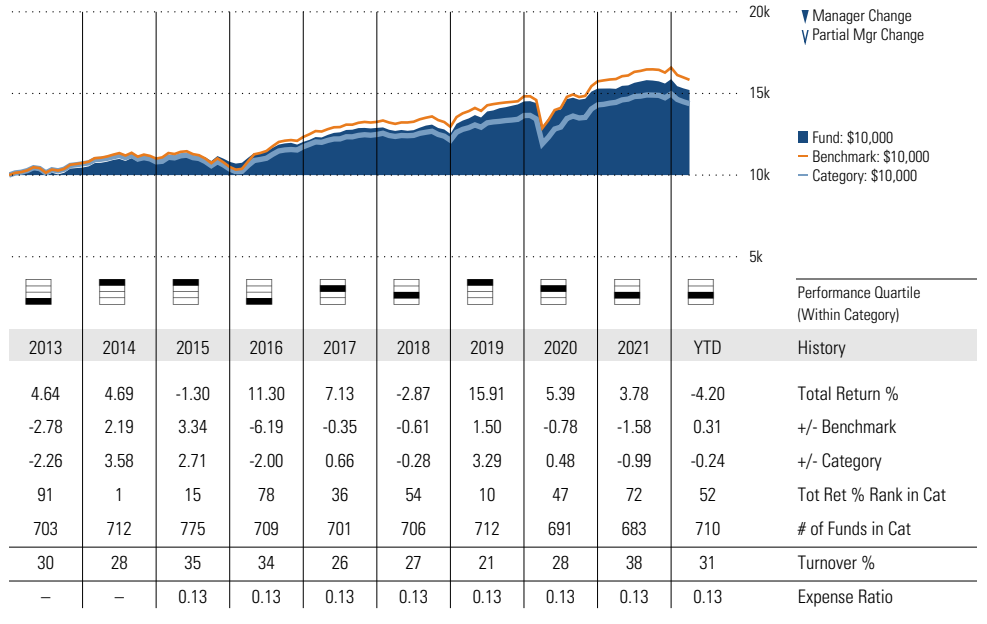
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.13 is 85.87% lower than the High Yield Bond category average.

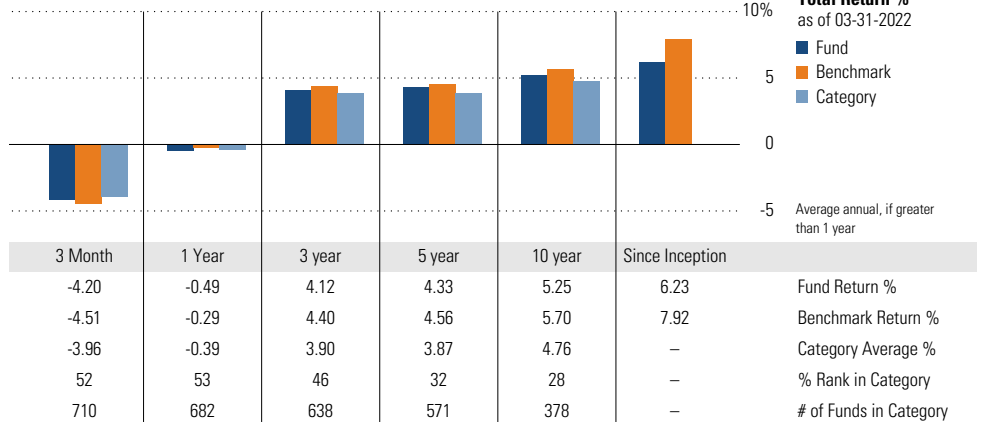
**Morningstar Investment Management LLC Analysis**

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.

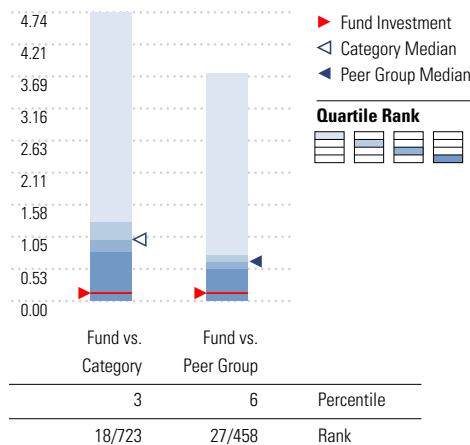
**Growth of \$10,000**



**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	0.30	-	-0.26
Beta	0.86	-	0.97
R-Squared	97.98	-	95.71
Standard Deviation	7.99	9.23	9.15
Sharpe Ratio	0.46	0.44	0.41
Tracking Error	1.74	-	2.20
Information Ratio	-0.16	-	-0.21
Up Capture Ratio	87.45	-	94.11
Down Capture Ratio	84.02	-	96.34

**Portfolio Metrics**

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.80	-	3.65
Avg Eff Maturity	4.50	-	5.52

# Vanguard High-Yield Corporate Adm VWEAX

**Morningstar Category**  
High Yield Bond

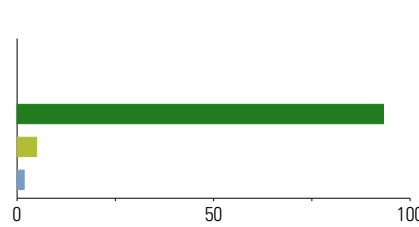
**Morningstar Index**  
ICE BofA US High Yield TR USD

**Style Analysis** as of 03-31-2022

**Style Breakdown**



**Asset Allocation** as of 03-31-2022

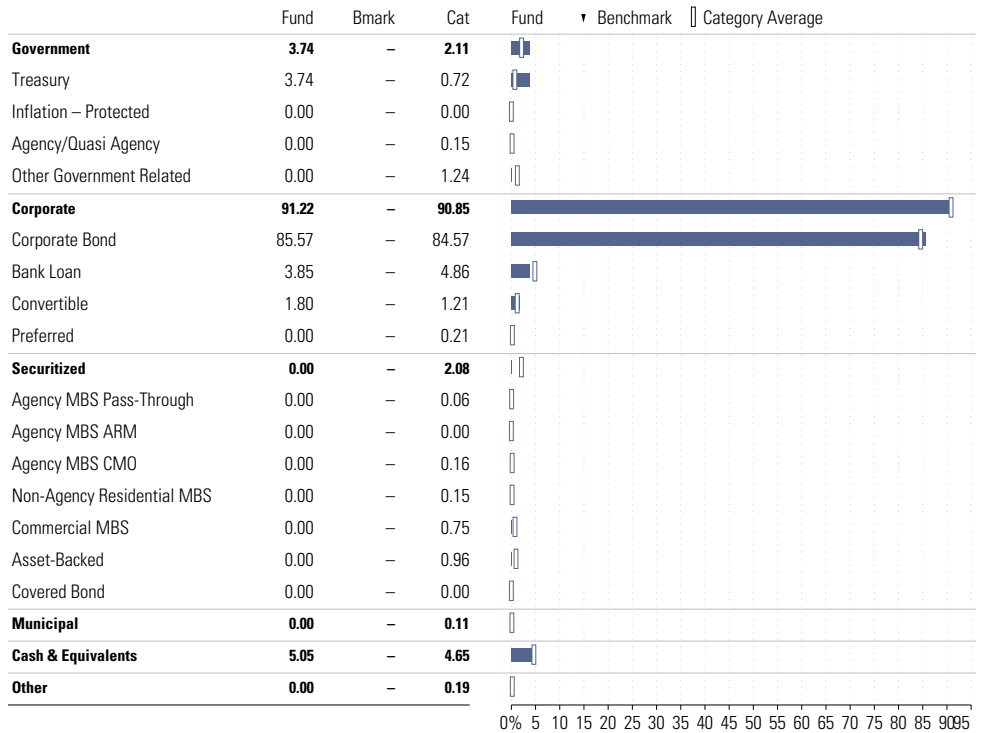


Asset Class	Net %	Cat%
US Stocks	0.00	1.06
Non-US Stocks	0.00	0.00
Bonds	93.22	94.30
Cash	4.97	2.82
Other	1.80	1.82
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	5.33	-	1.18
AA	-0.05	-	0.05
A	0.00	-	0.13
BBB	4.89	-	3.99
BB	53.73	-	36.62
B	28.78	-	35.10
Below B	5.10	-	20.49
Not Rated	2.22	-	2.43

**Sector Weighting** as of 03-31-2022



**Top 10 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
T-Mobile US, Inc.	-	1.08	1.08	-
United States Treasury Notes	-	0.94	2.02	-
United States Treasury Notes	-	0.94	2.96	-
United States Treasury Notes	-	0.93	3.89	-
United States Treasury Notes	-	0.93	4.83	-
⊕ United States Treasury Notes	-	0.93	5.76	-
Imola Merger Corporation	-	0.84	6.60	-
⊕ Euro	-	0.78	7.38	-
HCA Inc.	-	0.74	8.12	-
Mozart Debt Merger Subordinated Incorporated	-	0.73	8.85	-

**Total Holdings 631**

⊕ 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)

John Madziyire since 11-2021

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 10.62 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 83.05% lower than the Inflation-Protected Bond category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022

## 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	0.35	-	0.12
Beta	0.93	-	0.89
R-Squared	98.69	-	78.62
Standard Deviation	4.05	4.33	4.52
Sharpe Ratio	1.33	1.27	1.17
Tracking Error	0.56	-	2.27
Information Ratio	-0.15	-	-0.47
Up Capture Ratio	94.98	-	89.99
Down Capture Ratio	88.91	-	89.93

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.50	4.52	6.20
Avg Eff Maturity	7.90	-	6.87

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

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

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

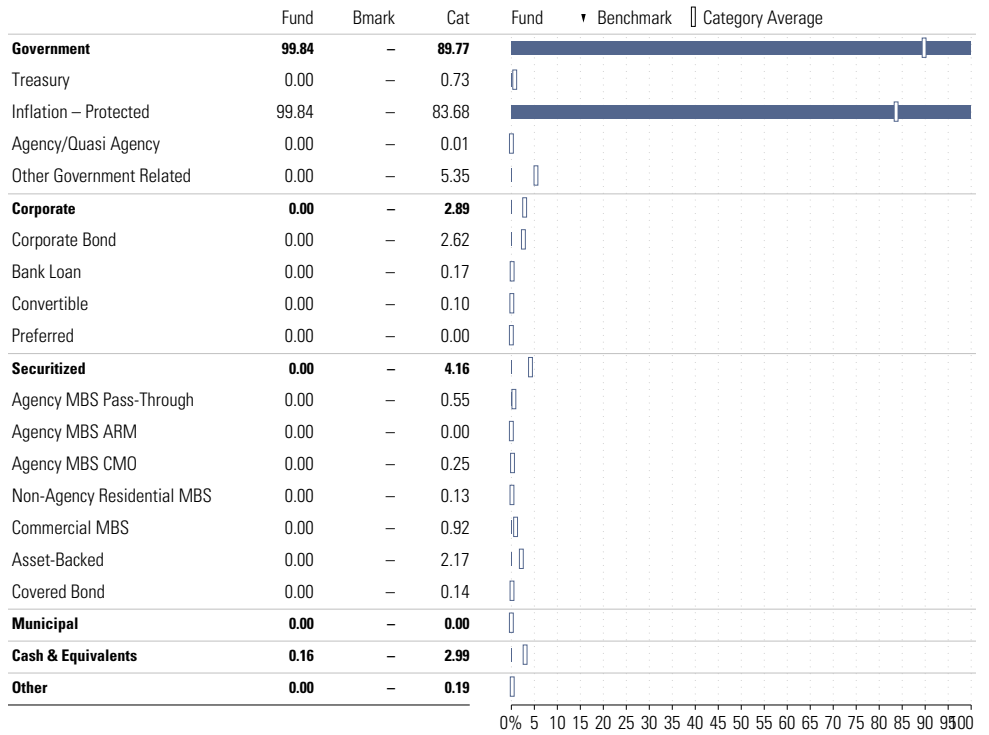


Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	99.84	97.98
Cash	0.16	1.52
Other	0.00	0.43
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	99.85	0.00	96.97
AA	0.00	99.60	0.27
A	0.00	0.00	0.47
BBB	0.00	0.00	0.87
BB	0.00	0.00	0.20
B	0.00	0.00	0.13
Below B	0.00	0.00	0.07
Not Rated	0.15	0.40	1.02

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

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

**Total Holdings 47**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard International 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  
James Gautrey since 12-2020  
Lawrence Burns since 12-2020

## Quantitative Screens

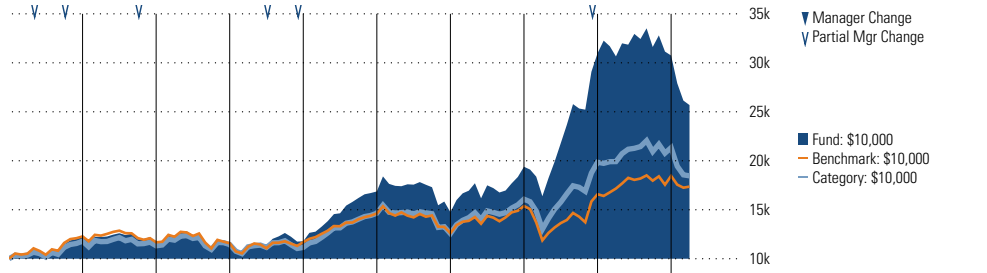
✔ **Performance:** The fund has finished in the Foreign Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 19.16 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 69.81% lower than the Foreign Large Growth category average.

## Growth of \$10,000



2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
23.12	-5.51	-0.54	1.84	43.16	-12.58	31.48	59.74	-0.74	-16.45	Total Return %
0.34	-0.61	0.27	0.84	18.13	1.21	9.47	51.92	-12.00	-10.54	+/- Benchmark
4.54	-1.59	-1.49	3.98	12.29	1.50	3.65	34.26	-8.43	-3.02	+/- Category
15	65	67	12	6	31	22	4	89	78	Tot Ret % Rank in Cat
378	377	392	381	394	406	411	434	452	471	# of Funds in Cat
31	21	29	29	15	16	13	20	25	—	Turnover %
—	—	0.34	0.33	0.32	0.32	0.32	0.33	0.32	—	Expense Ratio

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

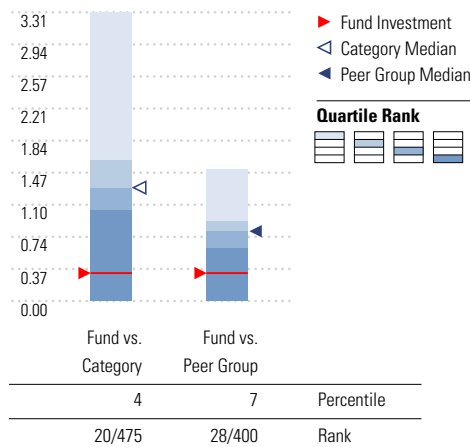
Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
Carbon Risk Score	Low Risk	12-31-2021

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-16.45	-16.21	14.87	14.11	10.48	8.38	Fund Return %
-5.91	1.16	7.78	6.72	6.27	8.54	Benchmark Return %
-13.43	-6.83	9.62	8.92	7.29	—	Category Average %
78	89	6	2	3	—	% Rank in Category
471	454	390	340	228	—	# 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	7.02	—	2.26
Beta	1.01	—	0.91
R-Squared	67.47	—	79.65
Standard Deviation	21.28	17.23	17.74
Sharpe Ratio	0.72	0.48	0.55
Tracking Error	12.14	—	8.20
Information Ratio	0.58	—	0.19
Up Capture Ratio	116.70	—	101.72
Down Capture Ratio	89.99	—	95.46

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	25.04	14.30	20.85
Price/Book Ratio	4.27	1.73	3.26
Geom Avg Mkt Cap \$B	86.57	47.32	54.00
ROE	18.94	18.89	21.88

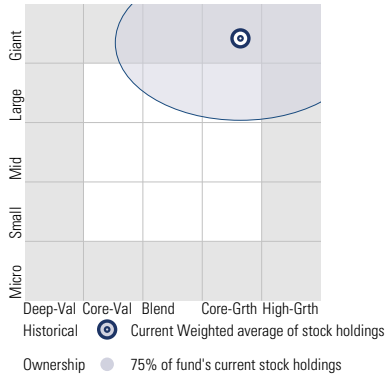
# Vanguard International Growth Adm VWILX

**Morningstar Category**  
Foreign Large Growth

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2022

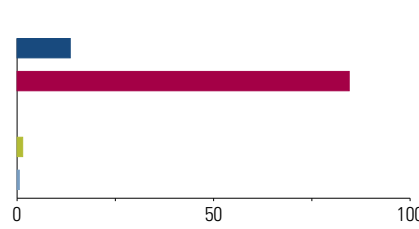
Morningstar Style Box™



## Style Breakdown

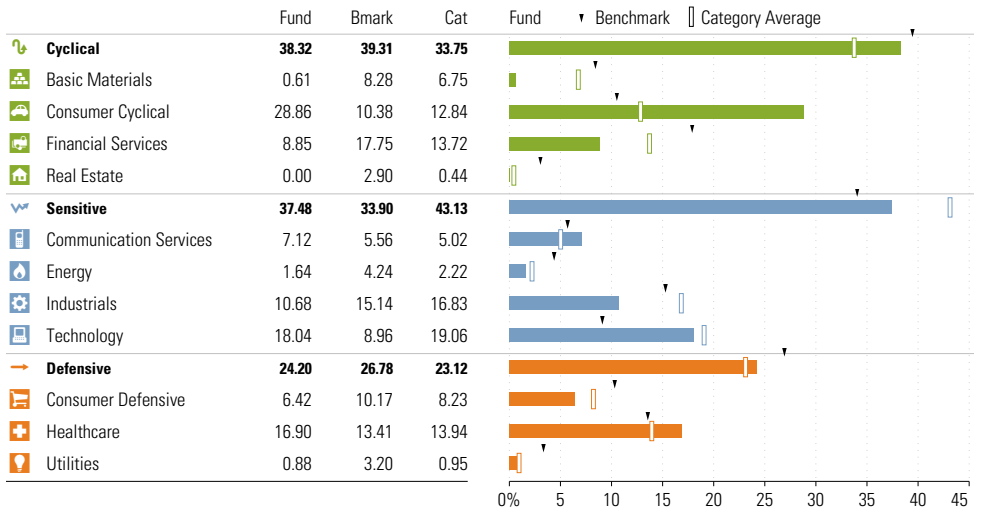


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	13.52	8.16
Non-US Stocks	84.50	88.72
Bonds	0.00	0.09
Cash	1.42	2.70
Other	0.56	0.33
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	29.65	26.85	Americas	19.97	14.92	Greater Europe	50.39	58.22	Developed Markets	80.21
Japan	7.83	11.75	North America	15.21	13.10	United Kingdom	5.84	10.13	Emerging Markets	19.79
Australasia	0.58	1.58	Central/Latin	4.76	1.82	W euro-ex UK	44.27	46.80	Not Available	0.00
Asia-4 Tigers	6.21	6.52				Emrgng Europe	0.00	0.44		
Asia-ex 4 Tigers	15.03	7.00				Africa	0.28	0.85		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
ASML Holding NV	6.29	6.29	-13.68	Technology
MercadoLibre Inc	4.25	10.55	-11.79	Consumer Cyclical
Tencent Holdings Ltd	4.05	14.60	-21.54	Communication Svc
Moderna Inc	3.84	18.44	-32.18	Healthcare
Adyen NV	3.60	22.04	-21.74	Technology
Kering SA	3.42	25.46	-18.06	Consumer Cyclical
Tesla Inc	3.27	28.73	1.97	Consumer Cyclical
Taiwan Semiconductor Manufacturing Co Ltd	3.24	31.97	-2.48	Technology
Spotify Technology SA	2.37	34.34	-35.47	Communication Svc
Illumina Inc	2.26	36.60	-8.16	Healthcare

**Total Holdings 148**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

**Management:** The fund's management has been in place for 11.85 years.

**Style:** The fund has landed in its primary style box — Large Value — 91.67 % of the time over the past three years.

**Net Expense:** The fund's expense ratio of 0.36 is 63.64% lower than the Foreign Large Value category average.

## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022
Carbon Risk Score	Medium Risk	12-31-2021

## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.99	-	-1.53
Beta	1.09	-	1.08
R-Squared	92.28	-	89.57
Standard Deviation	19.48	17.23	19.73
Sharpe Ratio	0.41	0.48	0.39
Tracking Error	5.61	-	6.79
Information Ratio	-0.12	-	-0.22
Up Capture Ratio	104.19	-	103.11
Down Capture Ratio	108.79	-	110.65

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	15.19	14.30	10.50
Price/Book Ratio	1.61	1.73	1.25
Geom Avg Mkt Cap \$B	32.77	47.32	36.03
ROE	13.24	18.89	15.85

# Vanguard International Value Inv VTRIX

**Morningstar Category**  
Foreign Large Value

**Morningstar Index**  
MSCI EAFE NR USD

## Style Analysis as of 03-31-2022

Morningstar Style Box™



## Style Breakdown

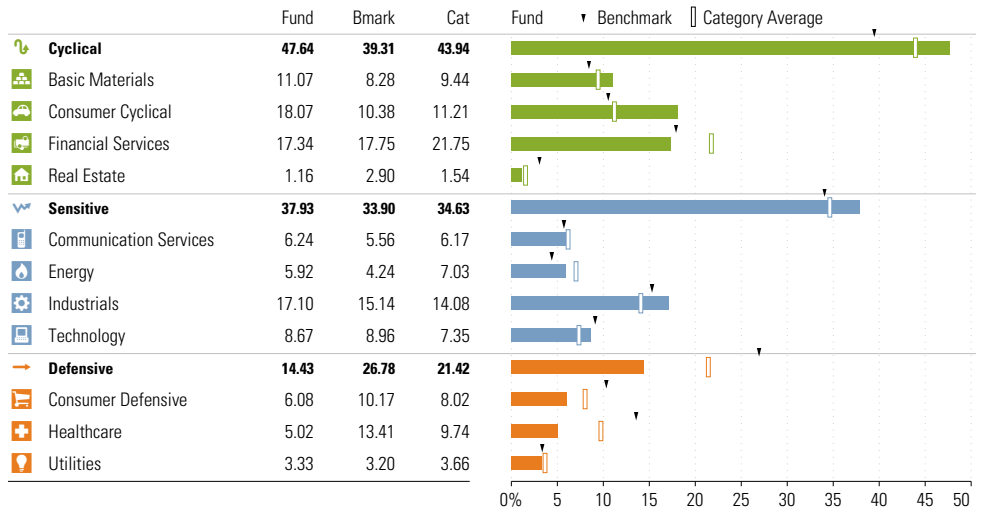


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	5.47	2.88
Non-US Stocks	88.61	95.21
Bonds	0.00	-0.01
Cash	5.93	1.85
Other	0.00	0.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## World Regions % Equity 03-31-2022



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	35.90	30.35	Americas	11.26	8.94	Greater Europe	52.83	60.70	Developed Markets	82.09
Japan	10.34	16.92	North America	7.77	7.66	United Kingdom	17.85	18.38	Emerging Markets	17.91
Australasia	1.21	3.21	Central/Latin	3.49	1.28	W euro-ex UK	33.69	41.37	Not Available	0.00
Asia-4 Tigers	11.15	7.34				Emrgng Europe	0.24	0.33		
Asia-ex 4 Tigers	13.20	2.88				Africa	1.05	0.62		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Mktliq 12/31/2049	5.48	5.48	-	-
⊕ Alibaba Group Holding Ltd Ordinary Shares	1.37	6.85	-5.61	Consumer Cyclical
⊕ Compass Group PLC	1.32	8.17	0.79	Consumer Cyclical
⊕ Novartis AG	1.23	9.40	3.72	Healthcare
⊕ SK Hynix Inc	1.18	10.58	-	Technology
⊕ RELX PLC	1.15	11.73	-0.79	Communication Svc
⊖ Compagnie Financiere Richemont SA	1.14	12.87	-13.84	Consumer Cyclical
⊕ Holcim Ltd	1.10	13.97	-2.62	Basic Materials
⊕ HSBC Holdings PLC	1.08	15.06	20.16	Financial Services
⊖ Samsung Electronics Co Ltd	1.08	16.14	-	Technology

**Total Holdings 239**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--30% to 50% Equity category's top three quartiles in 9 of the 10 years it's been in existence.

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

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

✔ **Net Expense:** The fund's expense ratio of 0.12 is 87.5% lower than the Allocation--30% to 50% Equity category average.

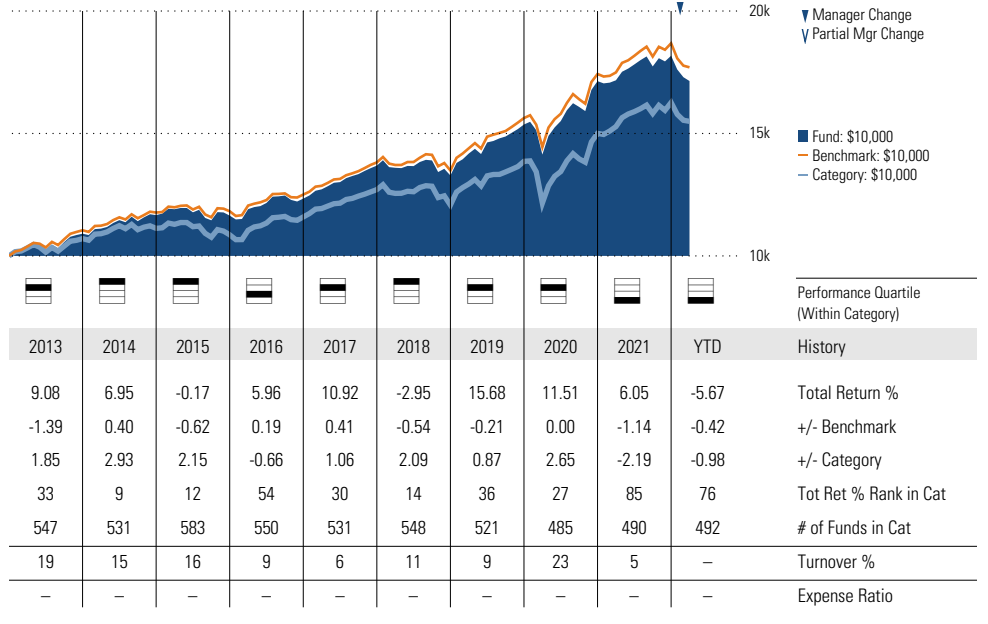
## Morningstar Investment Management LLC Analysis

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

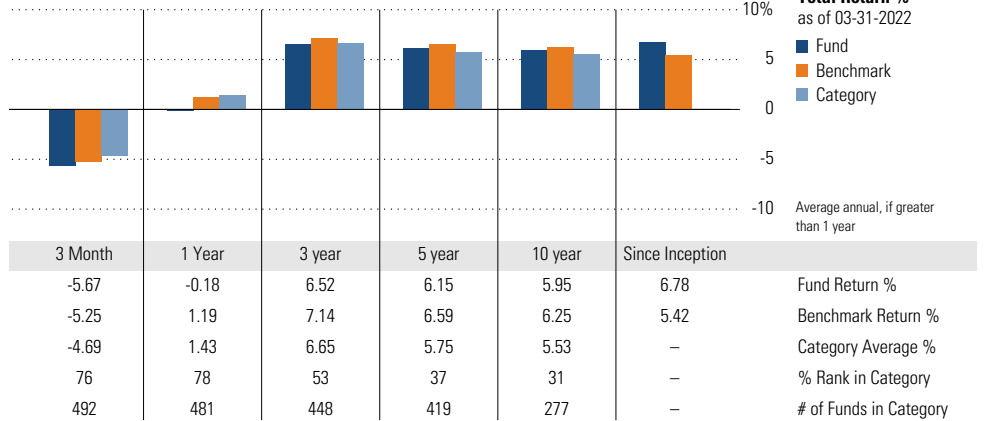
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022

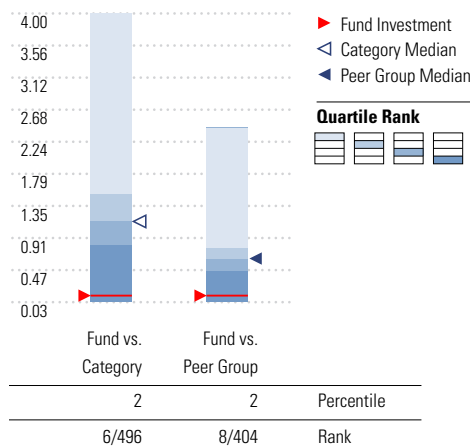
## Growth of \$10,000



## 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	-0.61	-	-1.35
Beta	1.01	-	1.10
R-Squared	99.12	-	91.44
Standard Deviation	7.74	7.66	8.80
Sharpe Ratio	0.77	0.85	0.68
Tracking Error	0.73	-	2.77
Information Ratio	-0.84	-	-0.31
Up Capture Ratio	97.25	-	101.09
Down Capture Ratio	102.65	-	112.70

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.89	18.48	18.34
Price/Book Ratio	2.49	2.91	2.98
Avg Eff Duration	7.25	6.36	5.11

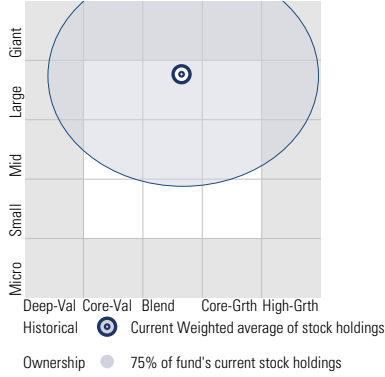
# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

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

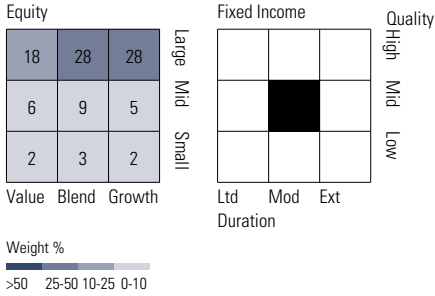
**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Style Analysis as of 03-31-2022

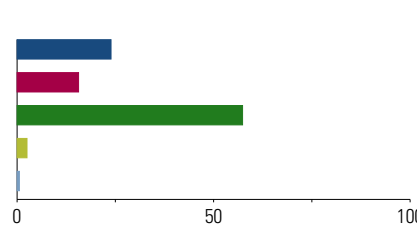
Morningstar Style Box™



## Style Breakdown

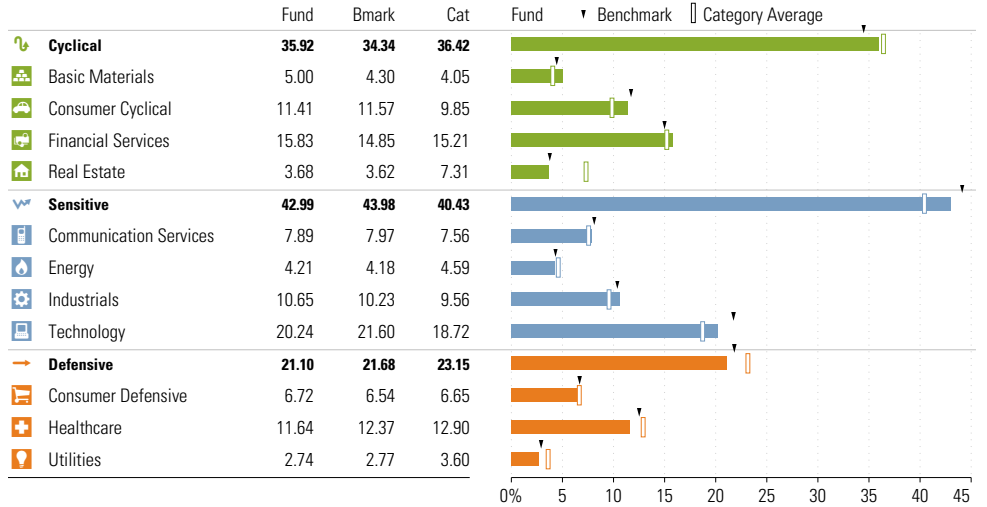


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	23.90	27.84
Non-US Stocks	15.64	7.42
Bonds	57.37	51.42
Cash	2.52	6.64
Other	0.58	6.69
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 7 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	40.74	40.74	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	24.12	64.86	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	15.99	80.84	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	15.95	96.79	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.90	98.69	—	—
⊖ Mktliq 12/31/2049	—	1.31	100.01	—	—
⊖ Us Dollar	—	0.01	100.02	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Growth Inv VASGX

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

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

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

✔ **Net Expense:** The fund's expense ratio of 0.14 is 86.27% lower than the Allocation--70% to 85% Equity category average.

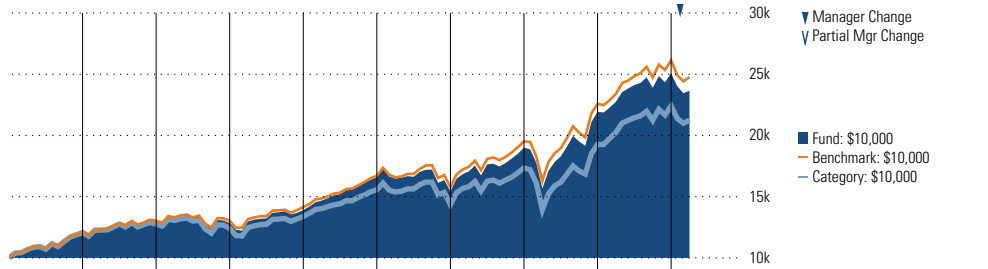
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

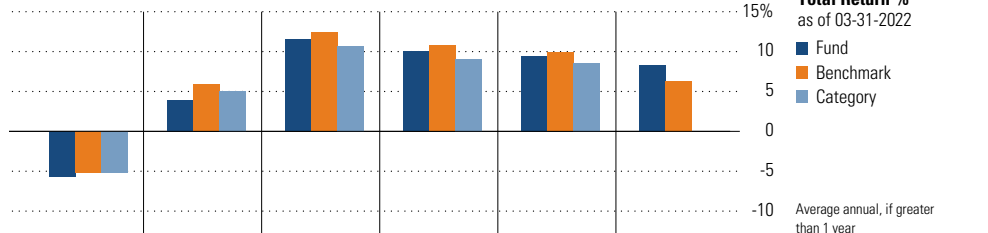
Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

## Growth of \$10,000



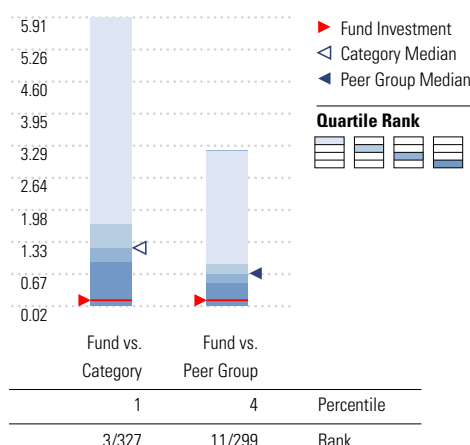
	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
	21.20	7.18	-1.17	8.33	19.21	-6.90	23.13	15.45	14.35	-5.72	History
	-0.07	-0.32	-1.14	-0.23	1.18	-1.37	-0.54	-0.33	-1.30	-0.54	Total Return %
	-0.11	1.47	1.60	0.40	3.41	1.03	1.78	1.94	-2.15	-0.57	+/- Benchmark
	53	20	30	34	20	34	32	27	70	56	+/- Category
	396	390	405	360	331	336	327	316	322	322	Tot Ret % Rank in Cat
	9	10	13	5	6	10	6	13	4	-	# of Funds in Cat
	-	-	-	-	-	-	-	-	-	-	Turnover %
	-	-	-	-	-	-	-	-	-	-	Expense Ratio

## Trailing Performance



	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2022
	-5.72	3.96	11.51	10.01	9.41	8.34	Fund
	-5.18	5.89	12.40	10.77	9.89	6.32	Benchmark
	-5.15	5.06	10.70	9.08	8.58	-	Category
	56	60	35	29	26	-	Average annual, if greater than 1 year
	322	315	288	265	199	-	

## 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	-1.01	-	-1.79
Beta	1.02	-	1.03
R-Squared	99.40	-	94.25
Standard Deviation	14.20	13.88	14.79
Sharpe Ratio	0.79	0.86	0.73
Tracking Error	1.13	-	3.50
Information Ratio	-0.78	-	-0.54
Up Capture Ratio	98.78	-	97.52
Down Capture Ratio	103.58	-	106.75

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	16.92	18.30	17.94
Price/Book Ratio	2.50	2.86	2.80
Avg Eff Duration	7.25	6.36	5.08

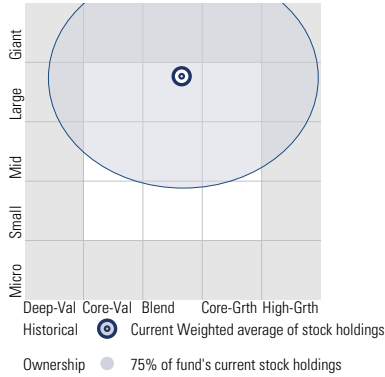
# Vanguard LifeStrategy Growth Inv VASGX

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

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

## Style Analysis as of 03-31-2022

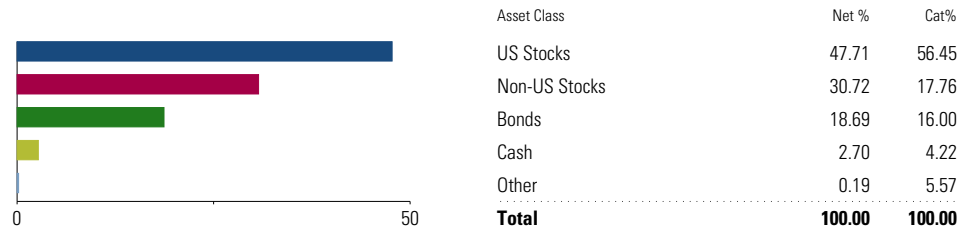
Morningstar Style Box™



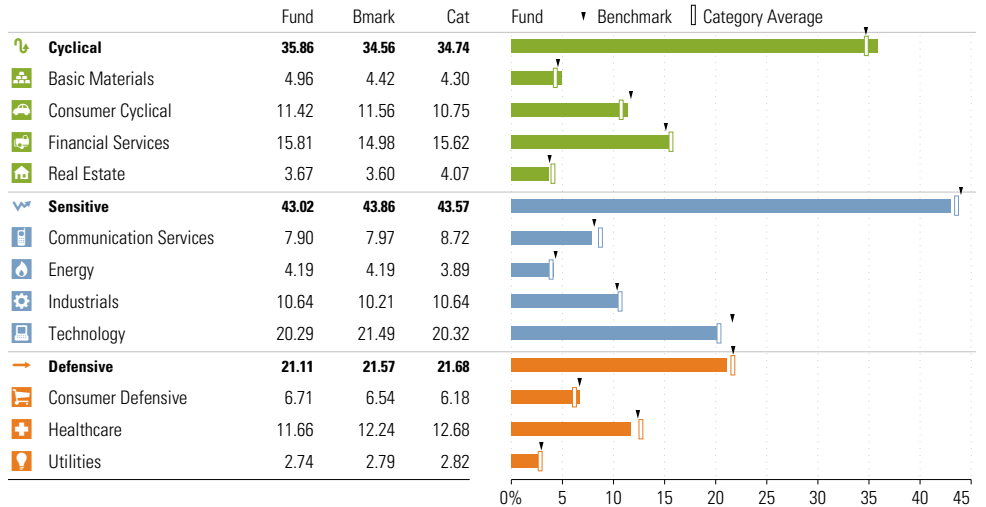
## Style Breakdown



## Asset Allocation as of 03-31-2022



## Sector Weighting as of 03-31-2022



## Top 7 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt Idx Inv	—	48.15	48.15	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	31.30	79.45	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	13.28	92.73	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	4.87	97.59	—	—
⊖ Mktliq 12/31/2049	—	1.45	99.05	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	0.95	99.99	—	—
⊖ Us Dollar	—	0.01	100.00	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Income Inv VASIX

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

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

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

✔ **Net Expense:** The fund's expense ratio of 0.11 is 88.78% lower than the Allocation--15% to 30% Equity category average.

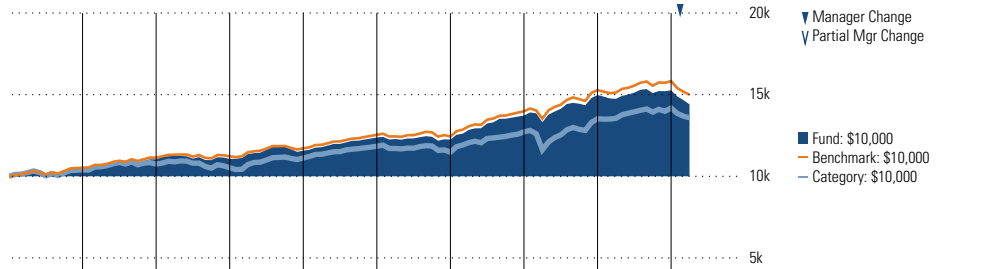
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

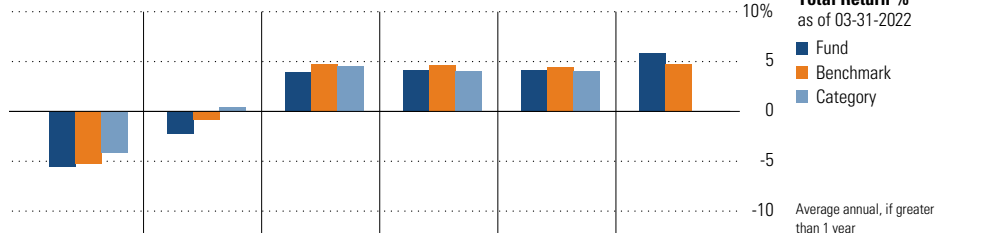
Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022

## Growth of \$10,000



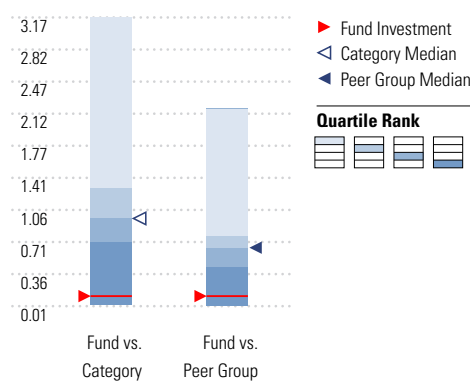
Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
Total Return %	3.40	6.76	0.22	4.58	6.98	-1.05	12.05	9.13	1.92	-5.61	History
+/- Benchmark	-1.84	0.92	-0.51	0.17	-0.06	-0.24	-0.38	-0.13	-1.69	-0.35	
+/- Category	-0.62	3.22	2.29	-0.97	0.73	2.09	0.85	1.84	-3.12	-1.44	
Tot Ret % Rank in Cat	68	4	8	65	49	11	35	27	90	80	
# of Funds in Cat	218	222	240	219	194	191	192	188	197	197	
Turnover %	25	12	14	4	4	9	6	17	7	-	
Expense Ratio	-	-	-	-	-	-	-	-	-	-	

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2022
Fund Return %	-5.61	-2.29	3.90	4.11	4.11	5.90	Fund
Benchmark Return %	-5.26	-0.86	4.72	4.68	4.49	4.79	Benchmark
Category Average %	-4.17	0.41	4.56	4.02	4.09	-	Category
% Rank in Category	80	88	68	49	45	-	
# of Funds in Category	197	193	178	167	116	-	

## 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	-0.64	-	-0.89
Beta	0.97	-	1.13
R-Squared	97.03	-	84.56
Standard Deviation	5.05	5.13	6.38
Sharpe Ratio	0.65	0.80	0.60
Tracking Error	0.88	-	2.72
Information Ratio	-0.92	-	-0.22
Up Capture Ratio	90.39	-	104.76
Down Capture Ratio	97.40	-	116.22

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.76	19.11	18.33
Price/Book Ratio	2.46	3.07	2.80
Avg Eff Duration	7.26	6.36	3.46

# Vanguard LifeStrategy Income Inv VASIX

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

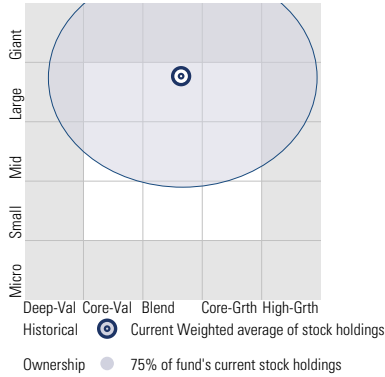
**Morningstar Index**

Morningstar US Con Tgt Alloc NR USD

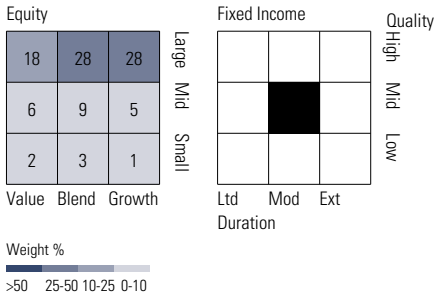
Equity

## Style Analysis as of 03-31-2022

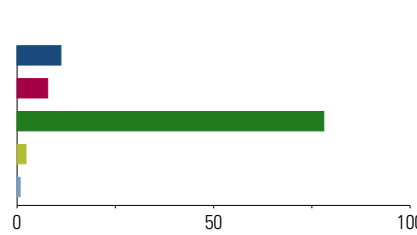
Morningstar Style Box™



## Style Breakdown

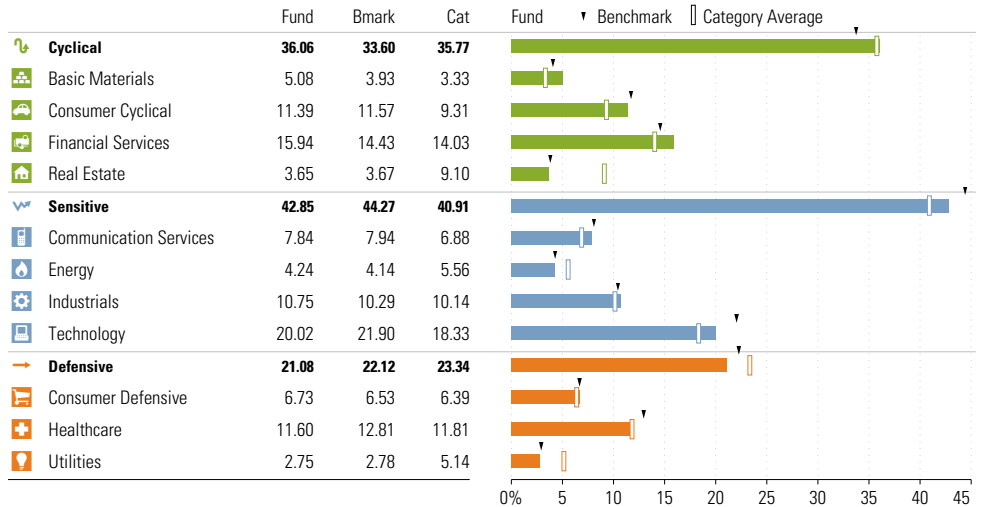


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	11.15	12.13
Non-US Stocks	7.79	2.56
Bonds	78.04	69.75
Cash	2.26	10.54
Other	0.77	5.04
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 7 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	—	55.31	55.31	—	—
⊖ Vanguard Total Intl Bd Idx Investor	—	22.74	78.05	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	11.25	89.30	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	7.95	97.25	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.70	98.95	—	—
⊖ Mktliq 12/31/2049	—	1.08	100.04	—	—
⊕ Us Dollar	—	0.04	100.07	—	—

## Total Holdings 7

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

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

## Portfolio Manager(s)

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

## Quantitative Screens

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

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

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

✔ **Net Expense:** The fund's expense ratio of 0.13 is 87.38% lower than the Allocation--50% to 70% Equity category average.

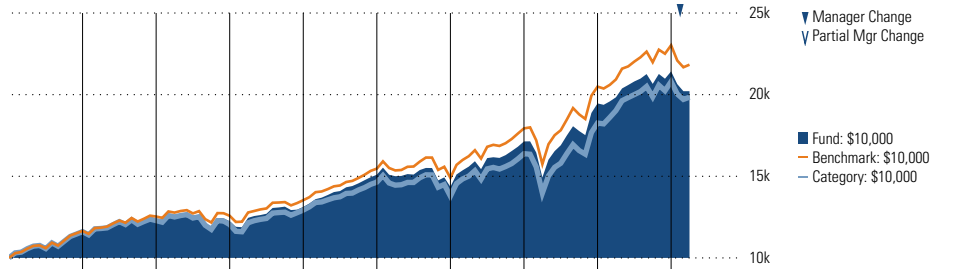
## Morningstar Investment Management LLC Analysis

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

## ESG Metrics

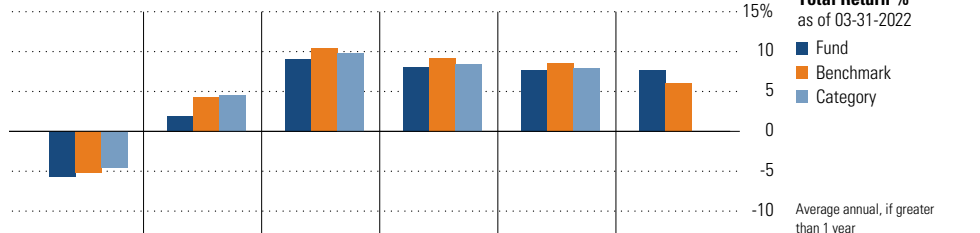
Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

## Growth of \$10,000



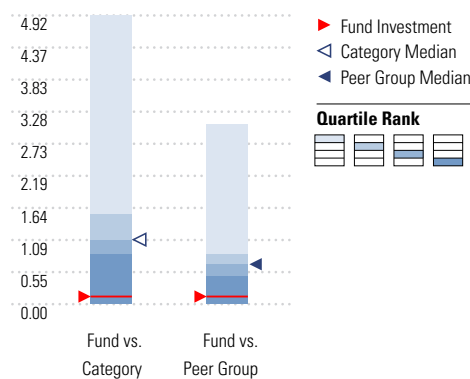
Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Performance Quartile (Within Category)
Total Return %	15.04	7.07	-0.57	7.13	15.04	-4.91	19.37	13.59	10.08	-5.66	History
+/- Benchmark	-1.49	-0.50	-0.93	-0.47	0.76	-1.25	-0.96	-0.67	-2.29	-0.49	
+/- Category	-1.44	0.86	1.36	-0.21	1.83	0.85	0.14	1.87	-3.81	-1.03	
Tot Ret % Rank in Cat	68	38	32	42	26	39	53	36	88	65	
# of Funds in Cat	797	769	817	769	744	760	734	707	721	741	
Turnover %	15	12	16	9	6	12	9	21	5	-	
Expense Ratio	-	-	-	-	-	-	-	-	-	-	

## Trailing Performance



Period	3 Month	1 Year	3 year	5 year	10 year	Since Inception	Total Return % as of 03-31-2022
Fund Return %	-5.66	1.88	9.03	8.10	7.71	7.69	Fund
Benchmark Return %	-5.17	4.31	10.39	9.19	8.50	6.04	Benchmark
Category Average %	-4.63	4.55	9.85	8.47	7.89	-	Category
% Rank in Category	65	78	69	57	54	-	
# of Funds in Category	741	706	661	604	438	-	

## 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	-1.10	-	-0.88
Beta	0.99	-	1.03
R-Squared	98.96	-	92.55
Standard Deviation	10.89	10.99	11.81
Sharpe Ratio	0.79	0.89	0.79
Tracking Error	1.12	-	3.18
Information Ratio	-1.21	-	-0.21
Up Capture Ratio	93.34	-	99.13
Down Capture Ratio	99.09	-	104.53

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.92	19.05	18.53
Price/Book Ratio	2.50	3.11	2.92
Avg Eff Duration	7.25	6.36	5.01

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

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

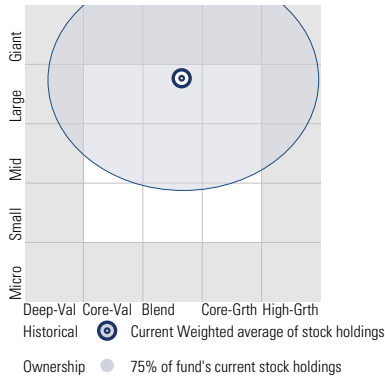
**Morningstar Index**

Morningstar US Mod Tgt Alloc NR USD

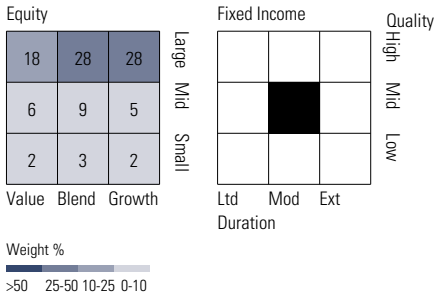
Equity

## Style Analysis as of 03-31-2022

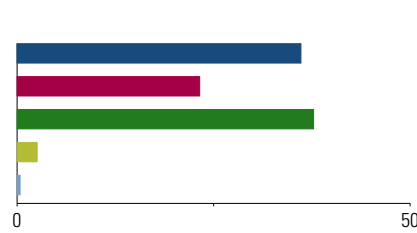
Morningstar Style Box™



## Style Breakdown

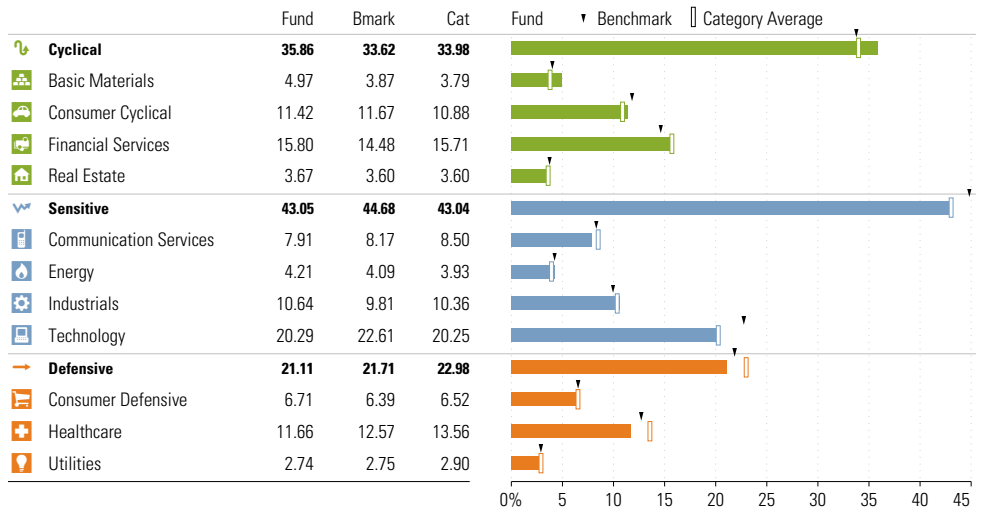


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	36.11	47.30
Non-US Stocks	23.23	11.26
Bonds	37.72	31.99
Cash	2.55	5.39
Other	0.38	4.04
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 7 Holdings as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	—	36.45	36.45	—	—
⊕ Vanguard Total Bond Market II Idx Inv	—	26.84	63.29	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	23.67	86.96	—	—
⊕ Vanguard Total Intl Bd Idx Investor	—	10.10	97.06	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	1.61	98.68	—	—
⊖ Mktliq 12/31/2049	—	1.35	100.02	—	—
⊕ Us Dollar	—	0.02	100.05	—	—

## Total Holdings 7

⊕ 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  
Awais Khan since 07-2021

## Quantitative Screens

- Performance:** The fund has finished in the Mid-Cap Growth category's top three quartiles in 10 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 9.11 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 93.4% lower than the Mid-Cap Growth category average.

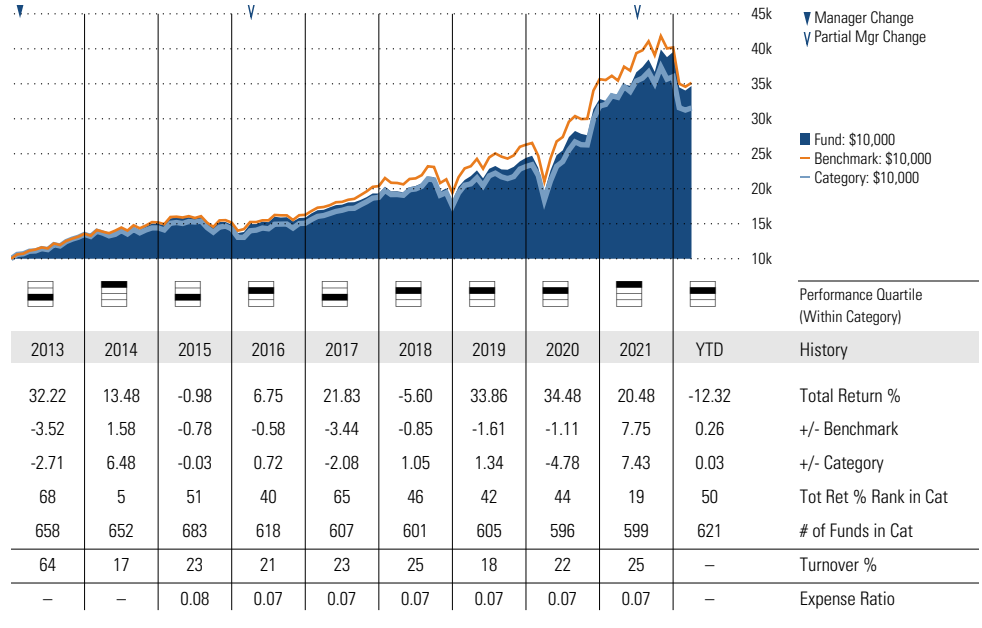
## Morningstar Investment Management LLC Analysis

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

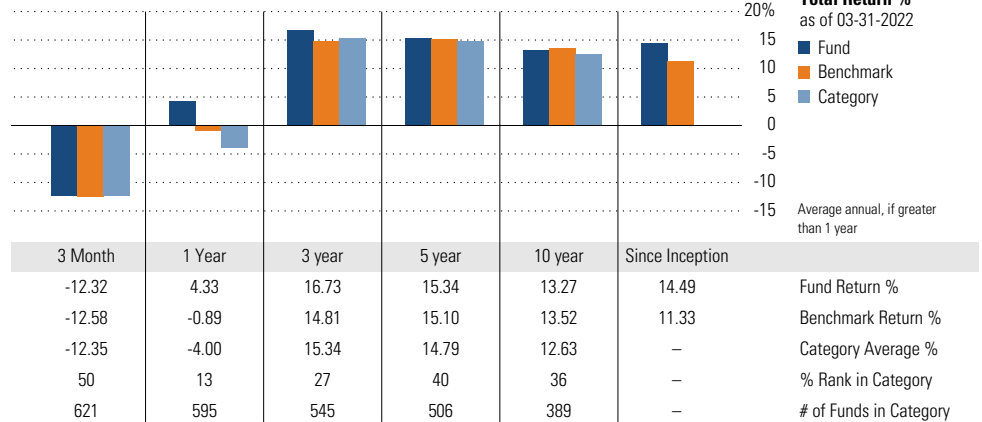
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

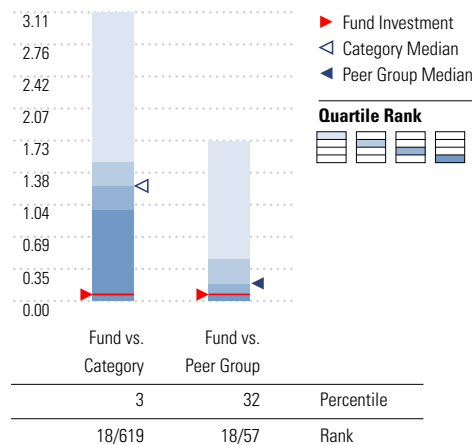
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.02	-	0.91
Beta	0.97	-	0.98
R-Squared	98.34	-	90.26
Standard Deviation	21.03	21.40	22.33
Sharpe Ratio	0.81	0.72	0.72
Tracking Error	2.76	-	6.93
Information Ratio	0.69	-	-0.02
Up Capture Ratio	100.88	-	100.70
Down Capture Ratio	93.53	-	99.24

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	32.58	27.52	30.48
Price/Book Ratio	5.47	7.96	5.40
Geom Avg Mkt Cap \$B	26.87	21.62	17.68
ROE	15.50	20.91	18.85

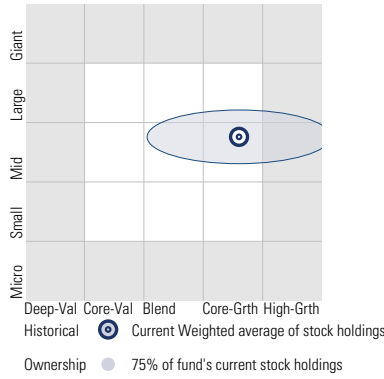
# Vanguard Mid-Cap Growth Index Admiral VMGMX

**Morningstar Category**  
Mid-Cap Growth

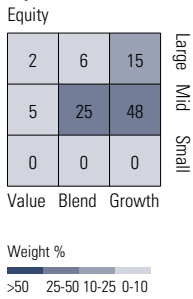
**Morningstar Index**  
Russell Mid Cap Growth TR USD

## Style Analysis as of 03-31-2022

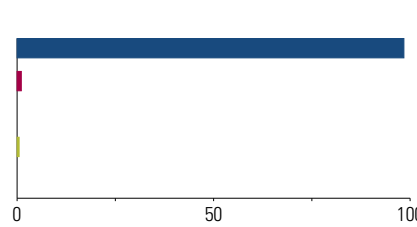
Morningstar Style Box™



## Style Breakdown

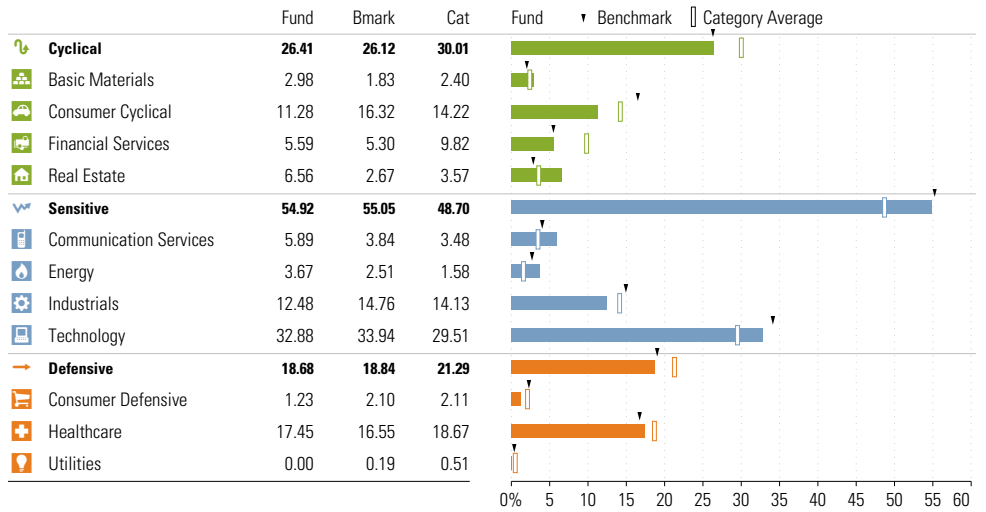


## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	98.42	94.18
Non-US Stocks	1.07	3.57
Bonds	0.00	0.07
Cash	0.51	1.90
Other	0.00	0.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Synopsys Inc	1.52	1.52	-9.56	Technology
⊖ DexCom Inc	1.48	3.00	-4.72	Healthcare
⊖ Centene Corp	1.46	4.46	2.17	Healthcare
⊖ Cadence Design Systems Inc	1.36	5.82	-11.75	Technology
⊖ Amphenol Corp Class A	1.34	7.16	-13.62	Technology
⊖ IQVIA Holdings Inc	1.31	8.48	-18.05	Healthcare
⊖ Microchip Technology Inc	1.24	9.72	-13.40	Technology
⊕ Realty Income Corp	1.22	10.94	-2.17	Real Estate
⊖ Digital Realty Trust Inc	1.20	12.14	-19.14	Real Estate
⊖ Devon Energy Corp	1.17	13.31	36.50	Energy
⊖ MSCI Inc	1.16	14.47	-17.75	Financial Services
⊕ Cintas Corp	1.12	15.59	-3.80	Industrials
⊖ SBA Communications Corp	1.11	16.70	-11.36	Real Estate
⊖ Datadog Inc Class A	1.10	17.80	-14.96	Technology
⊖ Waste Connections Inc	1.07	18.88	2.69	Industrials

**Total Holdings 185**

⊕ 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  
Awais Khan since 07-2021

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 15.63 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 92.93% lower than the Mid-Cap Value category average.

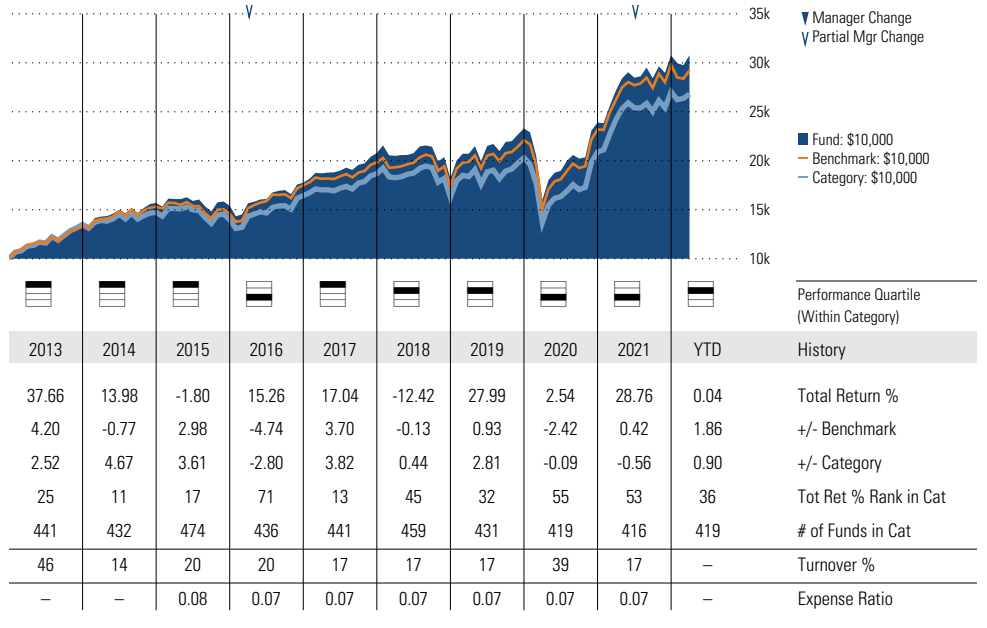
## Morningstar Investment Management LLC Analysis

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

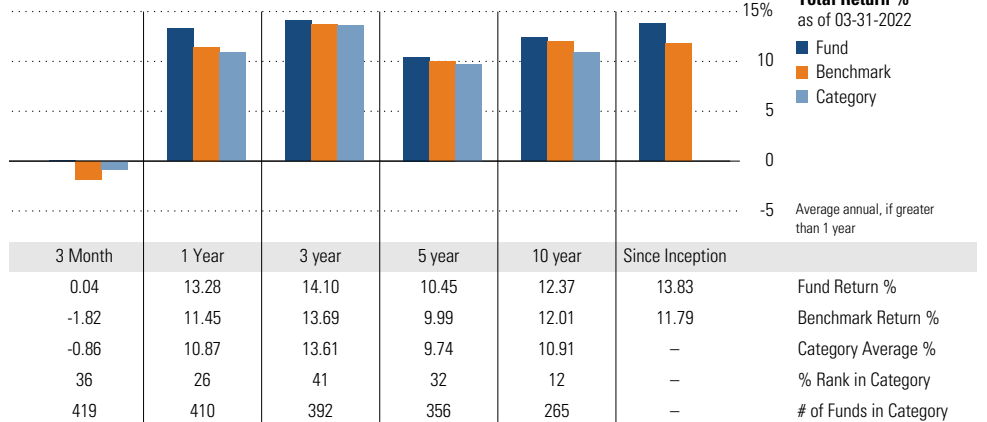
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Medium Risk	12-31-2021

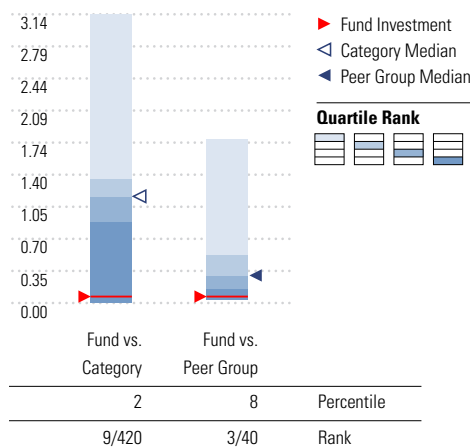
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.65	-	-0.43
Beta	0.98	-	1.02
R-Squared	98.98	-	95.69
Standard Deviation	21.51	21.94	22.90
Sharpe Ratio	0.69	0.67	0.64
Tracking Error	2.24	-	5.20
Information Ratio	0.18	-	-0.09
Up Capture Ratio	99.10	-	100.60
Down Capture Ratio	96.96	-	102.56

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	16.34	16.83	14.66
Price/Book Ratio	2.38	2.34	2.05
Geom Avg Mkt Cap \$B	23.98	18.60	14.12
ROE	18.56	16.32	17.32

# Vanguard Mid-Cap Value Index Admiral VMVAX

Morningstar Category

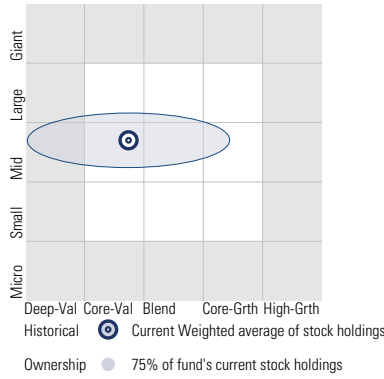
Mid-Cap Value

Morningstar Index

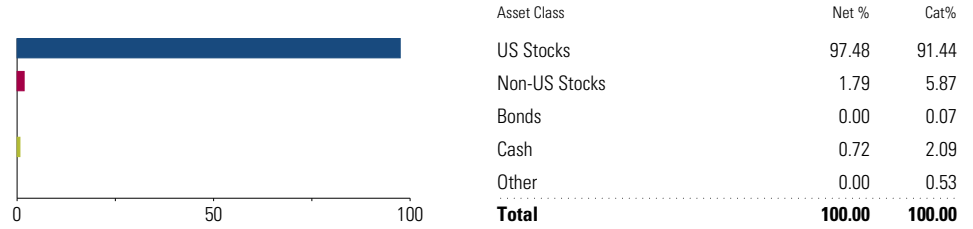
Russell Mid Cap Value TR USD

## Style Analysis as of 03-31-2022

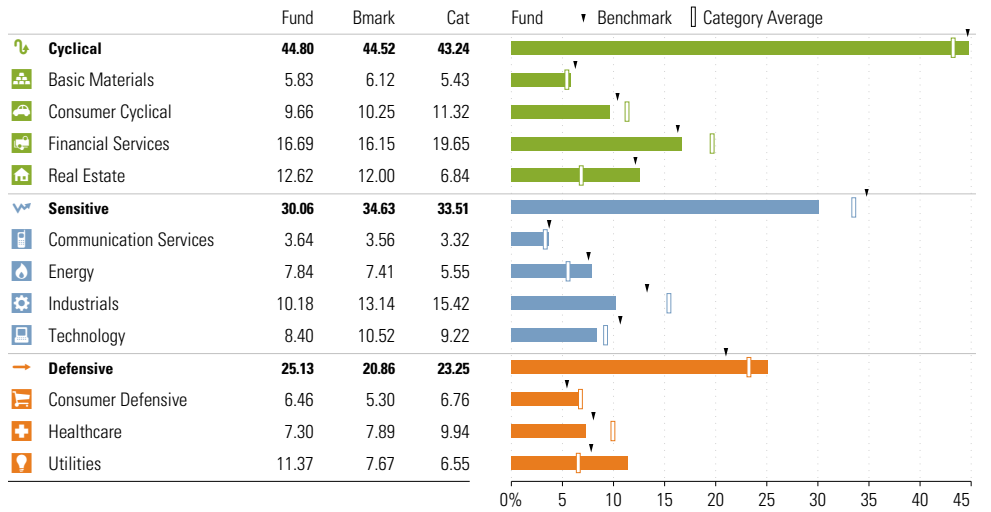
Morningstar Style Box™



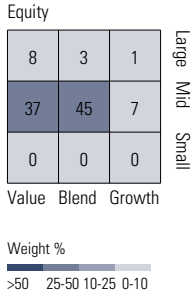
## Asset Allocation as of 03-31-2022



## Sector Weighting as of 03-31-2022



## Style Breakdown



## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Occidental Petroleum Corp	1.39	1.39	96.17	Energy
⊕ Welltower Inc	1.19	2.58	12.80	Real Estate
⊕ Nucor Corp	1.18	3.76	30.66	Basic Materials
⊖ Corvea Inc	1.16	4.91	21.87	Basic Materials
⊕ Valero Energy Corp	1.15	6.06	36.49	Energy
⊖ Motorola Solutions Inc	1.13	7.19	-10.57	Technology
⊖ Carrier Global Corp Ordinary Shares	1.09	8.28	-15.43	Industrials
⊖ The Kroger Co	1.05	9.33	27.22	Consumer Defensive
⊕ Arthur J. Gallagher & Co	1.01	10.33	3.21	Financial Services
⊕ Dollar Tree Inc	1.00	11.33	13.97	Consumer Defensive
⊕ AvalonBay Communities Inc	0.96	12.29	-1.04	Real Estate
⊕ Ameriprise Financial Inc	0.93	13.22	-0.06	Financial Services
⊕ Consolidated Edison Inc	0.93	14.15	11.90	Utilities
⊕ International Flavors & Fragrances Inc	0.92	15.07	-12.30	Basic Materials
⊕ Baker Hughes Co Class A	0.91	15.99	52.08	Energy

**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 25.9 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 88.57% lower than the Real Estate category average.

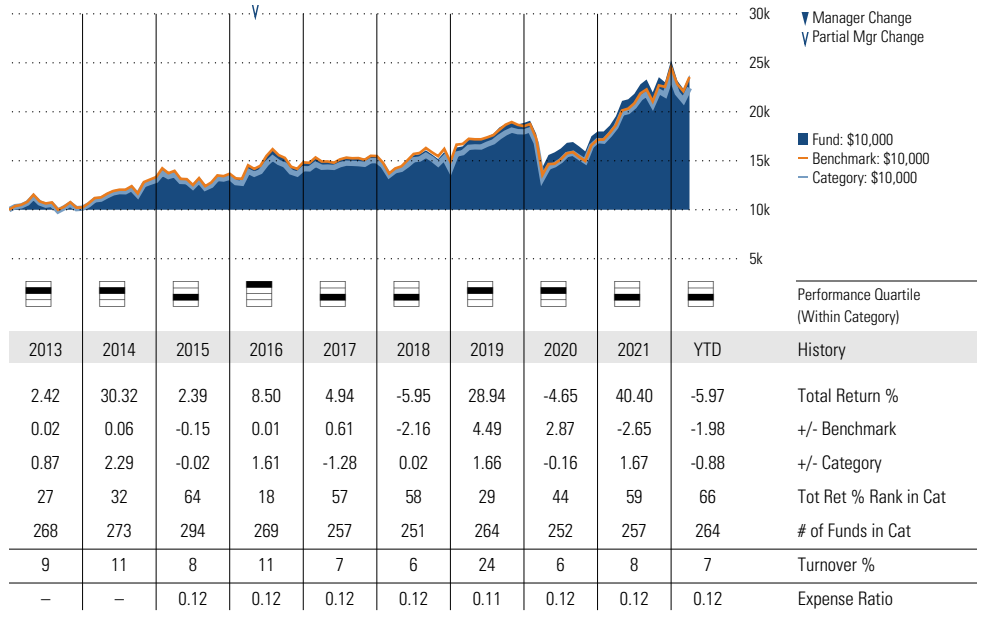
## Morningstar Investment Management LLC Analysis

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

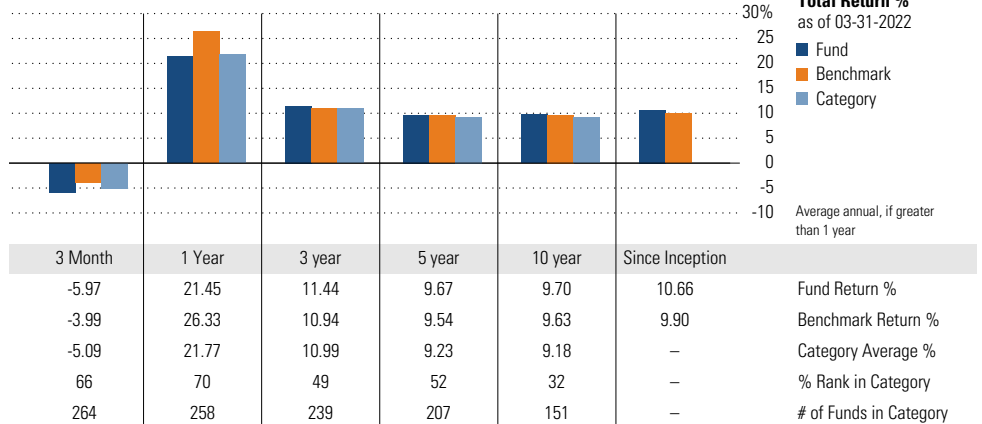
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Medium Risk	12-31-2021

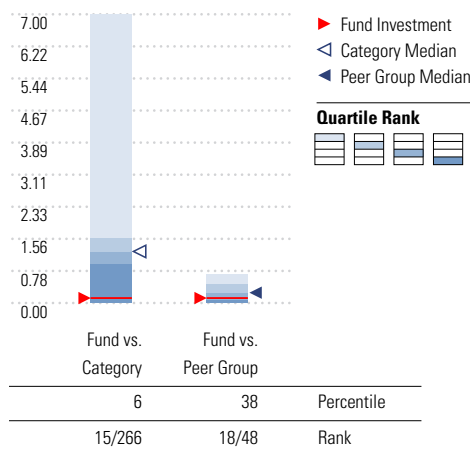
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.89	-	1.24
Beta	0.95	-	0.93
R-Squared	98.17	-	92.56
Standard Deviation	19.08	19.90	19.32
Sharpe Ratio	0.63	0.59	0.65
Tracking Error	2.77	-	5.15
Information Ratio	0.18	-	0.19
Up Capture Ratio	99.01	-	97.39
Down Capture Ratio	96.26	-	93.78

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	32.34	38.46	32.27
Price/Book Ratio	2.98	2.42	3.33
Geom Avg Mkt Cap \$B	23.92	9.35	28.10
ROE	15.30	9.56	16.07

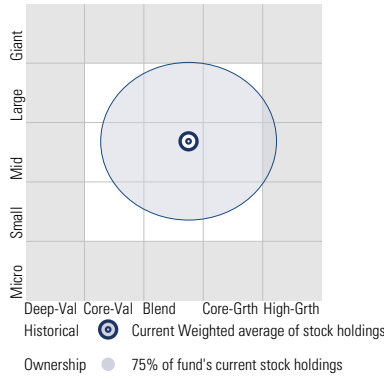
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

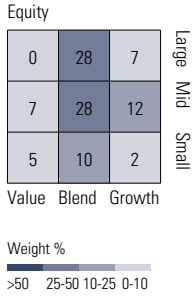
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 03-31-2022

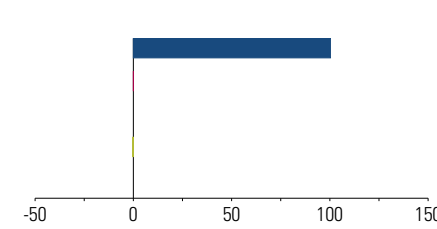
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2022



Asset Class	Net %	Cat%
US Stocks	100.29	85.77
Non-US Stocks	0.05	1.76
Bonds	0.00	3.26
Cash	-0.34	2.47
Other	0.00	6.72
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2022

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.27</b>	<b>99.13</b>	<b>98.94</b>			
Basic Materials	0.00	0.00	0.08			
Consumer Cyclical	0.00	0.13	1.64			
Financial Services	0.00	0.00	0.24			
Real Estate	99.27	99.00	96.98			
<b>Sensitive</b>	<b>0.73</b>	<b>0.87</b>	<b>1.02</b>			
Communication Services	0.73	0.00	0.28			
Energy	0.00	0.00	0.02			
Industrials	0.00	0.87	0.15			
Technology	0.00	0.00	0.57			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.03</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.00			
Utilities	0.00	0.00	0.03			

## Top 15 Holdings as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	11.37	11.37	-	-
⊕ Prologis Inc	6.65	18.02	-3.62	Real Estate
⊕ American Tower Corp	6.37	24.39	-14.11	Real Estate
⊕ Crown Castle International Corp	4.44	28.84	-10.86	Real Estate
⊕ Equinix Inc	3.72	32.55	-11.95	Real Estate
⊕ Public Storage	3.43	35.98	4.73	Real Estate
⊕ Simon Property Group Inc	2.35	38.33	-16.62	Real Estate
⊕ Welltower Inc	2.33	40.66	12.80	Real Estate
⊕ Digital Realty Trust Inc	2.20	42.86	-19.14	Real Estate
⊕ Realty Income Corp	2.18	45.04	-2.17	Real Estate
⊕ SBA Communications Corp	2.08	47.13	-11.36	Real Estate
⊕ AvalonBay Communities Inc	1.93	49.06	-1.04	Real Estate
⊕ Equity Residential	1.78	50.85	0.05	Real Estate
⊕ CBRE Group Inc Class A	1.71	52.55	-15.66	Real Estate
⊕ Alexandria Real Estate Equities Inc	1.65	54.20	-9.22	Real Estate

**Total Holdings 168**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

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

## Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 5.93 years.

✔ **Style:** The fund has landed in its primary style box — Small Value — 88.57 % of the time over the past three years.

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

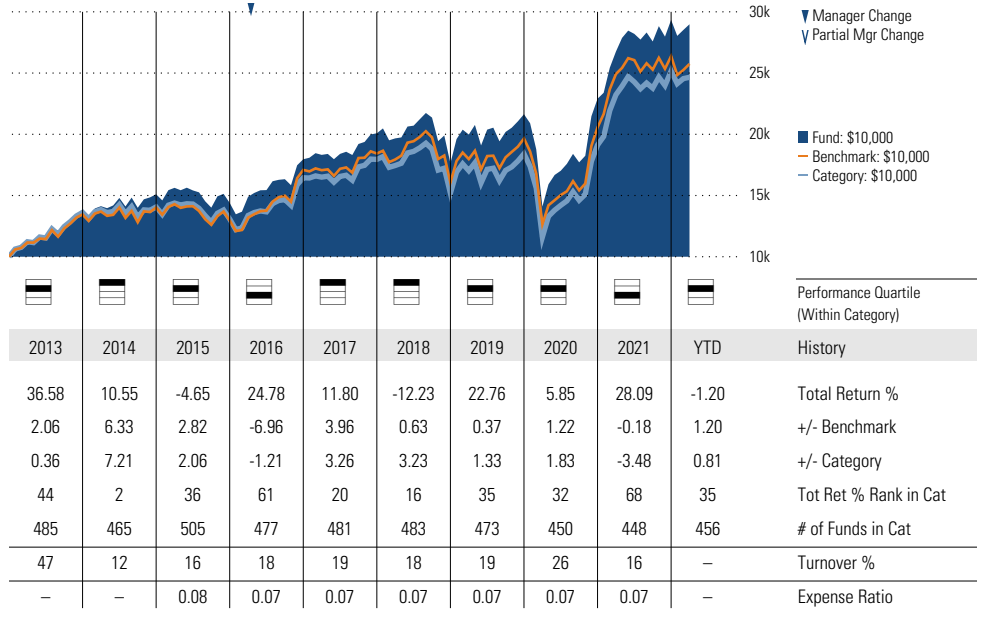
## Morningstar Investment Management LLC Analysis

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

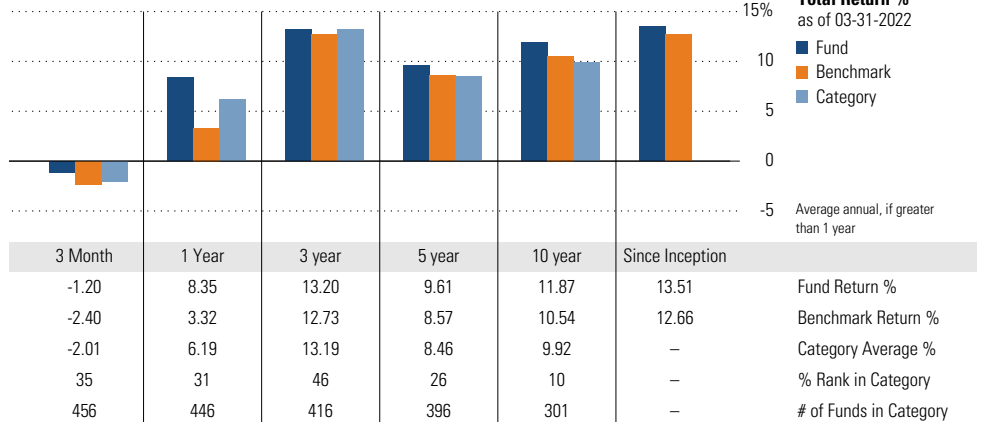
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	02-28-2022
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Medium Risk	12-31-2021

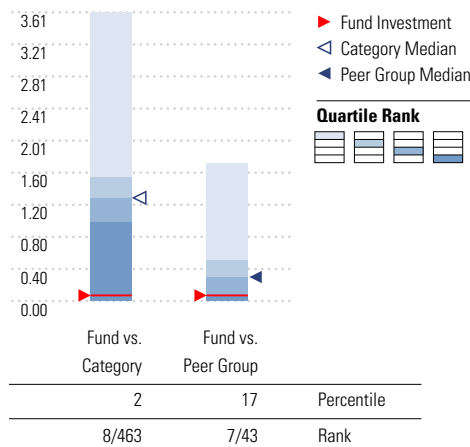
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.92	-	0.48
Beta	0.96	-	1.01
R-Squared	97.66	-	94.67
Standard Deviation	24.12	24.94	25.81
Sharpe Ratio	0.61	0.58	0.58
Tracking Error	3.85	-	6.29
Information Ratio	0.12	-	0.05
Up Capture Ratio	96.33	-	100.49
Down Capture Ratio	93.39	-	99.58

## Portfolio Metrics

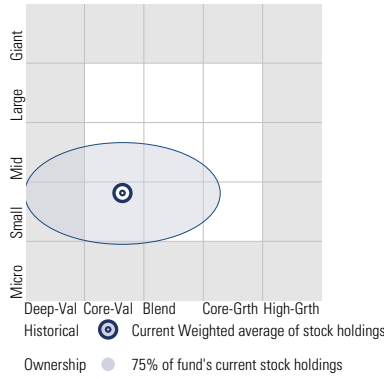
	Fund	Bmark	Cat
Price/Earnings Ratio	12.92	12.54	12.81
Price/Book Ratio	1.91	1.53	1.72
Geom Avg Mkt Cap \$B	5.76	2.34	4.24
ROE	16.71	8.77	16.11

# Vanguard Small Cap Value Index Admiral VSIAX

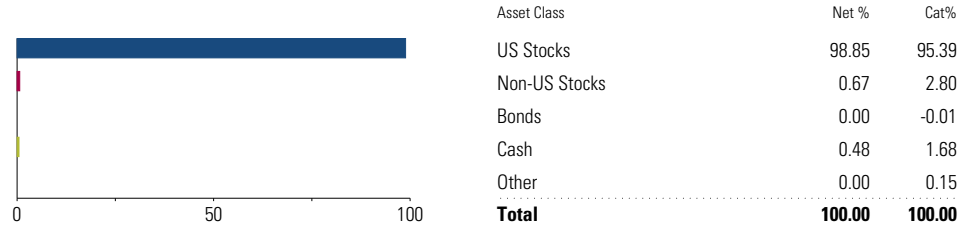
**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

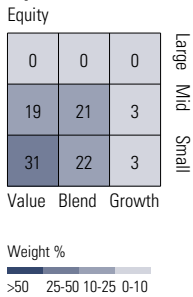
**Style Analysis** as of 03-31-2022  
Morningstar Style Box™



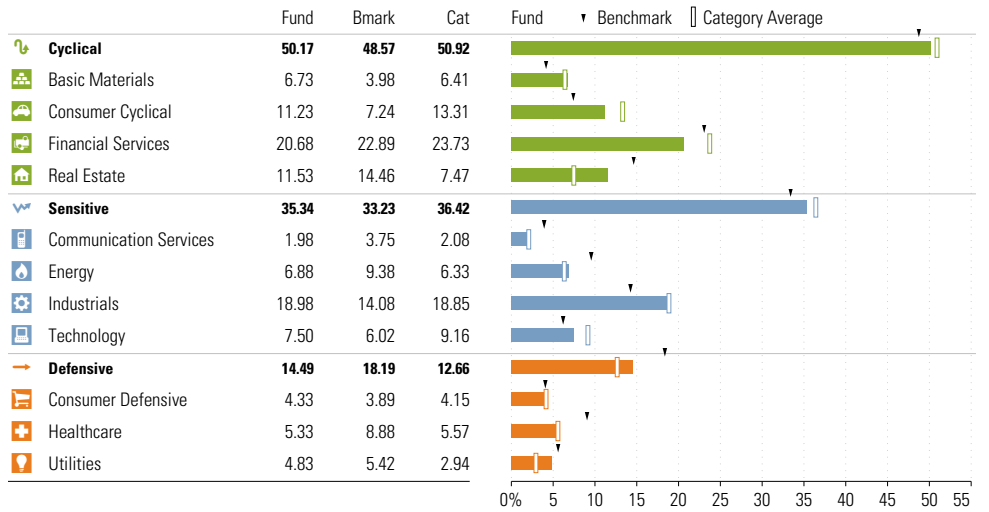
**Asset Allocation** as of 03-31-2022



**Style Breakdown**



**Sector Weighting** as of 03-31-2022



**Top 15 Holdings** as of 03-31-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Molina Healthcare Inc	0.63	0.63	4.88	Healthcare
⊕ Quanta Services Inc	0.60	1.23	14.84	Industrials
⊕ Signature Bank	0.59	1.83	-9.10	Financial Services
⊖ Marathon Oil Corp	0.59	2.42	53.35	Energy
⊕ Constellation Energy Corp	0.59	3.01	-	Utilities
⊕ Targa Resources Corp	0.56	3.56	45.14	Energy
⊕ Alcoa Corp	0.54	4.11	51.28	Basic Materials
⊖ Brown & Brown Inc	0.53	4.63	2.98	Financial Services
⊕ Atmos Energy Corp	0.52	5.16	14.70	Utilities
⊕ Steel Dynamics Inc	0.51	5.66	34.96	Basic Materials
⊕ Bunge Ltd	0.50	6.17	19.25	Consumer Defensive
⊕ Cleveland-Cliffs Inc	0.49	6.66	47.96	Basic Materials
⊕ Kimco Realty Corp	0.49	7.15	0.97	Real Estate
⊖ Slcmt1142	0.48	7.63	-	-
⊕ IDEX Corp	0.47	8.10	-18.64	Industrials

**Total Holdings** 930

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Ultra-Short-Term Bond Admiral VUSFX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

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

## Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 6 of the 6 years it's been in existence.

✔ **Management:** The fund's management has been in place for 5.18 years.

Style Consistency is not calculated for Fixed Income funds.

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

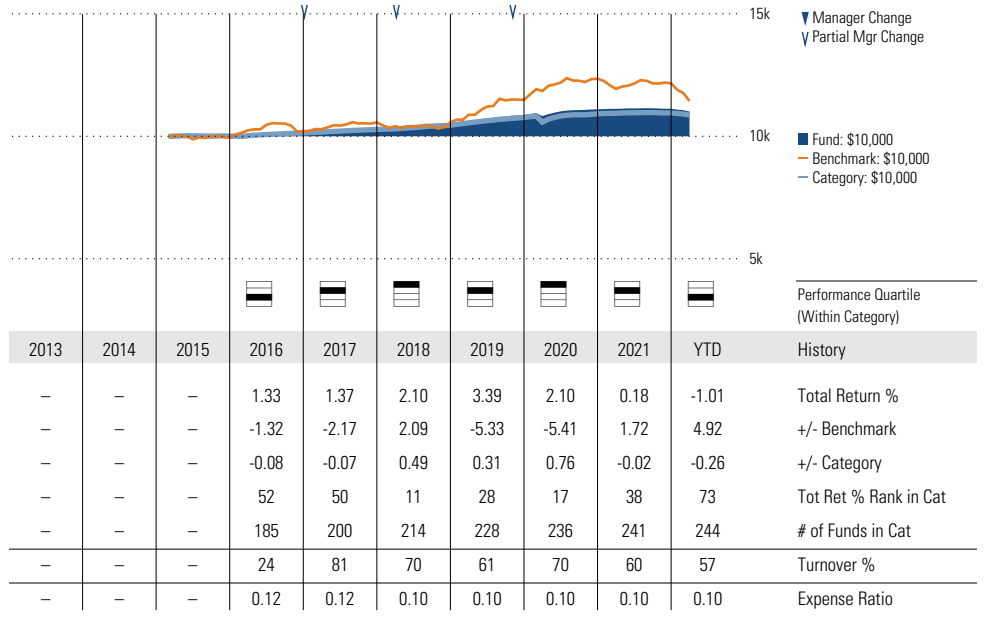
## Morningstar Investment Management LLC Analysis

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

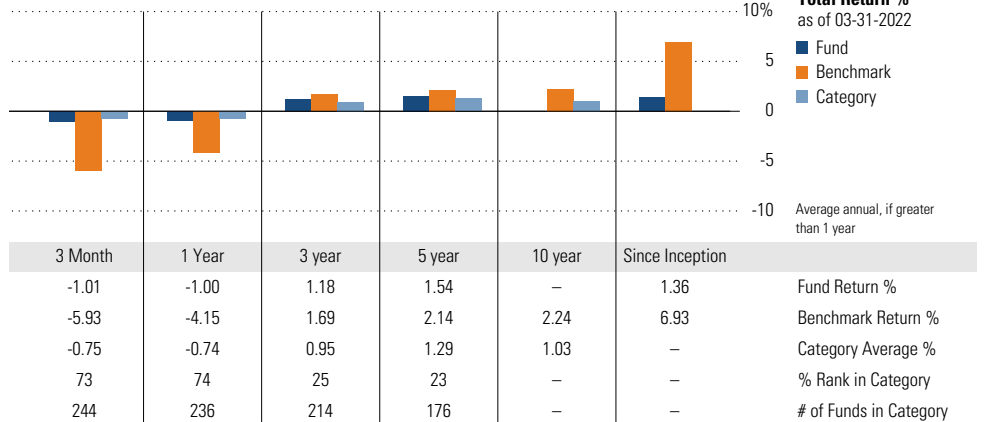
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	02-28-2022

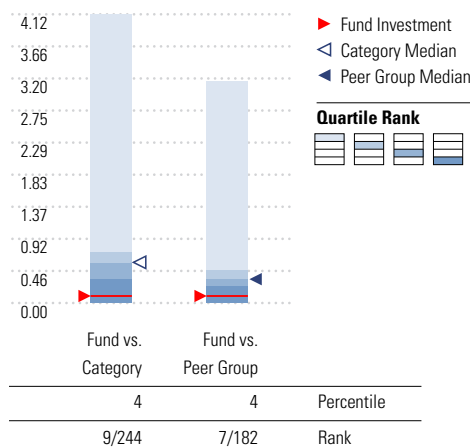
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.89	-	0.63
Beta	0.17	-	0.17
R-Squared	38.93	-	19.54
Standard Deviation	1.07	4.03	1.85
Sharpe Ratio	0.50	0.27	0.16
Tracking Error	3.47	-	3.91
Information Ratio	-0.15	-	-0.21
Up Capture Ratio	26.25	-	26.76
Down Capture Ratio	9.96	-	16.71

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.98	4.43	0.54
Avg Eff Maturity	0.90	-	3.15

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

# Vanguard Ultra-Short-Term Bond Admiral VUSFX

**Morningstar Category**  
Ultrashort Bond

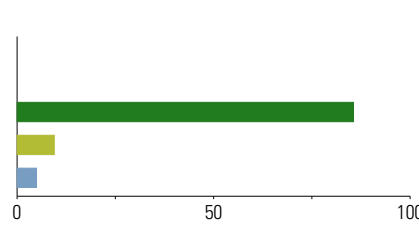
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 03-31-2022

**Style Breakdown**



**Asset Allocation** as of 03-31-2022

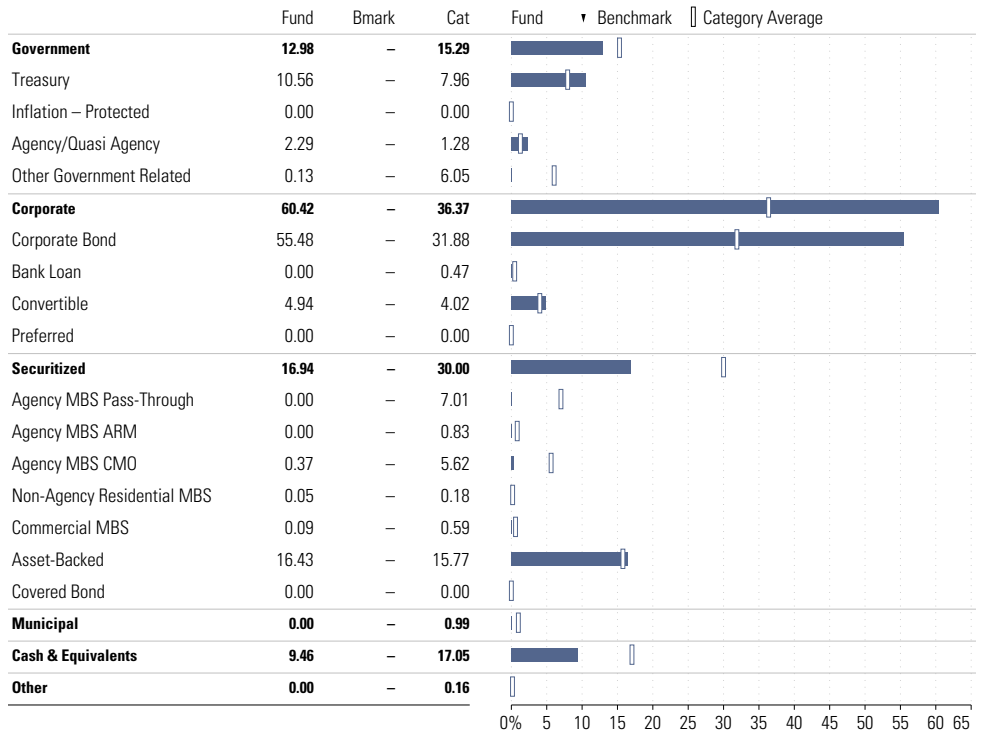


Asset Class	Net %	Cat%
US Stocks	0.00	0.01
Non-US Stocks	0.00	0.00
Bonds	85.60	79.43
Cash	9.46	16.29
Other	4.94	4.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	18.17	3.53	39.61
AA	6.46	74.59	5.63
A	36.51	10.82	18.05
BBB	34.06	8.32	22.63
BB	0.00	0.28	1.17
B	0.00	0.00	1.51
Below B	0.34	0.00	0.29
Not Rated	4.46	2.46	11.11

**Sector Weighting** as of 03-31-2022



**Top 10 Holdings** as of 03-31-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bills	-	5.40	5.40	-
⊖ Mktliq 12/31/2049	-	4.16	9.55	-
⊕ United States Treasury Bills	-	2.94	12.50	-
⊕ United States Treasury Notes	-	1.53	14.02	-
⊕ Bank of Korea	-	0.78	14.81	-
NTT Finance Corp	-	0.72	15.53	-
⊕ UBS Group Funding (Switzerland) AG	-	0.64	16.17	-
Charter Communications Operating, LLC/Charter Communications Operating Capi	-	0.59	16.76	-
VMware Inc	-	0.55	17.32	-
⊖ Bank of Montreal	-	0.55	17.86	-

**Total Holdings 952**

⊕ 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 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 15.26 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.42 is 44% lower than the Intermediate Core-Plus Bond category average.

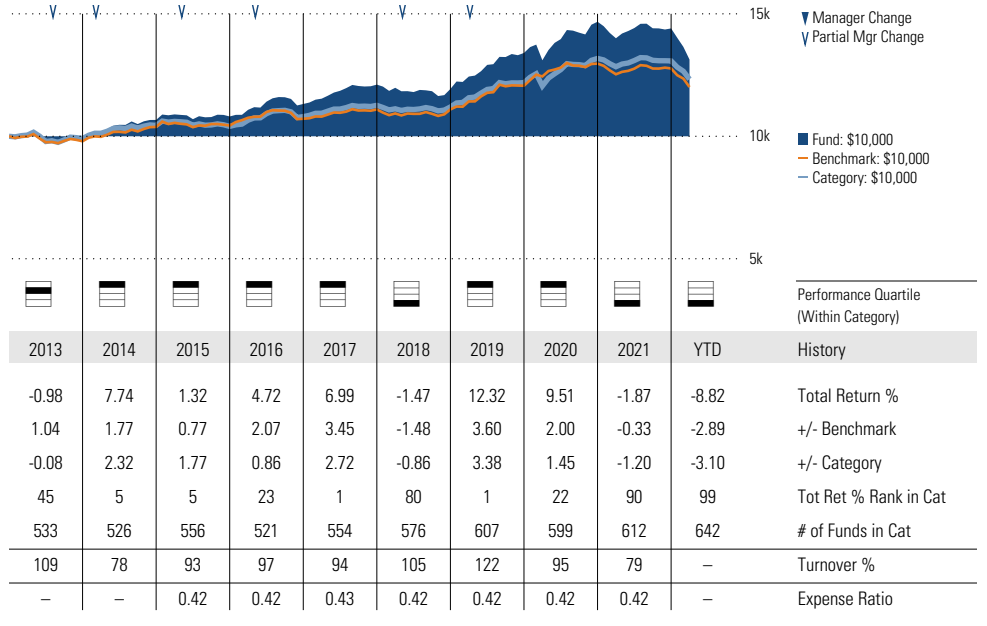
## Morningstar Investment Management LLC Analysis

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.

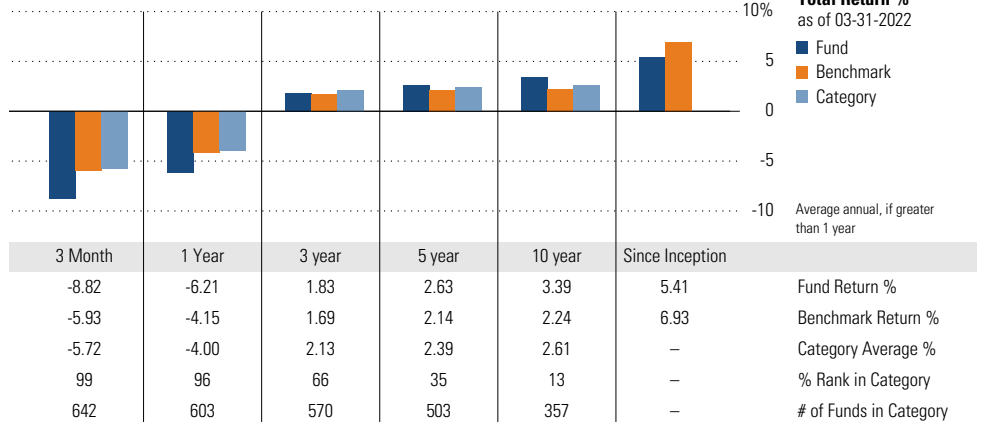
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	02-28-2022

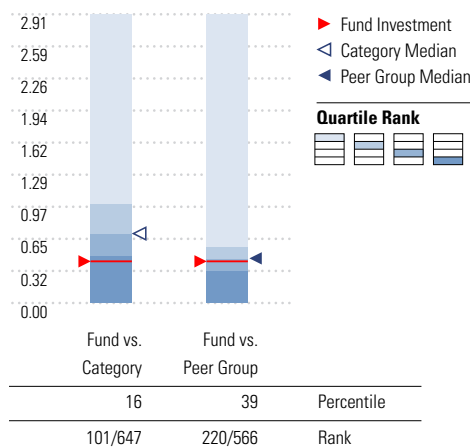
## Growth of \$10,000



## 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	-0.28	-	0.56
Beta	1.30	-	1.01
R-Squared	71.33	-	67.97
Standard Deviation	6.20	4.03	5.13
Sharpe Ratio	0.22	0.27	0.33
Tracking Error	3.53	-	2.95
Information Ratio	0.04	-	0.21
Up Capture Ratio	141.62	-	116.32
Down Capture Ratio	153.46	-	110.33

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.74	4.43	6.21
Avg Eff Maturity	13.29	-	8.73

# Western Asset Core Plus Bond IS WAPSX

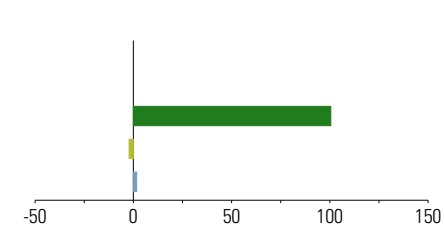
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** BBgBarc US Agg Bond TR USD

## Style Analysis as of 03-31-2022

### Style Breakdown



## Asset Allocation as of 03-31-2022

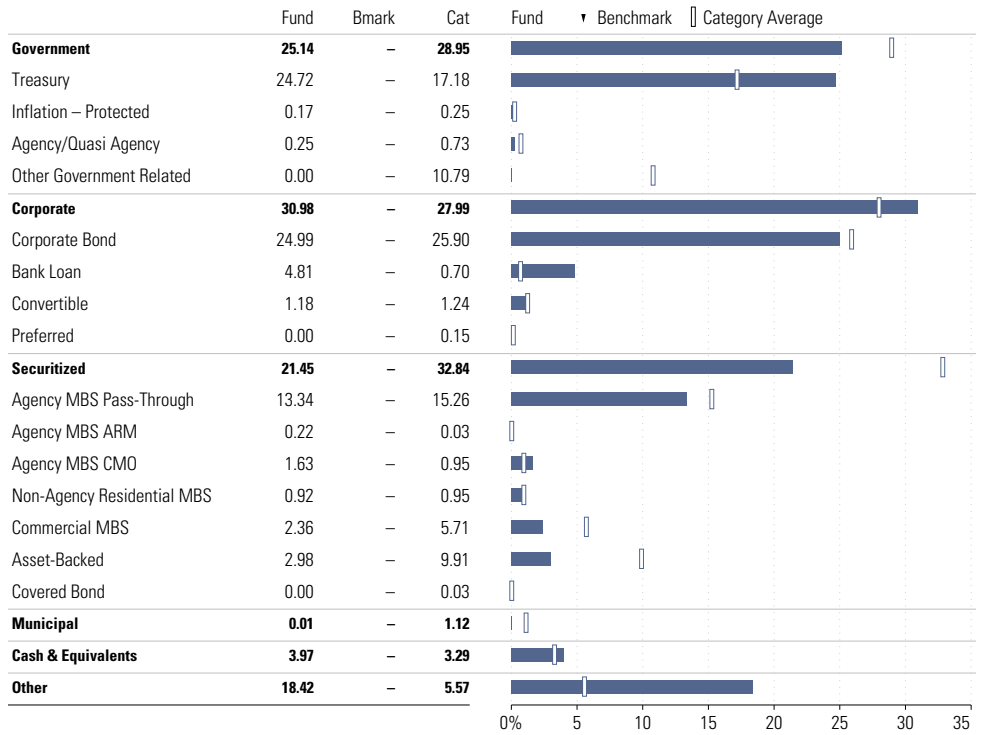


Asset Class	Net %	Cat%
US Stocks	0.00	0.08
Non-US Stocks	0.00	0.00
Bonds	100.48	103.09
Cash	-2.16	-5.11
Other	1.69	1.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	45.04	3.53	50.62
AA	5.40	74.59	4.02
A	14.39	10.82	10.81
BBB	18.33	8.32	19.90
BB	8.90	0.28	6.60
B	2.89	0.00	2.88
Below B	0.99	0.00	1.31
Not Rated	4.06	2.46	3.86

## Sector Weighting as of 03-31-2022



## Top 10 Holdings as of 03-31-2022

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

**Total Holdings 2995**

⊕ Increase ⊖ Decrease ✱ New to Portfolio