Quarterly Investment Performance Analysis

Commissioners of the Land Office,
State of Oklahoma

Period Ended: March 31, 2021



2020 Greenwich *Quality Leader* Award

Coalition Greenwich recently announced that RVK is 1 of 3 firms among large US consultants to receive the 2020 Greenwich *Quality Leader* award.* RVK is proud to receive this recognition for the 4th consecutive year.

RVK ranked first (or tied for first) in 11 out of 14 key criteria:

- Advice on Long-term Asset Allocation (#1)
- Communication of Philosophy and Beliefs (#1)
- Proactive Advice and Innovative Ideas (#1)
- Usefulness of Written Investment Reviews (#1)
- Client Satisfaction with Manager Recommendations (#1)
- Responsiveness to Client Requests (#1)
- Sufficient Professional Resources to Meet Client Needs (#1)
- Reasonable Fees Relative to Services Delivered (#1)
- Timeliness in Providing Written Info/Reports (#1)
- Advice on DC Plan Structure and Design (tied for #1)
- Usefulness of Personal Meetings (tied for #1)



We are deeply grateful for your continued confidence and support.
From all of us here at RVK, thank you for the opportunity to serve you!

*Between July and October 2020, Coalition Greenwich (formerly known as Greenwich Associates) conducted in-person and phone interviews and online surveys with 856 individuals at 704 of the largest tax-exempt funds in the US– including corporate and union funds, public funds, endowments and foundations, insurance general accounts, and healthcare organizations, with either pension or investment pool assets greater than $150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset managers and investment consultants, including qualitative assessments of those firms soliciting their business and detailed information on important market trends. RVK is one of three firms recognized in the large investment consultant category. The ratings may not be representative of any one client's experience with RVK; rather they are representative of those clients that chose to participate in the survey. The results are not indicative of RVK's future performance.

To read the Greenwich press release, please refer to the following URL: https://www.greenwich.com/press-release/covid-19-crisis-put-investment-consultant-advisory-capabilities-test

RVK

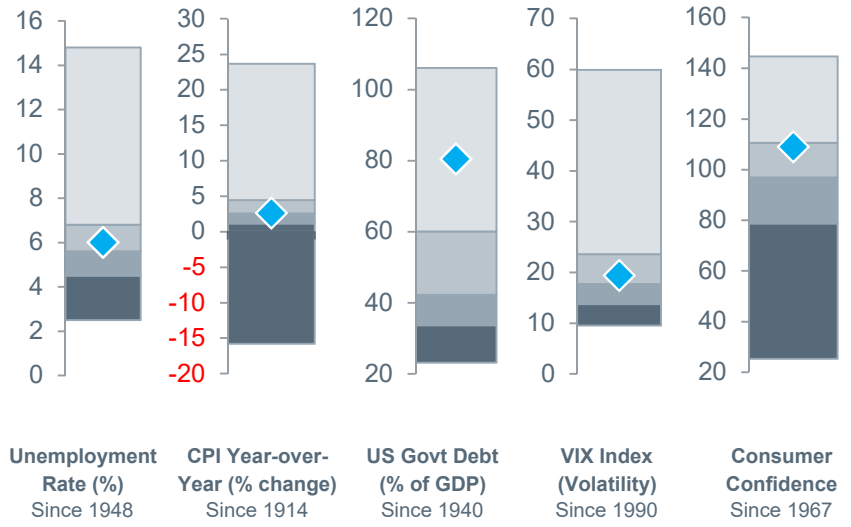
Capital Markets Review



First Quarter Economic Environment

Investor expectations for a swift global economic recovery rose with the progress of vaccination distribution in the US being a key catalyst. The passage of further fiscal support in the US and anticipation of a bill more focused on infrastructure spending also factored into rising global and US GDP growth forecasts for 2021-22. Monetary policies remained supportive with the Federal Open Markets Committee (FOMC) and other major central banks maintaining interest rate levels near or below zero. In addition, the FOMC reiterated a commitment to accommodative policies until its inflation target is reached and a stronger labor market is sustained. As investors digested the potential for higher future growth and inflation, long-term bond yields moved higher throughout Q1. However, potential drags on sustained economic growth, including newer variants of the coronavirus and the prospect of rising inflationary pressures, remain as risks to the ongoing recovery. Another headwind to the recovery is the lower vaccination rates reported in other developed countries and some emerging market countries making parts of the world more susceptible to further outbreaks. With this backdrop, risk assets delivered positive returns in Q1 with most fixed income groups experiencing negative returns as longer-dated Treasury yields moved higher. Most commodity prices rose during Q1, notably crude oil appreciated quickly, partially driven by a tanker blocking passage of the Suez Canal in March.

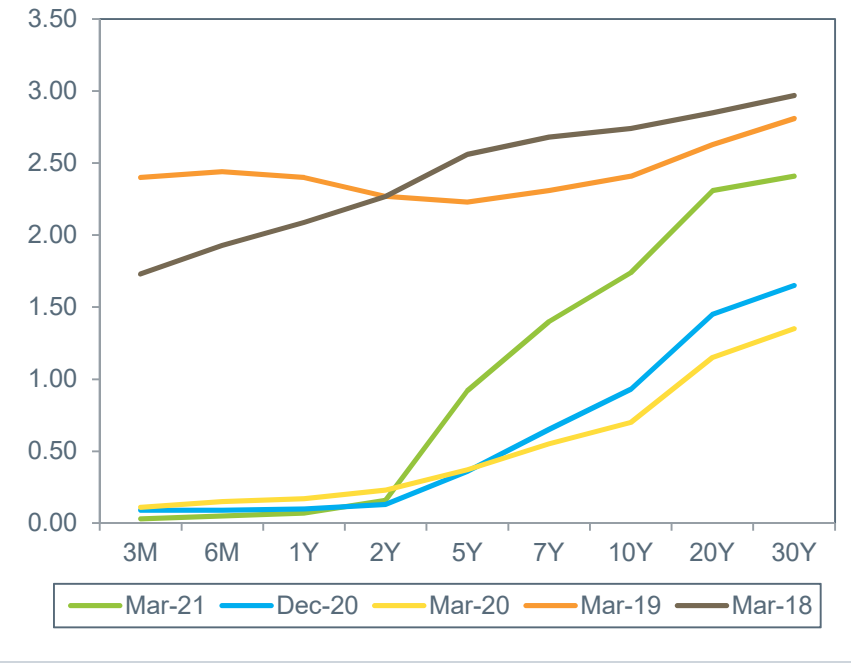
Key Economic Indicators



Economic Indicators	Mar-21		Dec-20	Mar-20	Mar-18	20 Yr
Federal Funds Rate (%)	0.06	▼	0.09	0.08	1.68	1.42
Breakeven Infl. - 5 Yr (%)	2.60	▲	1.97	0.53	2.04	1.83
Breakeven Infl. - 10 Yr (%)	2.37	▲	1.99	0.93	2.06	2.01
CPI YoY (Headline) (%)	2.6	▲	1.4	1.5	2.4	2.1
Unemployment Rate (%)	6.0	▼	6.7	4.4	4.0	6.1
Real GDP YoY (%)	0.4	▲	-2.4	0.3	3.1	1.7
PMI - Manufacturing	64.7	▲	60.5	49.7	59.2	52.9
USD Total Wtd Idx	114.13	▲	111.55	122.82	107.67	103.22
WTI Crude Oil per Barrel ($)	59.2	▲	48.5	20.5	64.9	62.7
Gold Spot per Oz ($)	1,708	▼	1,898	1,577	1,326	1,028

Market Performance (%)	QTD	CYTD	1 Yr	5 Yr	10 Yr
S&P 500 (Cap Wtd)	6.17	6.17	56.35	16.29	13.91
Russell 2000	12.70	12.70	94.85	16.35	11.68
MSCI EAFE (Net)	3.48	3.48	44.57	8.85	5.52
MSCI EAFE SC (Net)	4.50	4.50	61.98	10.50	8.01
MSCI Emg Mkts (Net)	2.29	2.29	58.39	12.07	3.65
Bloomberg US Agg Bond	-3.38	-3.38	0.71	3.10	3.44
ICE BofAML 3 Mo US T-Bill	0.02	0.02	0.12	1.19	0.63
NCREIF ODCE (Gross)	2.09	2.09	2.30	6.19	9.67
FTSE NAREIT Eq REIT (TR)	8.87	8.87	37.78	5.33	8.56
HFRI FOF Comp	1.88	1.88	23.84	5.61	3.42
Bloomberg Cmdty (TR)	6.92	6.92	35.04	2.31	-6.28

Treasury Yield Curve (%)



Treasury data courtesy of the US Department of the Treasury. Economic data courtesy of Bloomberg Professional Service.

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First Quarter Review

Broad Market

US equity markets opened 2021 with solid performance in Q1, driven by the passage of the $1.9 trillion American Recovery Plan and hopes for a full reopening of the US economy with an ahead of schedule vaccine rollout. After poor performance at the start of Q1, the S&P 500 Index bounced back to finish the quarter up 6.2%.

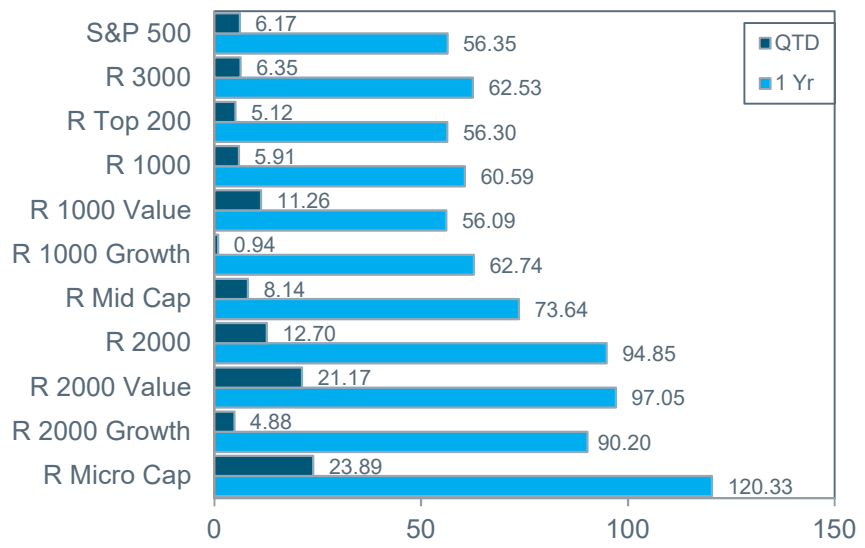
Market Cap

Small-cap stocks significantly outperformed their larger-cap counterparts. The Russell 2000 Index returned 12.7% compared to 6.2% for the S&P 500.

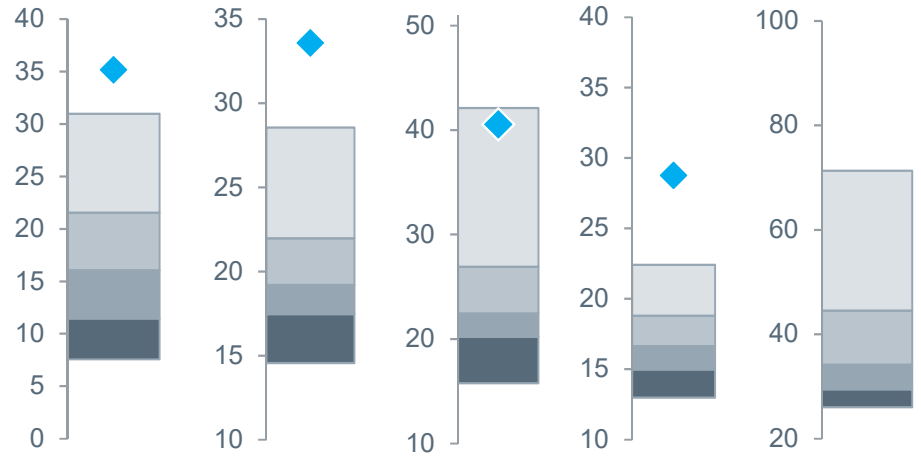
Style and Sector

Value continued to outperform growth, to a much greater extent than in Q4 2020, across the market capitalization spectrum. The Russell 1000 Value Index returned 11.2% in Q1, versus 0.9% for the Russell 1000 Growth Index.

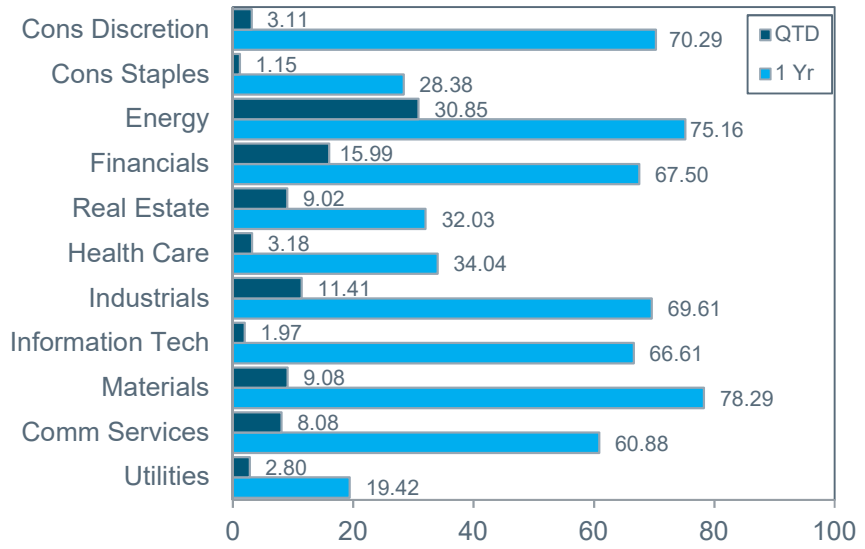
Style and Capitalization Market Performance (%)



Valuations



S&P 500 Index Sector Performance (%)



Valuation data courtesy of Bloomberg Professional Service and Robert J. Shiller, Irrational Exuberance, Second Edition.
P/E metrics shown represent the 5th through 95th percentiles to minimize the effect of outliers. Current R2000 P/E is unavailable due to negative earnings per share as of 03/31

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First Quarter Review

Developed Markets

Developed international equity lagged the US market in Q1, but did provide positive absolute returns. The rotation into value stocks continued in Q1 with growth stocks finishing in negative territory and small-cap stocks outperforming large. Median manager performance indicates that active management delivered mixed results amid the positive market returns in Q1.

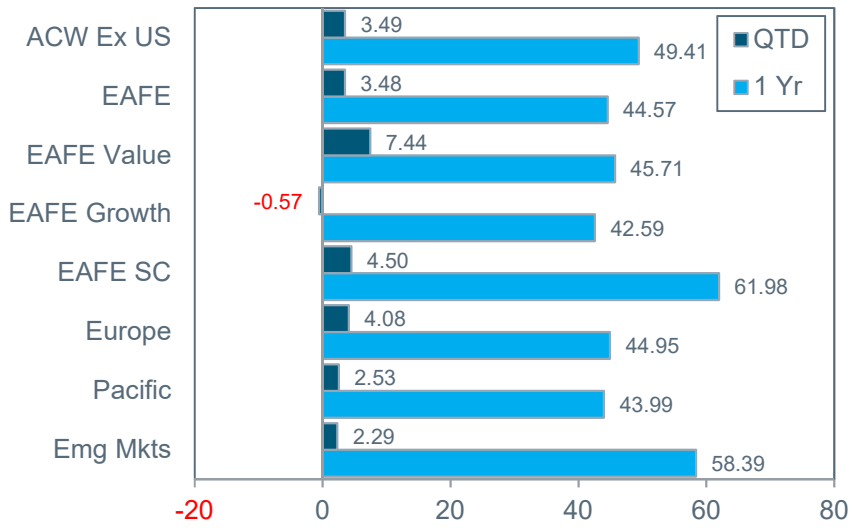
Emerging Markets

Emerging markets ended Q1 with positive returns, but underperformed developed markets. Value stocks outperformed growth and small cap outperformed large, but the spreads between these groups were not as significant as in developed international markets. Active management continued to add value this quarter and universe median excess returns indicate significant alpha has been produced in the last twelve months.

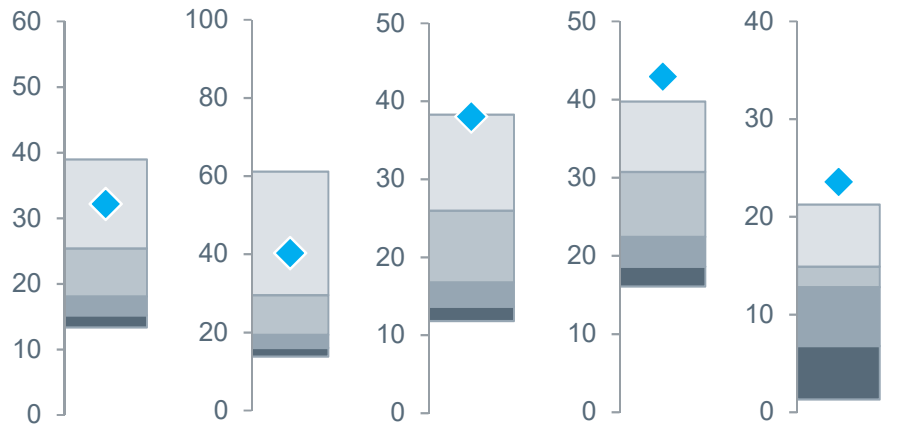
Market Cap & Style

In both developed international markets and emerging markets, value stocks outperformed growth, while small-cap stocks outperformed large-cap.

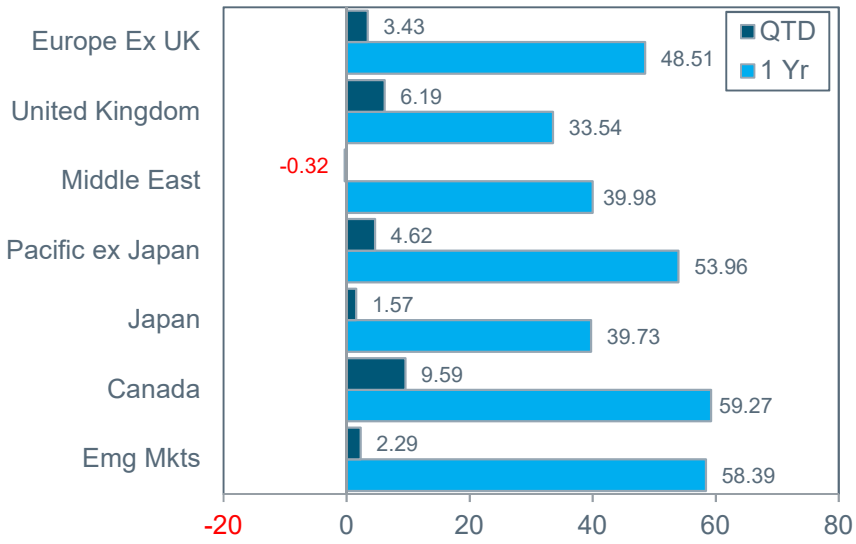
MSCI Style and Capitalization Market Performance (%)



Valuations



MSCI Region Performance (%)



Valuation data courtesy of Bloomberg Professional Service.
P/E metrics shown represent the 5th through 95th percentiles to minimize the effect of outliers.
All returns are shown net of foreign taxes on dividends.

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First Quarter Review

Broad Market

The Bloomberg US Aggregate Index declined -3.4% in Q1 as Treasury yields rose abruptly. The yield movement was primarily driven by investors reacting to potential inflationary pressure caused by a strong economic recovery.

Credit Market

Below investment grade rated debt continued outperforming the broader market, a trend also seen in Q4 2020. The Bloomberg US Credit Index declined -4.5%, while the Bloomberg US High Yield Index returned 0.9% in Q1, largely carried by the lowest quality debt, with Caa rated debt returning 3.6% QTD in particular.

Emerging Market Debt

Increased US stimulus and an improving US economy contributed to a strengthening US Dollar. Local currency denominated debt as measured by the JPM GBI-EM Global Diversified Index returned -6.7%, underperforming both hard currency and corporate emerging market debt.

Valuations



US Treasury Bonds
10-Yr US Treasury Yields
Since 1953

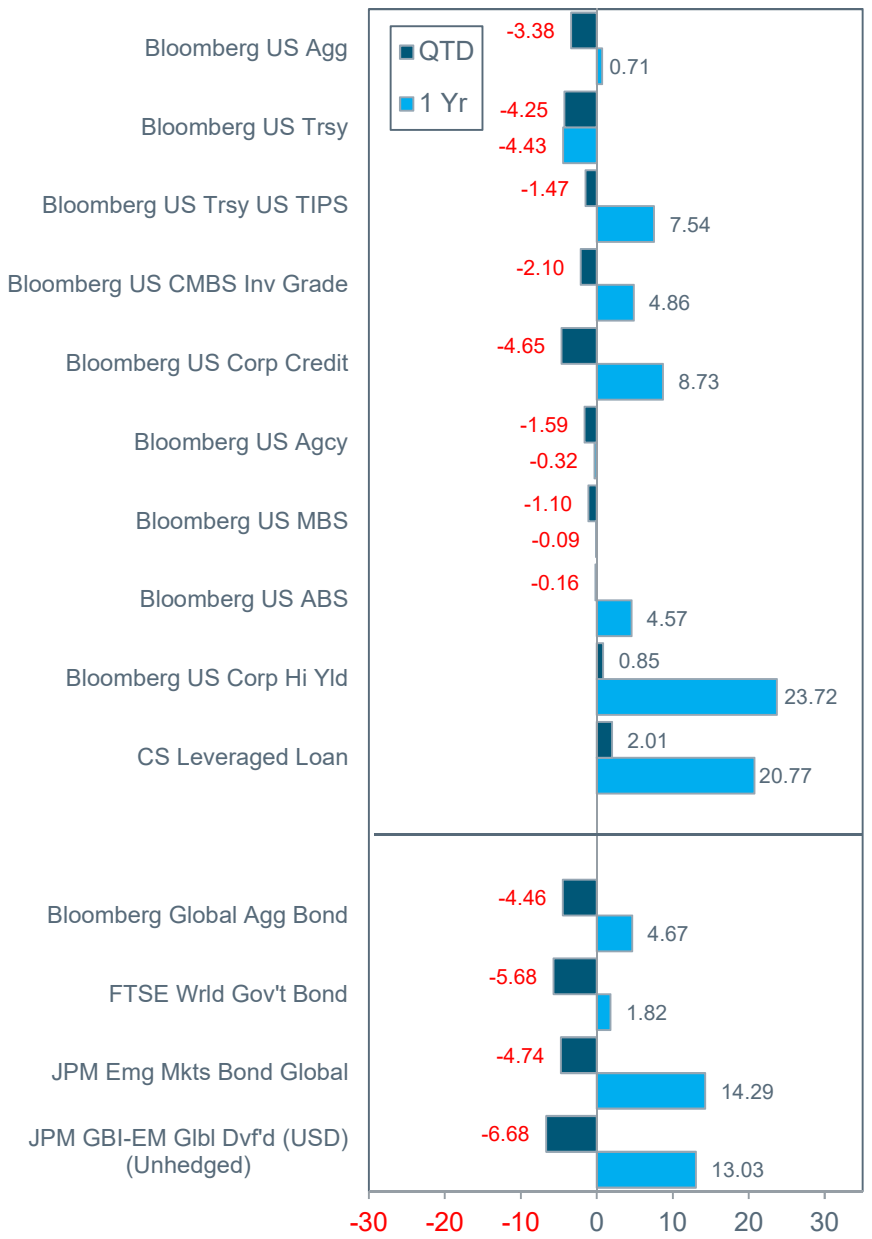
US Aggregate Bonds
Bloomberg US Agg Spreads
Since 2000

US Corporate Bonds
Bloomberg US Corp Spreads
Since 1989

US Credit Bonds
Bloomberg US Credit Spreads
Since 2000

US High-Yield Bonds
Bloomberg US Corp:HY Spreads
Since 2000

Fixed Income Performance (%)



Valuation data courtesy of Bloomberg Professional Service.
Valuations shown represent the 5th through 95th percentiles to minimize the effect of outliers.

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First Quarter Review - Absolute Return

General Market - Hedge Funds

Hedge fund returns in Q1 were positive in aggregate, though with considerable dispersion across strategies and trading styles. The HFRI Fund Weighted Composite Index returned 6.1% in Q1, outperforming its asset weighted counterpart. Given the style shifts seen in equity markets, managers with growth tilts lagged peers. Short alpha was particularly challenged, with prime brokerage data pointing to one of the worst quarters on record for stock picking on the short side.

General Market - Global Tactical Asset Allocation (GTAA)

GTAA strategies RVK follows closely largely generated positive absolute returns in Q1, ranging from low- to mid-single digits. Long-biased strategies performed well, though with some divergence, versus a static and less diversified blend of 60% US equity and 40% US fixed income. Generally, strategies that have continued to maintain a value bias relative to peers outperformed in Q1. Many of the strategies that outperformed peers have continued adding to alternative exposures.

First Quarter Review - Real Assets

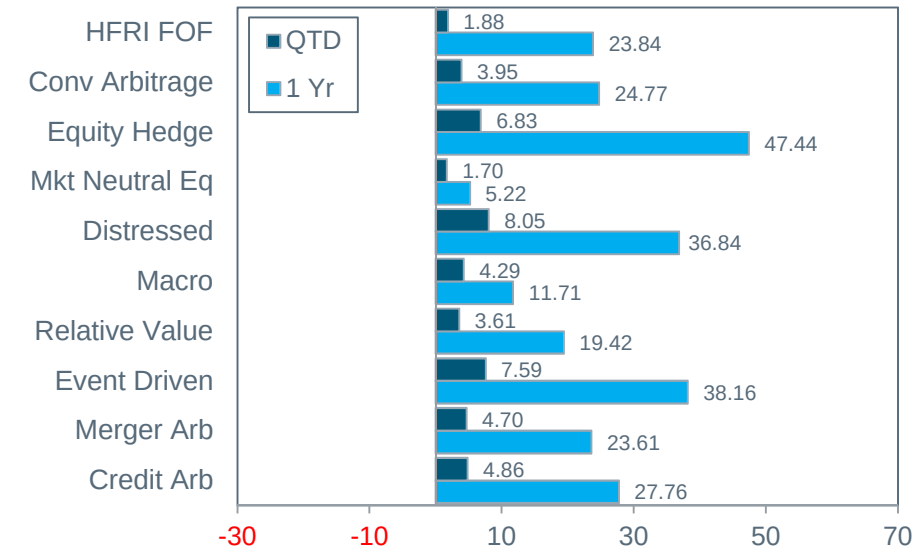
General Market - Diversified Inflation Strategies (DIS)

DIS managers that RVK follows closely largely generated positive absolute performance during Q1, ranging from low- to mid-single digits. For the quarter, traditional inflation-sensitive assets such as commodities, listed infrastructure, natural resource equities, and REITs posted positive absolute returns. Strategies with higher relative weights to these asset classes generally outperformed peers with higher relative exposures to TIPS, as the increase in yields during the quarter was a drag on performance.

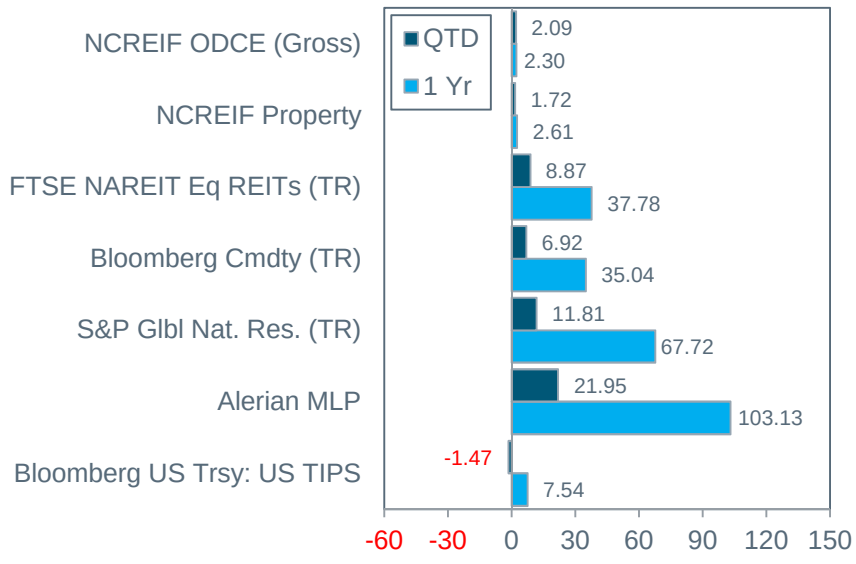
General Market - Real Estate

Core private real estate generated a gross 2.1% return in Q1, as reported by the NFI-ODCE Index, with the total return comprising of 1.0% income and 1.1% price appreciation. While the income component improved over the prior quarter and is more in line with historical levels, price appreciation rebounded meaningfully by 0.7% from the level recorded in Q4 2020. Investors of publicly traded real estate outperformed their private market counterparts.

HFRI Hedge Fund Performance (%)



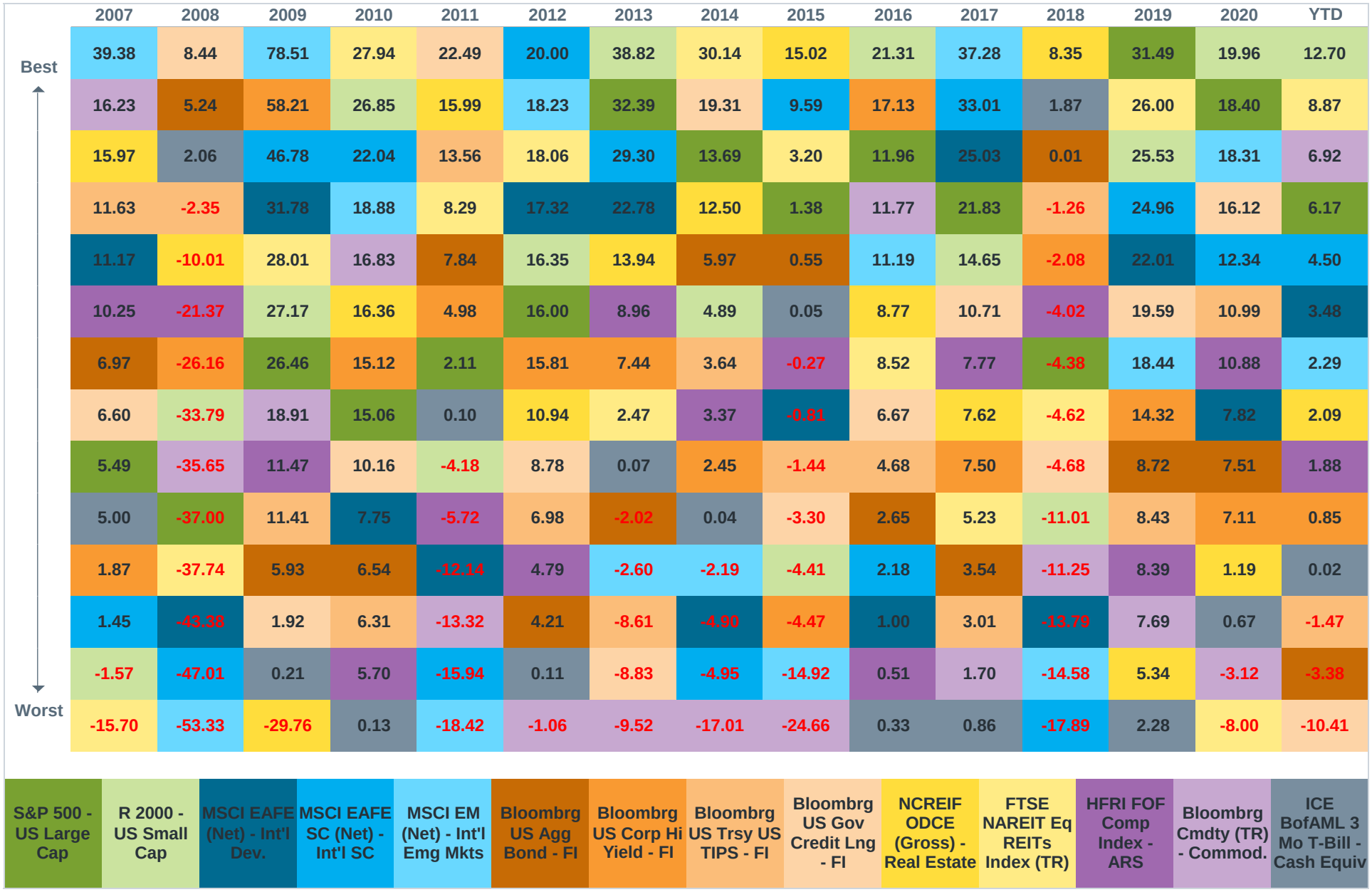
Real Asset Performance (%)



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Annual Asset Class Performance

As of March 31, 2021



NCREIF ODCE (Gross) performance is reported quarterly; performance is shown N/A in interim-quarter months.

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Total Fund



Commissioners of the Land Office, State of Oklahoma
Asset Allocation, Performance & Schedule of Investable Assets

As of March 31, 2021

Asset Allocation & Performance

	Allocation		Perf. (%)
	Market Value ($)	%	QTD
Total Fund	**2,607,327,616**	**100.00**	**3.57**
Domestic Equity	**638,554,070**	**24.49**	**11.13**
Robeco BPAM Premium Eq (SA)	114,690,880	4.40	12.24
Vanguard Hi Dv Yld;Adm (VHYAX)	220,094,578	8.44	11.03
BlackRock R 1000 Index Fund (CF)	142,361,387	5.46	5.91
Silvercrest Small Cap Value (SA)	161,407,226	6.19	15.47
MLPs	**161,823,648**	**6.21**	**18.75**
Harvest Fund Advisors MLP (SA)	161,823,648	6.21	18.75
International Equity	**276,320,383**	**10.60**	**5.80**
Vanguard I HD Y;Adm (VIHAX)	133,827,859	5.13	7.84
Vanguard Tot I S;Ins + (VTPSX)	142,492,524	5.47	3.99

Asset Allocation & Performance

	Allocation		Perf. (%)
	Market Value ($)	%	QTD
Fixed Income	**1,449,436,240**	**55.59**	**-1.45**
Dodge & Cox Fixed Income (SA)	219,201,094	8.41	-2.39
Cutwater Core Plus Select Income (SA)	227,491,073	8.73	-3.45
Guggenheim (BBB) (SA)	112,092,888	4.30	-4.75
JPMorgan MBS (SA)	219,283,350	8.41	0.04
Guggenheim CMBS (SA)	103,164,634	3.96	-2.52
Allianz Global Investors US High Yield (SA)	137,419,064	5.27	1.02
Fort Washington High Yield (SA)	136,287,474	5.23	0.15
Cohen & Steers Preferreds (SA)	268,533,748	10.30	-0.48
Oklahoma Treasurer's Cash Pool	25,889,605	0.99	0.35
Bank of Oklahoma Cash	73,310	0.00	0.05
REITs	**81,193,275**	**3.11**	**8.55**
CenterSquare US REIT Total Return Comp (SA)	81,193,275	3.11	8.55

Schedule of Investable Assets

Periods Ending	Beginning Market Value ($)	Net Cash Flow ($)	Gain/Loss ($)	Ending Market Value ($)	% Return	Unit Value
CYTD	**2,534,542,651**	**-17,264,892**	**90,049,857**	**2,607,327,616**	**3.57**	**103.57**

Allocations shown may not sum up to 100% exactly due to rounding. Performance shown is gross of fees.

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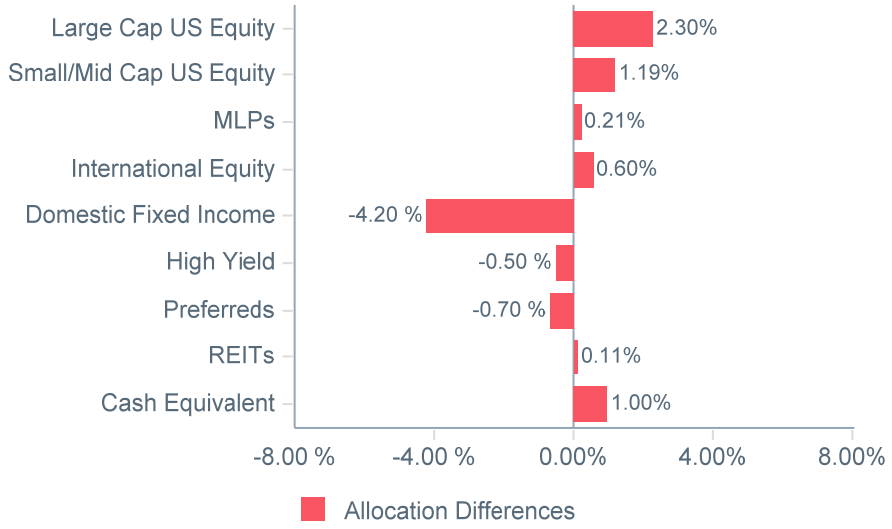
Commissioners of the Land Office, State of Oklahoma
Total Fund vs. All Master Trust - Total Fund
Asset Allocation vs. Target and Plan Sponsor Peer Group

As of March 31, 2021

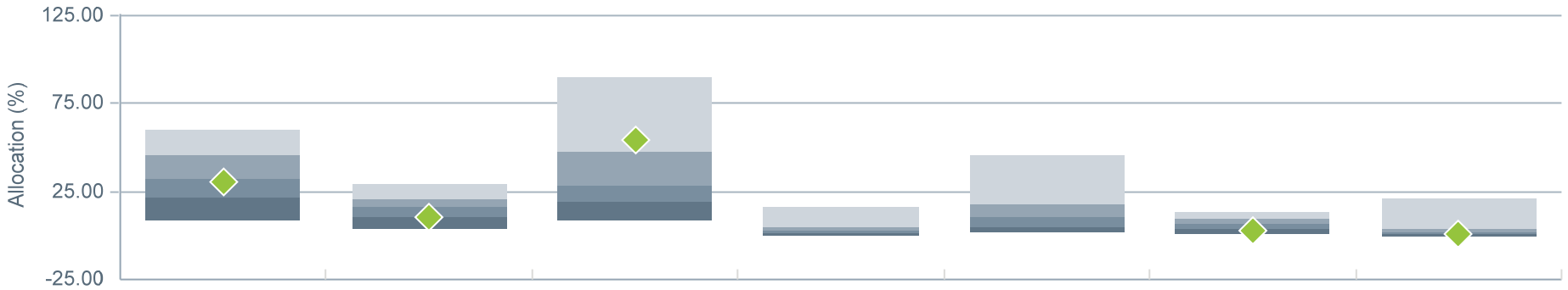
Asset Allocation vs. Target Allocation

	Market Value ($)	Allocation (%)	Target (%)
Large Cap US Equity	477,146,845	18.30	16.00
Small/Mid Cap US Equity	161,407,226	6.19	5.00
MLPs	161,823,648	6.21	6.00
International Equity	276,320,383	10.60	10.00
Domestic Fixed Income	881,233,039	33.80	38.00
High Yield	273,706,539	10.50	11.00
Preferreds	268,533,748	10.30	11.00
REITs	81,193,275	3.11	3.00
Cash Equivalent	25,962,915	1.00	0.00
Total Fund	2,607,327,616	100.00	100.00

Asset Allocation vs. Target Allocation Differences



Asset Allocation vs. All Master Trust - Total Fund



	US Equity	Global ex-US Equity	US Fixed	Global ex-US Fixed	Alternatives	Total Real Estate	Cash & Equivalents
Total Fund	30.70 (55)	10.60 (76)	54.60 (22)	N/A	N/A	3.11 (83)	1.00 (59)
Median	32.75	15.80	28.38	2.47	9.94	6.26	1.38
Population	3,584	3,189	3,257	429	1,493	1,474	2,081

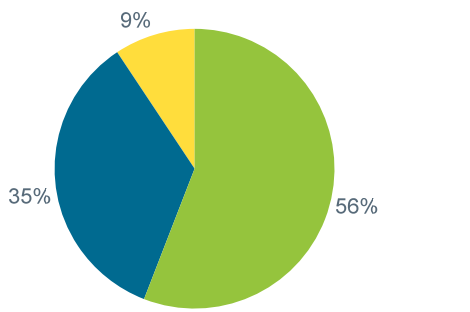
Allocations shown may not sum up to 100% exactly due to rounding. Robeco Boston Partners Premium Equity (SA) is included in the Large Cap US Equity market value. Domestic Fixed Income consists of Dodge & Cox Fixed Income (SA), Cutwater Core Plus Select Income (SA), Guggenheim (BBB) (SA), JPMorgan MBS (SA), and Guggenheim CMBS (SA). MLPs are included in the US Equity segment allocation.

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Commissioners of the Land Office, State of Oklahoma
Total Fund - Thematic and Liquidity Analysis

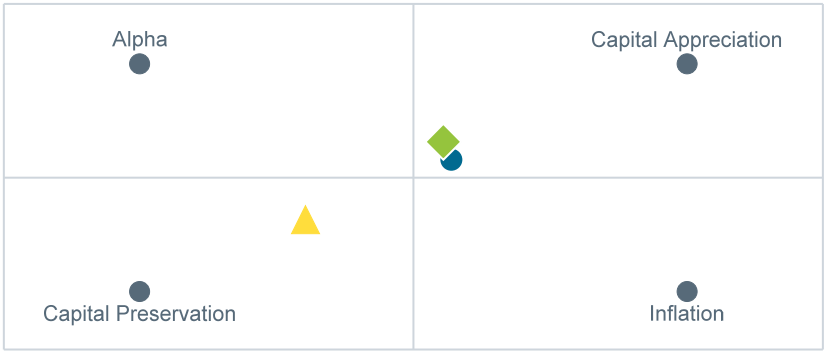
As of March 31, 2021

Asset Allocation by Theme



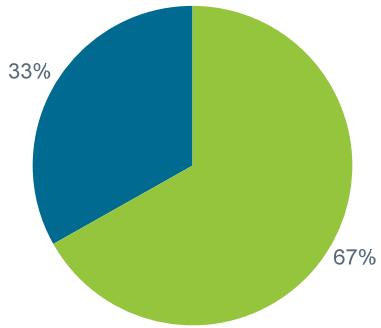
Capital Appreciation
Capital Preservation
Inflation

Thematic Analysis - July 1, 1999 to March 31, 2021



Total Fund
Target Allocation Index
Fixed Income

Asset Allocation by Liquidity



Liquid
Less Liquid

RVK Liquidity Rating	**75**

Correlation Matrix - 10 Years

	A	B	C	D
A	1.00			
B	0.70	1.00		
C	-0.27	-0.39	1.00	
D	0.60	0.79	-0.11	1.00

A	=	HFRI EH: Equity Market Neutral Index (Alpha)
B	=	MSCI ACW Index (USD) (Gross) (Capital Appreciation)
C	=	Bloomberg US Gov't Bond Index (Capital Preservation)
D	=	Real Return Custom Index (Inflation)

Asset Allocation by Theme is based on dedicated manager allocations; as such, thematic allocations are approximations. The RVK Liquidity Rating is calculated using beginning of month investment weights applied to each corresponding asset class liquidity rating. Please see the Glossary for additional information regarding liquidity, thematic, and custom index descriptions.

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Commissioners of the Land Office, State of Oklahoma
Total Fund Yield - Trailing Periods

As of February 28, 2021

	Yield %											
	MTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	Since Inception	Inception Date
Total Fund Yield	0.28	0.58	4.01	4.08	4.07	4.05	4.09	4.07	4.13	4.10	3.11	01/01/2008
Total Fund Yield ($)	$7,147,067	$13,686,569	$94,422,587	$97,010,895	$95,251,766	$93,549,818	$89,998,278	$95,683,799	$99,117,382	$97,089,967		

The Total Fund Yield is calculated by dividing the total manager income distributed by the average period market value.
Yield is arithmetically annualized for periods greater than one year. Yield shown is on a trailing basis as of the end of the prior month.

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Commissioners of the Land Office, State of Oklahoma
Comparative Performance (Net of Fees) - Trailing Periods

As of March 31, 2021

	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Total Fund	**3.51**	**3.51**	**28.79**	**6.86**	**7.26**	**5.27**	**5.98**	**6.86**	**12/01/1995**
Target Allocation Index	2.09	2.09	28.20	8.26	7.89	5.77	6.29	6.94	
Difference	1.42	1.42	0.59	-1.40	-0.63	-0.50	-0.31	-0.08	
Actual Allocation Index	3.61	3.61	28.00	6.84	6.93	4.99	5.76	N/A	
Difference	-0.10	-0.10	0.79	0.02	0.33	0.28	0.22	N/A	
Domestic Equity	**11.06**	**11.06**	**60.87**	**11.62**	**13.32**	**10.14**	**11.21**	**9.25**	**12/01/1995**
Russell 3000 Index	6.35	6.35	62.53	17.12	16.64	13.44	13.79	9.87	
Difference	4.71	4.71	-1.66	-5.50	-3.32	-3.30	-2.58	-0.62	
MLPs	**18.55**	**18.55**	**73.39**	**-1.60**	**0.55**	**-4.16**	**N/A**	**-3.90**	**03/01/2014**
MLP Custom Index	20.43	20.43	94.46	-2.43	0.40	-5.63	0.05	-5.29	
Difference	-1.88	-1.88	-21.07	0.83	0.15	1.47	N/A	1.39	
International Equity	**5.76**	**5.76**	**51.01**	**5.55**	**9.38**	**5.46**	**4.71**	**3.85**	**05/01/2007**
Vanguard Spl Tot Int'l Stock Index	3.81	3.81	51.96	6.71	9.95	5.64	5.24	3.23	
Difference	1.95	1.95	-0.95	-1.16	-0.57	-0.18	-0.53	0.62	
Fixed Income	**-1.50**	**-1.50**	**12.18**	**6.15**	**5.51**	**4.77**	**5.24**	**6.53**	**07/01/1999**
Bloomberg US Unv Bond Index	-3.05	-3.05	2.95	4.86	3.59	3.57	3.77	5.09	
Difference	1.55	1.55	9.23	1.29	1.92	1.20	1.47	1.44	
REITs	**8.42**	**8.42**	**38.01**	**10.65**	**6.32**	**8.83**	**9.39**	**9.02**	**08/01/2008**
FTSE NAREIT Eq REITs Index (TR)	8.87	8.87	37.78	9.45	5.33	7.68	8.56	7.41	
Difference	-0.45	-0.45	0.23	1.20	0.99	1.15	0.83	1.61	

RVK began monitoring the assets of Commissioners of the Land Office, State of Oklahoma as of 07/01/2005. Prior historical data was provided by the previous consultant. Performance shown is net of fees. Indices show N/A for since inception returns when the fund contains more history than the corresponding benchmark. Please see the Addendum for custom index definitions.

RVK

Commissioners of the Land Office, State of Oklahoma
Comparative Performance (Net of Fees) - Calendar Years

As of March 31, 2021

	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
Total Fund	**5.00**	**16.28**	**-5.50**	**9.56**	**9.79**	**-3.72**	**6.04**	**10.19**	**12.30**	**2.00**
Target Allocation Index	8.93	16.71	-4.45	9.25	9.35	-4.01	6.60	9.07	11.64	2.88
Difference	-3.93	-0.43	-1.05	0.31	0.44	0.29	-0.56	1.12	0.66	-0.88
Actual Allocation Index	4.24	16.12	-5.23	8.44	10.10	-4.57	6.63	9.81	11.51	2.17
Difference	0.76	0.16	-0.27	1.12	-0.31	0.85	-0.59	0.38	0.79	-0.17
Domestic Equity	**7.28**	**26.40**	**-9.72**	**16.66**	**18.93**	**-2.33**	**8.86**	**35.67**	**16.04**	**-1.96**
Russell 3000 Index	20.89	31.02	-5.24	21.13	12.74	0.48	12.56	33.55	16.42	1.03
Difference	-13.61	-4.62	-4.48	-4.47	6.19	-2.81	-3.70	2.12	-0.38	-2.99
MLPs	**-24.76**	**10.99**	**-12.99**	**-4.51**	**16.90**	**-28.45**	**N/A**	**N/A**	**N/A**	**N/A**
MLP Custom Index	-28.75	10.29	-12.56	-5.79	22.73	-33.50	7.89	29.96	5.19	14.10
Difference	3.99	0.70	-0.43	1.28	-5.83	5.05	N/A	N/A	N/A	N/A
International Equity	**6.41**	**21.50**	**-14.42**	**27.52**	**4.78**	**-4.16**	**-5.66**	**21.30**	**14.93**	**-18.14**
Vanguard Spl Tot Int'l Stock Index	11.24	21.80	-14.61	27.41	4.72	-4.29	-3.39	15.76	17.04	-14.31
Difference	-4.83	-0.30	0.19	0.11	0.06	0.13	-2.27	5.54	-2.11	-3.83
Fixed Income	**8.52**	**11.86**	**-1.01**	**6.45**	**6.27**	**0.38**	**6.11**	**2.62**	**10.55**	**5.66**
Bloomberg US Unv Bond Index	7.58	9.29	-0.25	4.09	3.91	0.43	5.56	-1.35	5.53	7.40
Difference	0.94	2.57	-0.76	2.36	2.36	-0.05	0.55	3.97	5.02	-1.74
REITs	**-3.91**	**26.76**	**-5.20**	**6.27**	**8.20**	**4.96**	**31.98**	**3.20**	**17.11**	**9.36**
FTSE NAREIT Eq REITs Index (TR)	-8.00	26.00	-4.62	5.23	8.52	3.20	30.14	2.47	18.06	8.29
Difference	4.09	0.76	-0.58	1.04	-0.32	1.76	1.84	0.73	-0.95	1.07

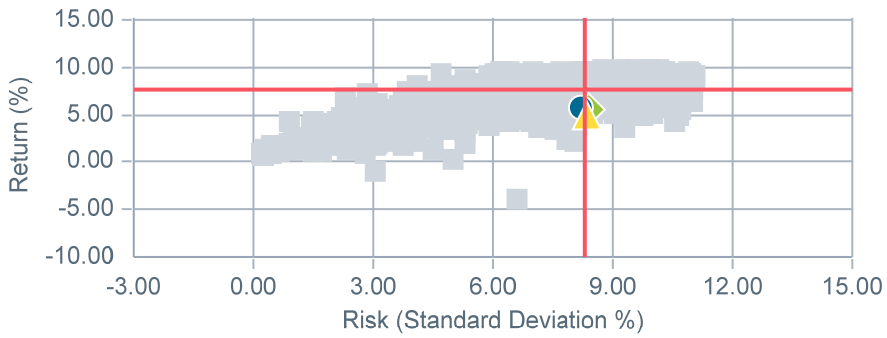
RVK began monitoring the assets of Commissioners of the Land Office, State of Oklahoma as of 07/01/2005. Prior historical data was provided by the previous consultant. Performance shown is net of fees. Please see the Addendum for custom index definitions.

RVK

Commissioners of the Land Office, State of Oklahoma
Total Fund vs. All Master Trust - Total Fund

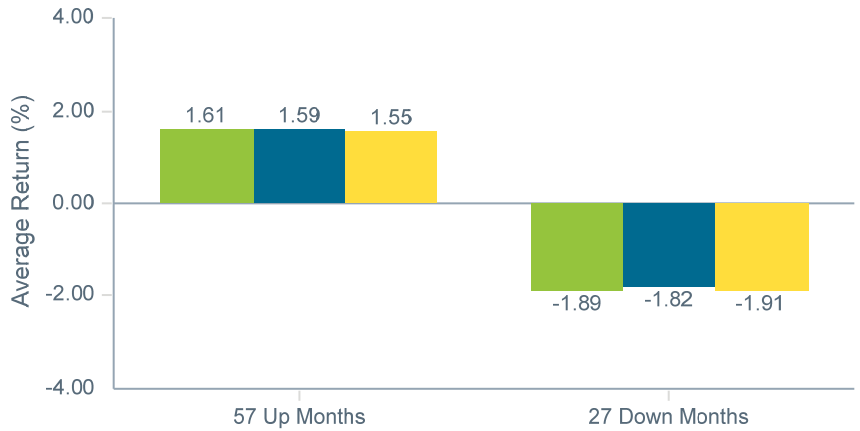
As of March 31, 2021

Plan Sponsor Scattergram - 7 Years



	Return	Standard Deviation
Total Fund	5.59	8.42
Target Allocation Index	5.77	8.20
Actual Allocation Index	4.99	8.34
Median	7.60	8.31

Up/Down Markets - 7 Years



Plan Sponsor Peer Group Analysis - Multi Statistics (Beta vs. S&P 500)



	7 Years	7 Years	7 Years	7 Years	7 Years
Total Fund	8.42 (47)	0.58 (96)	4.95 (85)	5.91 (29)	0.55 (51)
Target Allocation Index	8.20 (53)	0.62 (94)	5.10 (84)	5.41 (46)	0.54 (55)
Actual Allocation Index	8.34 (49)	0.52 (98)	4.37 (89)	5.86 (31)	0.54 (54)
Median	8.31	0.83	6.85	5.28	0.55
Population	2,965	2,965	2,965	2,965	2,965

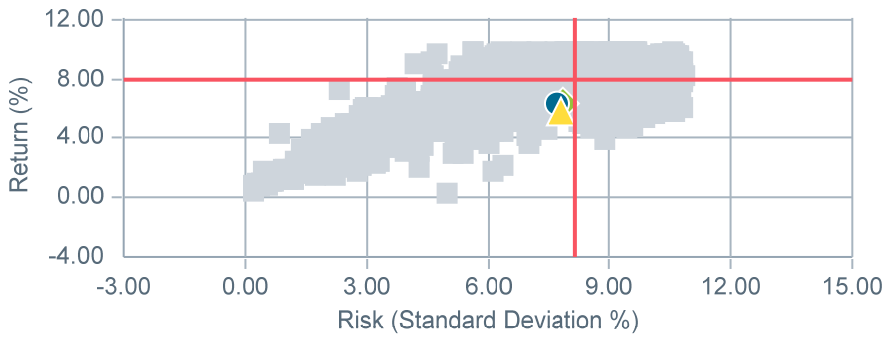
Performance shown is gross of fees. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

RVK

Commissioners of the Land Office, State of Oklahoma
Total Fund vs. All Master Trust - Total Fund

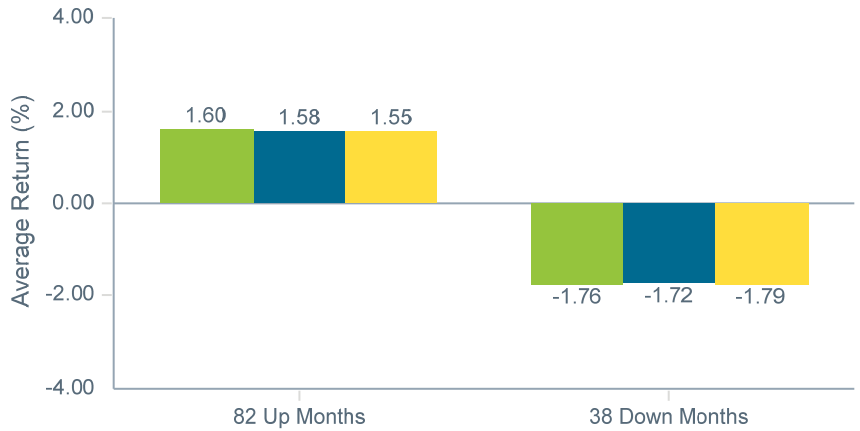
As of March 31, 2021

Plan Sponsor Scattergram - 10 Years



	Return	Standard Deviation
Total Fund	6.32	7.86
Target Allocation Index	6.29	7.70
Actual Allocation Index	5.76	7.80
Median	7.91	8.14

Up/Down Markets - 10 Years



Plan Sponsor Peer Group Analysis - Multi Statistics (Beta vs. S&P 500)



	10 Years	10 Years	10 Years	10 Years	10 Years
Total Fund	7.86 (57)	0.74 (88)	5.83 (81)	5.35 (43)	0.53 (58)
Target Allocation Index	7.70 (61)	0.75 (86)	5.78 (82)	4.95 (55)	0.52 (60)
Actual Allocation Index	7.80 (58)	0.67 (95)	5.29 (85)	5.31 (44)	0.53 (59)
Median	8.14	0.91	7.34	5.08	0.56
Population	2,568	2,568	2,568	2,568	2,568

Performance shown is gross of fees. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

RVK

Commissioners of the Land Office, State of Oklahoma
Comparative Performance (Gross of Fees) - Trailing Periods

As of March 31, 2021

	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Total Fund	**3.57**	**3.57**	**29.11**	**7.14**	**7.55**	**5.59**	**6.32**	**7.08**	**12/01/1995**
Target Allocation Index	2.09	2.09	28.20	8.26	7.89	5.77	6.29	6.94	
Difference	1.48	1.48	0.91	-1.12	-0.34	-0.18	0.03	0.14	
Actual Allocation Index	3.61	3.61	28.00	6.84	6.93	4.99	5.76	N/A	
Difference	-0.04	-0.04	1.11	0.30	0.62	0.60	0.56	N/A	
All Master Trust - Total Fund Median	2.66	2.66	32.42	9.41	9.75	7.60	7.91	7.70	
Rank	28	28	62	84	82	86	81	77	
Domestic Equity	**11.13**	**11.13**	**61.26**	**11.91**	**13.65**	**10.49**	**11.60**	**9.52**	**12/01/1995**
Russell 3000 Index	6.35	6.35	62.53	17.12	16.64	13.44	13.79	9.87	
Difference	4.78	4.78	-1.27	-5.21	-2.99	-2.95	-2.19	-0.35	
All Master Trust-US Equity Segment Median	6.61	6.61	60.10	15.42	15.71	12.45	12.83	9.73	
Rank	5	5	47	88	80	79	74	58	
MLPs	**18.75**	**18.75**	**74.63**	**-0.90**	**1.25**	**-3.49**	**N/A**	**-3.23**	**03/01/2014**
MLP Custom Index	20.43	20.43	94.46	-2.43	0.40	-5.63	0.05	-5.29	
Difference	-1.68	-1.68	-19.83	1.53	0.85	2.14	N/A	2.06	
International Equity	**5.80**	**5.80**	**51.25**	**5.66**	**9.47**	**5.63**	**4.99**	**4.22**	**05/01/2007**
Vanguard Spl Tot Int'l Stock Index	3.81	3.81	51.96	6.71	9.95	5.64	5.24	3.23	
Difference	1.99	1.99	-0.71	-1.05	-0.48	-0.01	-0.25	0.99	
All Master Trust-Intl. Equity Segment Median	3.82	3.82	53.02	7.52	10.70	6.47	6.48	4.32	
Rank	15	15	60	84	83	79	93	56	
Fixed Income	**-1.45**	**-1.45**	**12.41**	**6.40**	**5.76**	**5.02**	**5.50**	**6.73**	**07/01/1999**
Bloomberg US Unv Bond Index	-3.05	-3.05	2.95	4.86	3.59	3.57	3.77	5.09	
Difference	1.60	1.60	9.46	1.54	2.17	1.45	1.73	1.64	
All Master Trust-US Fixed Income Segment Median	-2.79	-2.79	4.70	5.30	4.23	3.88	4.28	5.39	
Rank	24	24	5	23	17	26	25	27	
REITs	**8.55**	**8.55**	**38.69**	**11.21**	**6.87**	**9.40**	**9.97**	**9.58**	**08/01/2008**
FTSE NAREIT Eq REITs Index (TR)	8.87	8.87	37.78	9.45	5.33	7.68	8.56	7.41	
Difference	-0.32	-0.32	0.91	1.76	1.54	1.72	1.41	2.17	

RVK began monitoring the assets of Commissioners of the Land Office, State of Oklahoma as of 07/01/2005. Prior historical data was provided by the previous consultant. Performance shown is gross of fees. Please see the Addendum for custom index definitions.

RVK

Commissioners of the Land Office, State of Oklahoma
Comparative Performance (Gross of Fees) - Calendar Years

As of March 31, 2021

	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
Total Fund	**5.27**	**16.58**	**-5.23**	**9.88**	**10.12**	**-3.38**	**6.44**	**10.57**	**12.73**	**2.38**
Target Allocation Index	8.93	16.71	-4.45	9.25	9.35	-4.01	6.60	9.07	11.64	2.88
Difference	-3.66	-0.13	-0.78	0.63	0.77	0.63	-0.16	1.50	1.09	-0.50
Actual Allocation Index	4.24	16.12	-5.23	8.44	10.10	-4.57	6.63	9.81	11.51	2.17
Difference	1.03	0.46	0.00	1.44	0.02	1.19	-0.19	0.76	1.22	0.21
All Master Trust - Total Fund Median	12.46	18.55	-4.29	14.98	7.65	-0.72	6.60	14.69	12.66	0.80
Rank	95	70	68	90	7	91	53	76	49	32
Domestic Equity	**7.55**	**26.72**	**-9.44**	**17.05**	**19.35**	**-1.97**	**9.26**	**36.12**	**16.64**	**-1.44**
Russell 3000 Index	20.89	31.02	-5.24	21.13	12.74	0.48	12.56	33.55	16.42	1.03
Difference	-13.34	-4.30	-4.20	-4.08	6.61	-2.45	-3.30	2.57	0.22	-2.47
All Master Trust-US Equity Segment Median	18.13	28.73	-5.79	20.71	12.45	0.27	11.08	33.35	16.63	0.13
Rank	96	67	95	90	2	83	78	19	50	75
MLPs	**-24.20**	**11.75**	**-12.39**	**-3.85**	**17.70**	**-27.94**	**N/A**	**N/A**	**N/A**	**N/A**
MLP Custom Index	-28.75	10.29	-12.56	-5.79	22.73	-33.50	7.89	29.96	5.19	14.10
Difference	4.55	1.46	0.17	1.94	-5.03	5.56	N/A	N/A	N/A	N/A
International Equity	**6.56**	**21.58**	**-14.36**	**27.61**	**4.85**	**-3.91**	**-5.16**	**21.95**	**15.46**	**-17.65**
Vanguard Spl Tot Int'l Stock Index	11.24	21.80	-14.61	27.41	4.72	-4.29	-3.39	15.76	17.04	-14.31
Difference	-4.68	-0.22	0.25	0.20	0.13	0.38	-1.77	6.19	-1.58	-3.34
All Master Trust-Intl. Equity Segment Median	11.70	22.67	-13.69	28.21	4.37	-2.94	-2.23	18.66	18.39	-12.55
Rank	89	75	64	57	42	63	95	26	91	100
Fixed Income	**8.76**	**12.13**	**-0.76**	**6.71**	**6.53**	**0.63**	**6.38**	**2.89**	**10.83**	**5.94**
Bloomberg US Unv Bond Index	7.58	9.29	-0.25	4.09	3.91	0.43	5.56	-1.35	5.53	7.40
Difference	1.18	2.84	-0.51	2.62	2.62	0.20	0.82	4.24	5.30	-1.46
All Master Trust-US Fixed Income Segment Median	8.58	9.09	-0.39	4.78	4.24	-0.01	6.01	-1.82	7.78	7.78
Rank	48	28	59	28	28	30	42	4	12	77
REITs	**-3.42**	**27.39**	**-4.71**	**6.84**	**8.78**	**5.52**	**32.68**	**3.76**	**17.72**	**10.04**
FTSE NAREIT Eq REITs Index (TR)	-8.00	26.00	-4.62	5.23	8.52	3.20	30.14	2.47	18.06	8.29
Difference	4.58	1.39	-0.09	1.61	0.26	2.32	2.54	1.29	-0.34	1.75

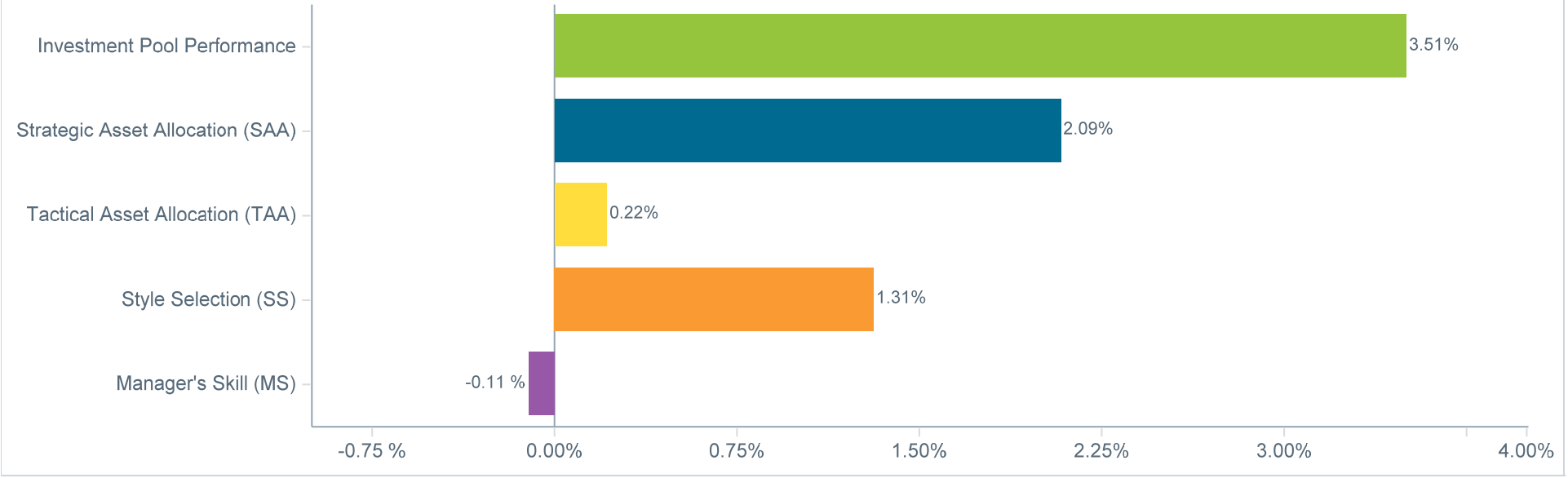
RVK began monitoring the assets of Commissioners of the Land Office, State of Oklahoma as of 07/01/2005. Prior historical data was provided by the previous consultant. Performance shown is gross of fees. Please see the Addendum for custom index definitions.

RVK

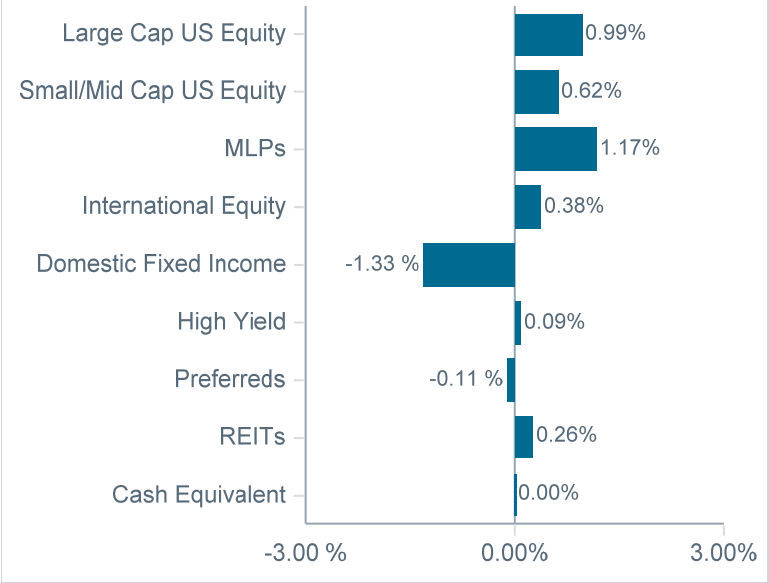
Commissioners of the Land Office, State of Oklahoma
Total Fund Attribution - IDP

Quarter To Date Ending March 31, 2021

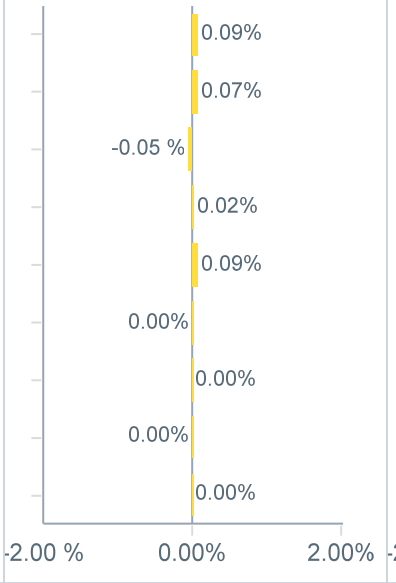
Performance Attribution



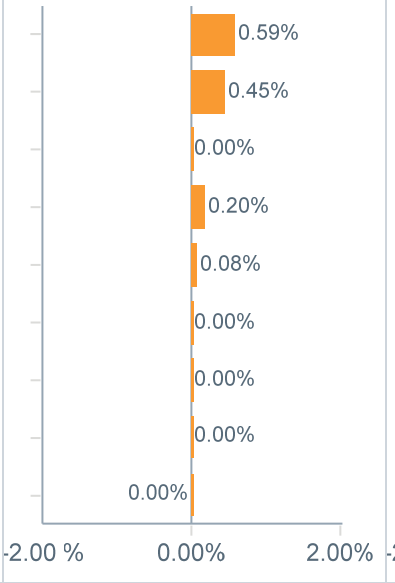
SAA: 2.09%



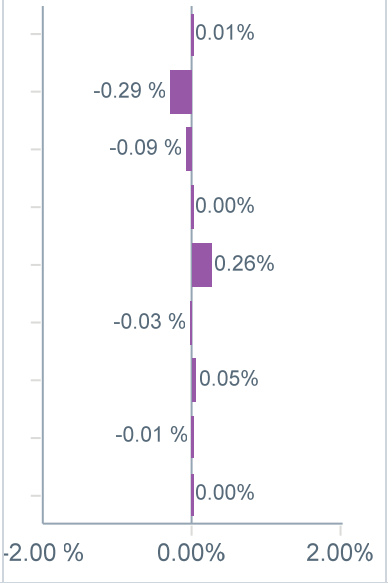
TAA: 0.22%



SS: 1.31%



MS: -0.11 %



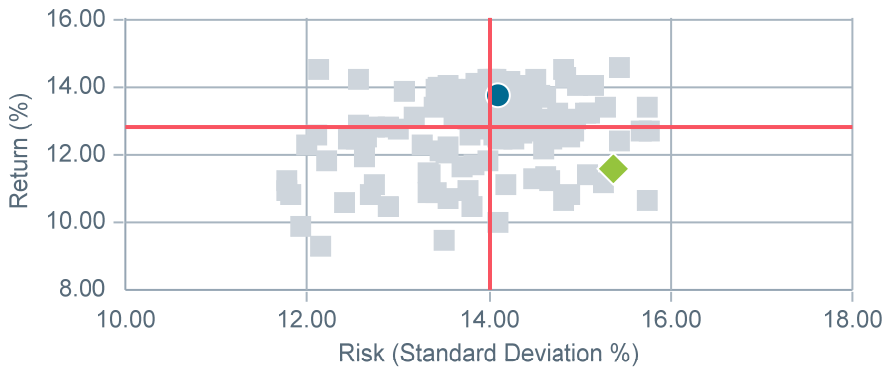
Performance shown is net of fees. Calculation is based on monthly periodicity. See Glossary for additional information regarding the Total Fund Attribution - IDP calculation.

RVK

Commissioners of the Land Office, State of Oklahoma
Domestic Equity vs. All Master Trust-US Equity Segment

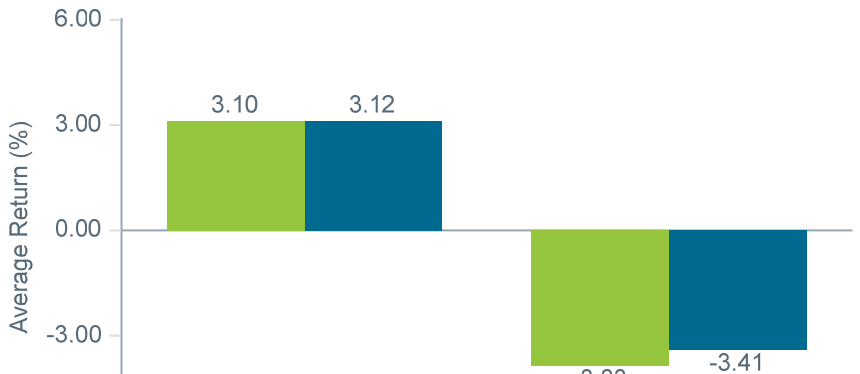
As of March 31, 2021

Plan Sponsor Scattergram - 10 Years

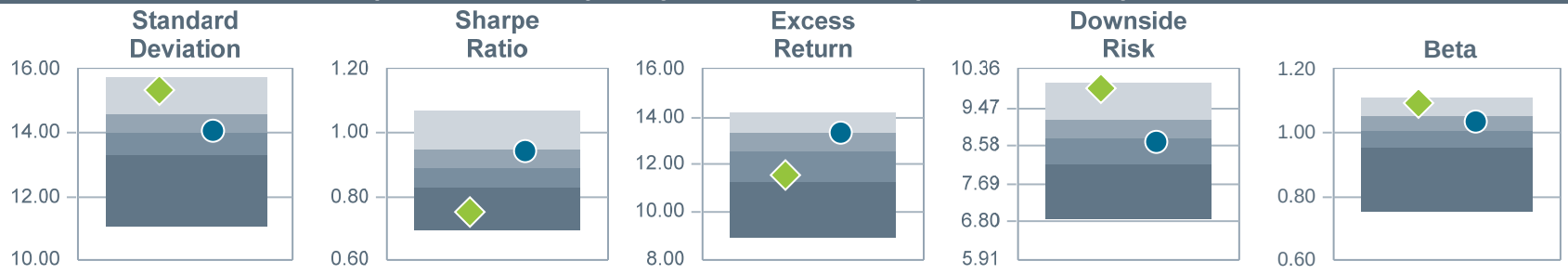


	Return	Standard Deviation
Domestic Equity	11.60	15.37
Russell 3000 Index	13.79	14.09
Median	12.83	14.02

Up/Down Markets - 10 Years



Plan Sponsor Peer Group Analysis - Multi Statistics (Beta vs. S&P 500)



	10 Years	10 Years	10 Years	10 Years	10 Years
Domestic Equity	15.37 (10)	0.75 (91)	11.59 (72)	9.91 (8)	1.10 (9)
Russell 3000 Index	14.09 (46)	0.94 (30)	13.35 (26)	8.67 (55)	1.04 (34)
Median	14.02	0.89	12.56	8.77	1.01
Population	161	161	161	161	161

Performance shown is gross of fees. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

RVK

Commissioners of the Land Office, State of Oklahoma
Domestic Equity vs. Russell 3000 Index
Portfolio Characteristics

As of March 31, 2021

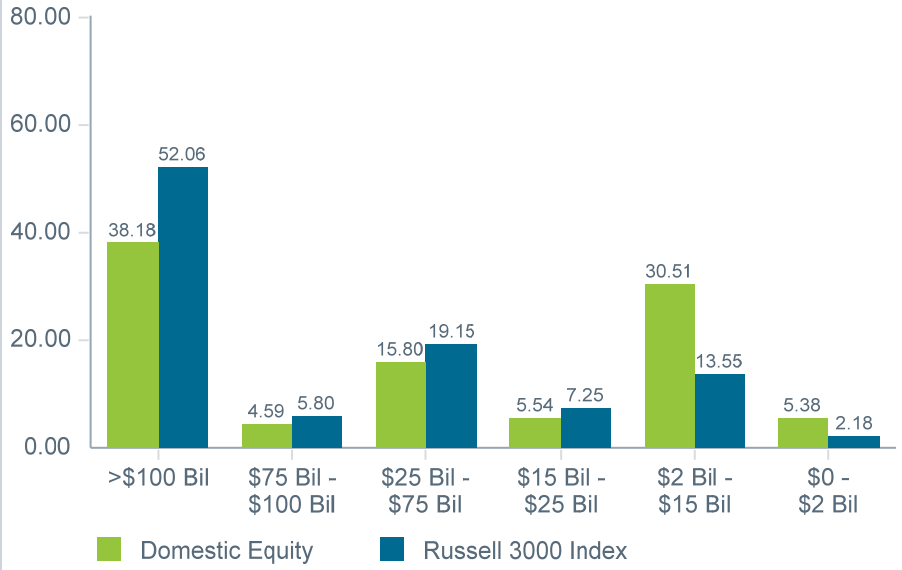
Top Ten Equity Holdings

	Portfolio Weight (%)	Benchmark Weight (%)	Active Weight (%)	Quarterly Return (%)
JPMorgan Chase & Co	1.91	1.14	0.77	20.66
Johnson & Johnson	1.91	1.07	0.84	5.08
Bank of America Corp	1.41	0.74	0.67	28.28
Apple Inc	1.15	4.80	-3.65	-7.81
Procter & Gamble Co (The)	1.09	0.82	0.27	-2.08
Home Depot Inc. (The)	1.09	0.81	0.28	15.63
Microsoft Corp	1.05	4.38	-3.33	6.25
Pfizer Inc	0.93	0.50	0.43	-0.50
Cisco Systems Inc	0.89	0.54	0.35	16.50
Intel Corp	0.87	0.65	0.22	29.22
% of Portfolio	12.30	15.45	-3.15	

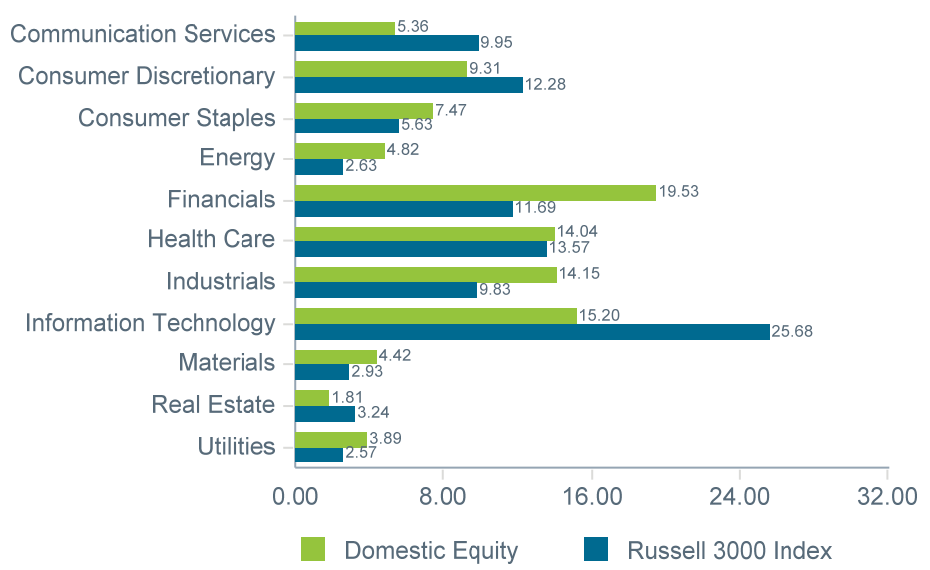
Portfolio Characteristics

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	166,776	385,239
Median Mkt. Cap ($M)	10,593	2,265
Price/Earnings Ratio	25.36	29.31
Price/Book Ratio	2.96	4.30
5 Yr. EPS Growth Rate (%)	8.75	17.01
Current Yield (%)	1.88	1.37
Beta (5 Years, Monthly)	1.04	1.00
Number of Securities	1,238	3,079

Distribution of Market Capitalization (%)



Sector Weights (%)



RVK

Commissioners of the Land Office, State of Oklahoma
MLPs vs. S&P MLP Index (TR)
Portfolio Characteristics

As of March 31, 2021

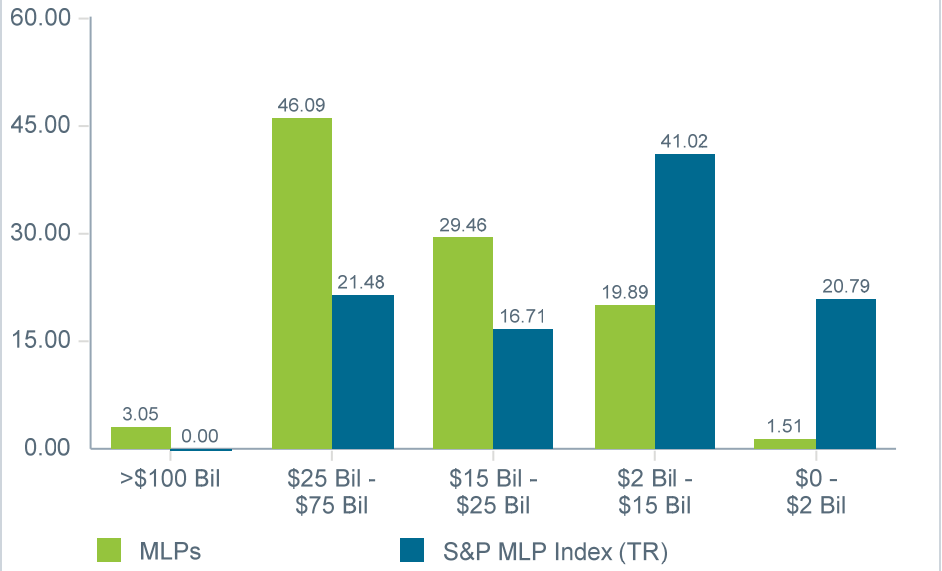
Top Ten Equity Holdings

	Portfolio Weight (%)	Benchmark Weight (%)	Active Weight (%)	Quarterly Return (%)
MPLX LP	13.01	6.68	6.33	21.84
Cheniere Energy Inc.	12.96	0.00	12.96	19.96
Enterprise Products Partners LP	11.44	14.79	-3.35	14.87
Enbridge Inc	9.66	0.00	9.66	15.92
Williams Cos Inc. (The)	7.75	0.00	7.75	20.18
Pembina Pipeline Corp	6.07	0.00	6.07	24.07
Targa Resources Corp	5.44	0.00	5.44	20.80
Energy Transfer LP	5.23	12.07	-6.84	27.09
ONEOK Inc	5.20	0.00	5.20	35.09
Western Midstream Partners LP	4.88	4.98	-0.10	37.36
% of Portfolio	81.64	38.52	43.12	

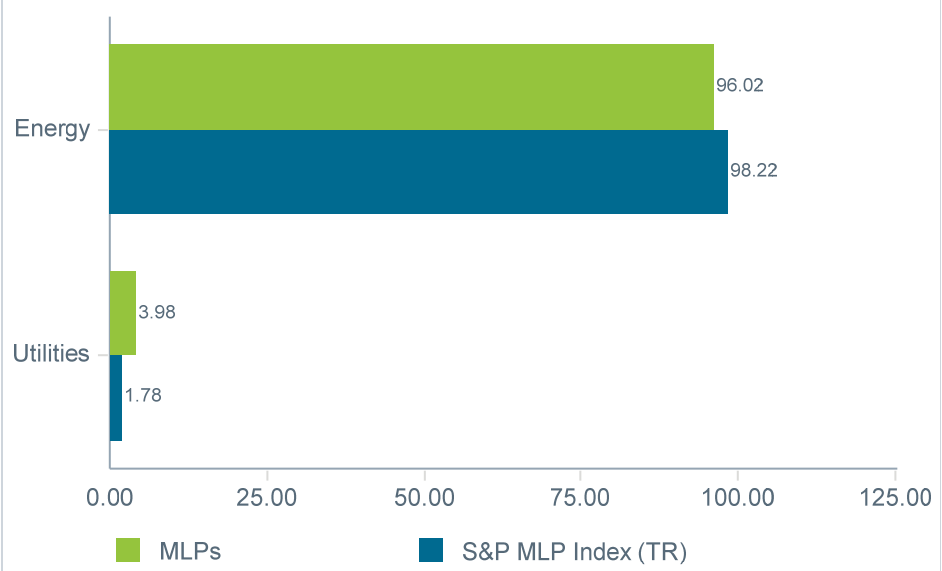
Portfolio Characteristics

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	31,785	14,926
Median Mkt. Cap ($M)	12,844	2,102
Price/Earnings Ratio	22.36	13.54
Price/Book Ratio	2.07	2.16
5 Yr. EPS Growth Rate (%)	-3.31	3.45
Current Yield (%)	6.38	8.36
Beta (5 Years, Monthly)	0.82	1.00
Number of Securities	22	29

Distribution of Market Capitalization (%)



Sector Weights (%)

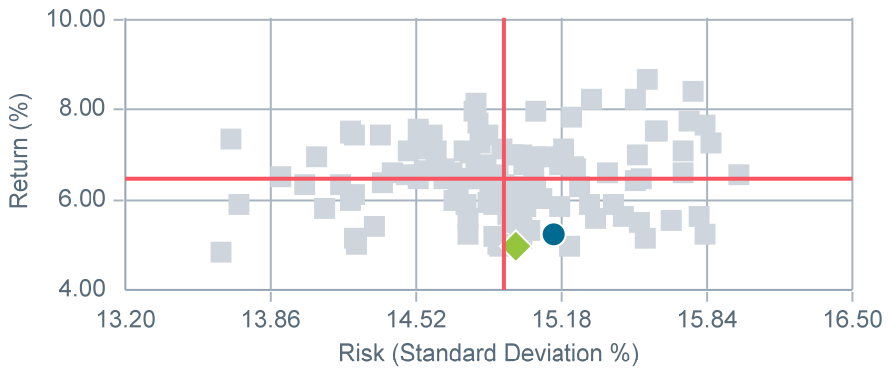


RVK

Commissioners of the Land Office, State of Oklahoma
International Equity vs. All Master Trust-Intl. Equity Segment

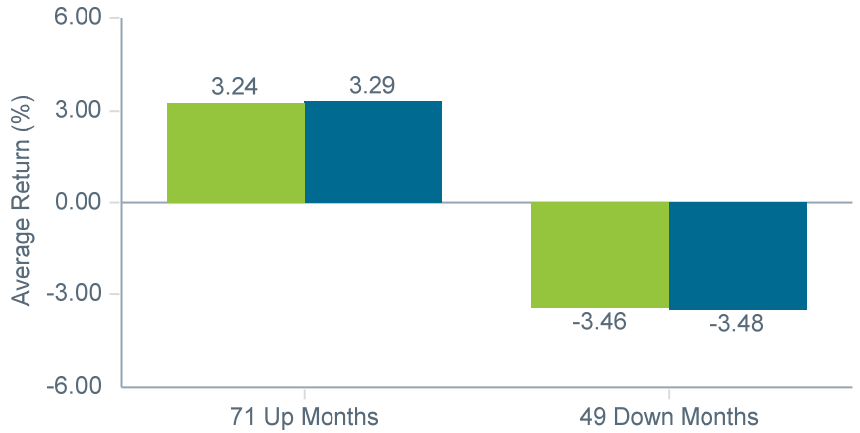
As of March 31, 2021

Plan Sponsor Scattergram - 10 Years

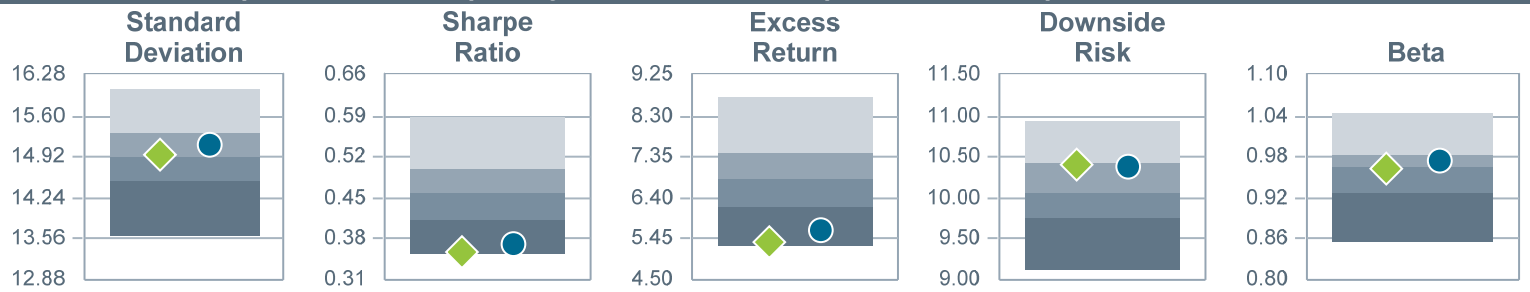


	Return	Standard Deviation
International Equity	4.99	14.97
Vanguard Spl Tot Int'l Stock Index	5.24	15.14
Median	6.48	14.92

Up/Down Markets - 10 Years



Plan Sponsor Peer Group Analysis - Multi Statistics (Beta vs. S&P 500)



	10 Years	10 Years	10 Years	10 Years	10 Years
International Equity	14.97 (46)	0.36 (94)	5.39 (93)	10.42 (26)	0.96 (56)
Vanguard Spl Tot Int'l Stock Index	15.14 (32)	0.37 (90)	5.65 (88)	10.39 (26)	0.98 (38)
Median	14.92	0.46	6.84	10.06	0.97
Population	139	139	139	139	139

Performance shown is gross of fees. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

RVK

Commissioners of the Land Office, State of Oklahoma
International Equity vs. Vanguard Spl Tot Int'l Stock Index
Portfolio Characteristics

As of March 31, 2021

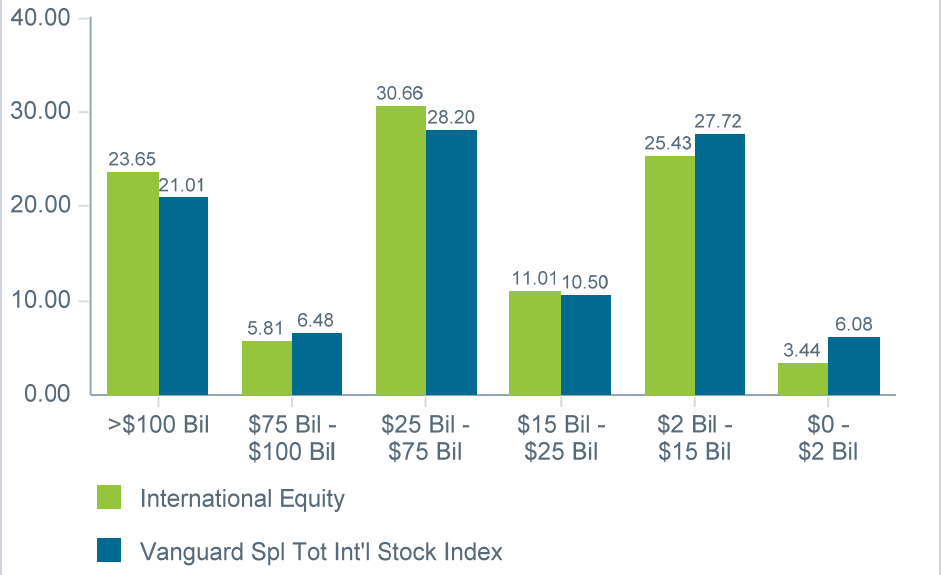
Top Ten Equity Holdings

	Portfolio Weight (%)	Benchmark Weight (%)	Active Weight (%)	Quarterly Return (%)
Nestle SA, Cham Und Vevey	1.83	1.04	0.79	-8.71
Toyota Motor Corp	1.14	0.64	0.50	-0.84
Roche Holding AG	1.11	0.75	0.36	-4.46
Novartis AG	1.08	0.61	0.47	-5.89
Taiwan Semiconductor Mfg	0.87	1.65	-0.78	9.66
Unilever PLC	0.84	0.47	0.37	-5.90
Tencent Holdings LTD	0.79	1.50	-0.71	7.85
Astrazeneca PLC	0.79	0.44	0.35	-0.15
Royal Bank of Canada	0.78	0.44	0.34	13.51
Siemens AG	0.73	0.41	0.32	17.24
% of Portfolio	9.96	7.95	2.01	

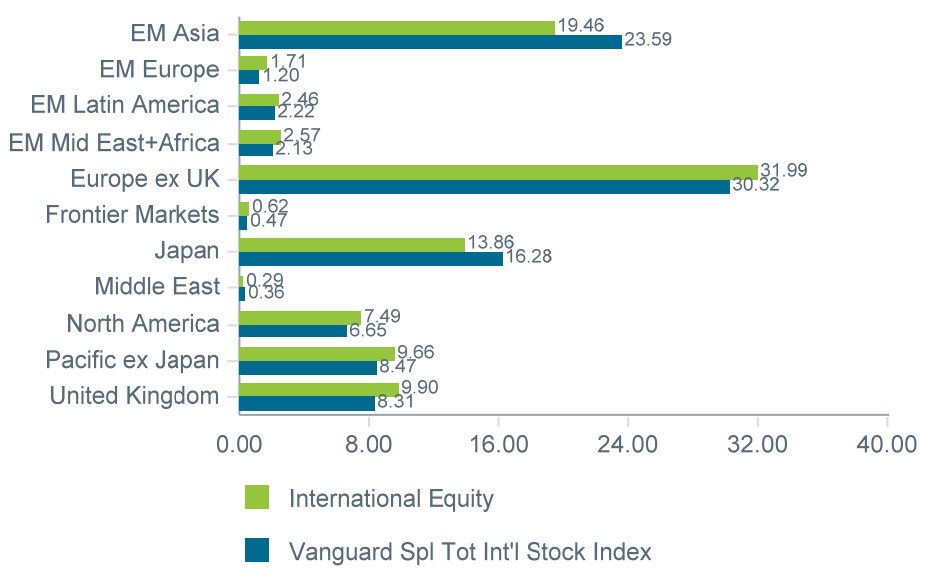
Portfolio Characteristics

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	96,127	85,446
Median Mkt. Cap ($M)	2,121	1,895
Price/Earnings Ratio	16.73	20.63
Price/Book Ratio	2.26	2.61
5 Yr. EPS Growth Rate (%)	4.22	5.98
Current Yield (%)	2.79	2.23
Beta (5 Years, Monthly)	1.02	1.00
Number of Securities	7,312	7,448

Distribution of Market Capitalization (%)



Region Weights (%)

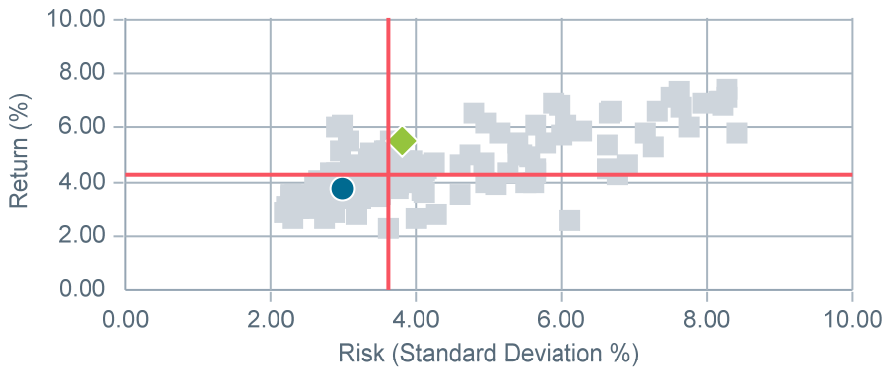


RVK

Commissioners of the Land Office, State of Oklahoma
Fixed Income vs. All Master Trust-US Fixed Income Segment

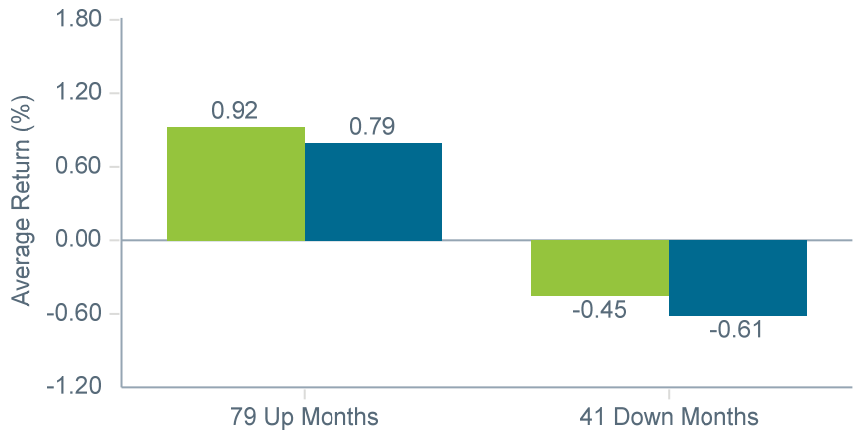
As of March 31, 2021

Plan Sponsor Scattergram - 10 Years

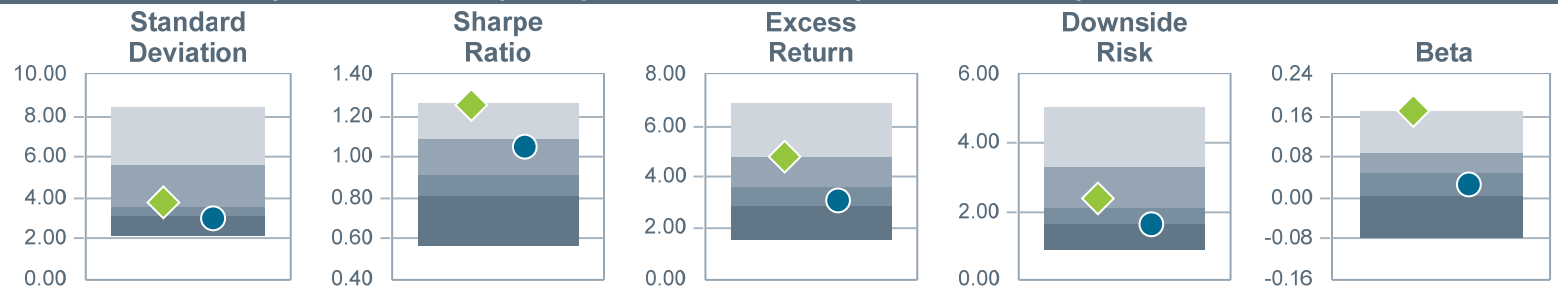


	Return	Standard Deviation
Fixed Income	5.50	3.80
Bloomberg US Unv Bond Index	3.77	2.98
Median	4.28	3.62

Up/Down Markets - 10 Years



Plan Sponsor Peer Group Analysis - Multi Statistics (Beta vs. S&P 500)



	10 Years	10 Years	10 Years	10 Years	10 Years
Fixed Income	3.80 (45)	1.25 (6)	4.81 (27)	2.38 (40)	0.17 (5)
Bloomberg US Unv Bond Index	2.98 (78)	1.05 (32)	3.12 (70)	1.64 (73)	0.03 (62)
Median	3.62	0.92	3.62	2.13	0.05
Population	160	160	160	160	160

Performance shown is gross of fees. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

RVK

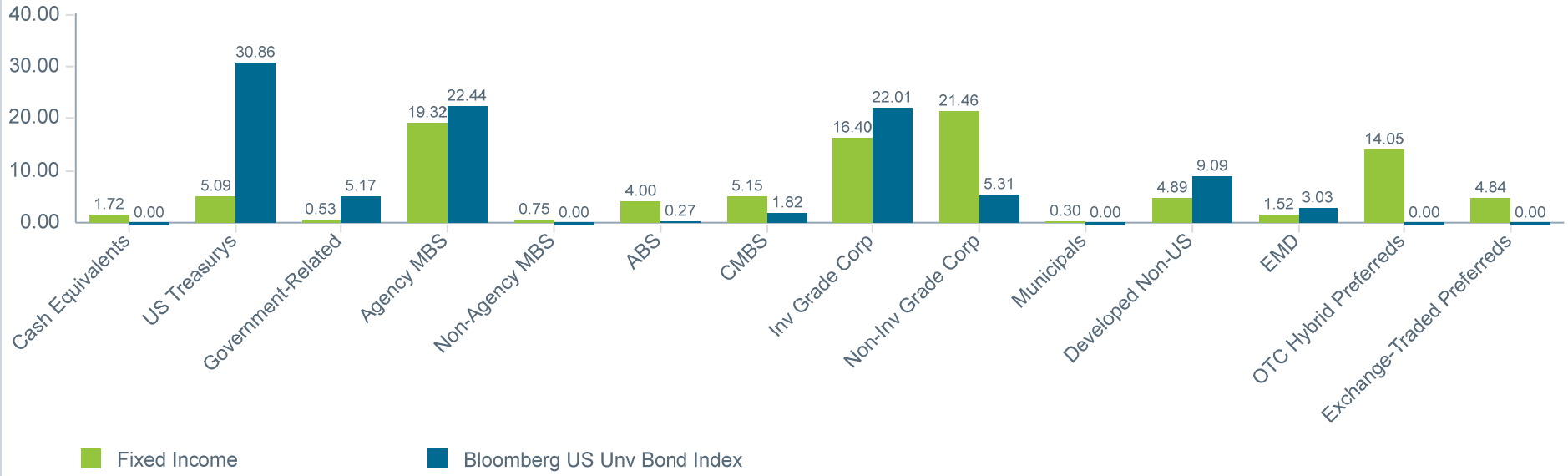
Commissioners of the Land Office, State of Oklahoma
Fixed Income vs. Bloomberg US Unv Bond Index
Portfolio Characteristics

As of March 31, 2021

Portfolio Characteristics

	Portfolio	Benchmark
Avg. Maturity	11.00	8.28
Avg. Quality	Baa1	N/A
Yield To Maturity (%)	3.46	1.99
Yield To Worst (%)	2.60	1.94
Coupon Rate (%)	3.70	2.98
Current Yield (%)	4.15	N/A

Sector Distribution (%)



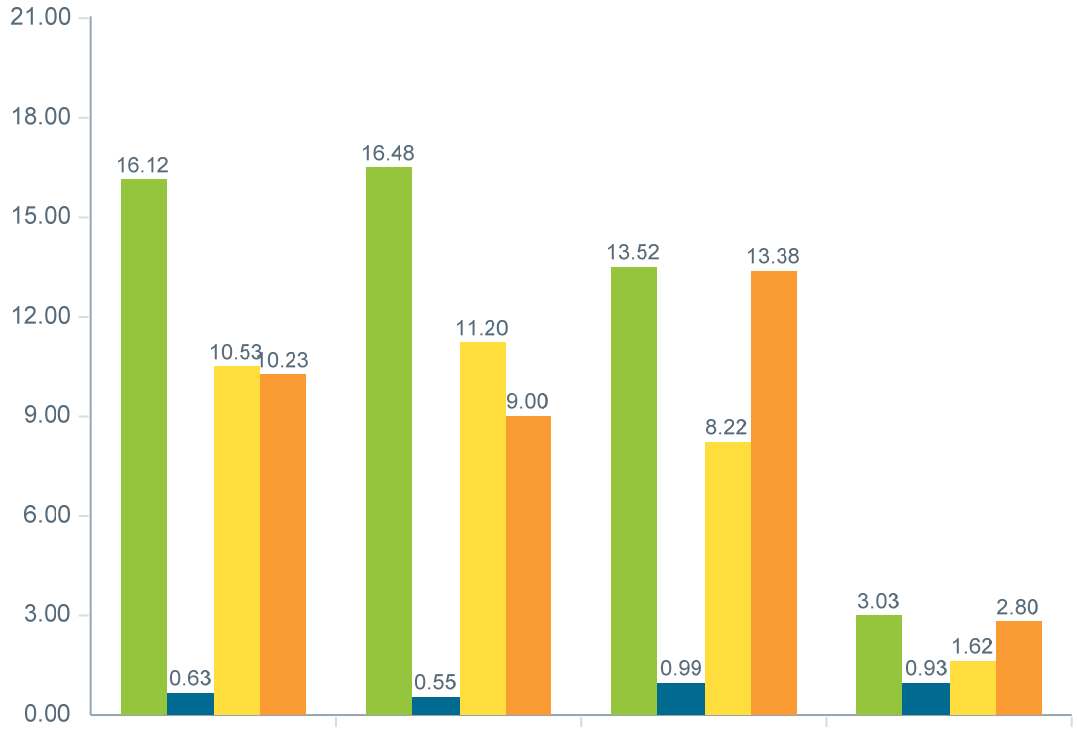
Total Fixed Income sector allocations reflect the market value weighted average of the underlying manager allocations excluding the Bank of Oklahoma Cash and Oklahoma Treasurer's Cash Pool.

RVK

Comparative Performance

	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	Since Incep.	Inception Date
REITs	**8.55**	**8.55**	**38.69**	**11.21**	**6.87**	**9.40**	**9.97**	**-3.42**	**27.39**	**-4.71**	**6.84**	**9.58**	**08/01/2008**
FTSE NAREIT Eq REITs Index (TR)	8.87	8.87	37.78	9.45	5.33	7.68	8.56	-8.00	26.00	-4.62	5.23	7.41	
Difference	-0.32	-0.32	0.91	1.76	1.54	1.72	1.41	4.58	1.39	-0.09	1.61	2.17	

Historical Statistics - 10 Years



	REITs	FTSE NAREIT Eq REITs Index (TR)	S&P 500 Index (Cap Wtd)	Bloomberg US Agg Bond Index
Standard Deviation	16.12	16.48	13.52	3.03
Sharpe Ratio	0.63	0.55	0.99	0.93
Downside Risk	10.53	11.20	8.22	1.62
Excess Return	10.23	9.00	13.38	2.80

Actual Correlation - 10 Years

	Actual Correlation
FTSE NAREIT Eq REITs Index (TR)	1.00
S&P 500 Index (Cap Wtd)	0.67
Russell 2000 Index	0.66
MSCI EAFE Index (USD) (Net)	0.61
MSCI Emg Mkts Index (USD) (Net)	0.56
Bloomberg US Agg Bond Index	0.35
Bloomberg US Trsy US TIPS Index	0.44
Wilshire US REIT Index	1.00
HFN FOF Multi-Strat Index (Net)	0.55
Bloomberg Cmdty Index (TR)	0.35
ICE BofAML 3 Mo US T-Bill Index	-0.14
Cons Price Index (Unadjusted)	-0.03

Performance shown is gross of fees. Calculation is based on monthly periodicity.

RVK

Commissioners of the Land Office, State of Oklahoma
Comparative Performance (Net of Fees) - Trailing Periods

As of March 31, 2021

	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
Robeco BPAM Premium Eq (SA)	**12.11**	**12.11**	**64.22**	**10.17**	**12.93**	**10.33**	**11.97**	**11.85**	**01/01/1996**
Russell 3000 Val Custom Index	11.89	11.89	58.38	10.99	11.87	9.35	10.91	10.31	
Difference	0.22	0.22	5.84	-0.82	1.06	0.98	1.06	1.54	
Vanguard Hi Dv Yld;Adm (VHYAX)	**11.01**	**11.01**	**47.62**	**10.50**	**N/A**	**N/A**	**N/A**	**11.21**	**10/01/2016**
FTSE Hi Div Yld Index	11.03	11.03	47.66	10.57	11.44	10.42	12.11	11.31	
Difference	-0.02	-0.02	-0.04	-0.07	N/A	N/A	N/A	-0.10	
BlackRock R 1000 Index Fund (CF)	**5.90**	**5.90**	**60.28**	**17.25**	**16.58**	**13.57**	**N/A**	**14.63**	**04/01/2013**
Russell 1000 Index	5.91	5.91	60.59	17.31	16.66	13.64	13.97	14.70	
Difference	-0.01	-0.01	-0.31	-0.06	-0.08	-0.07	N/A	-0.07	
Silvercrest Small Cap Value (SA)	**15.33**	**15.33**	**81.47**	**10.60**	**12.78**	**9.42**	**10.70**	**10.90**	**06/01/2002**
Russell 2000 Val Index	21.17	21.17	97.05	11.57	13.56	8.93	10.06	8.91	
Difference	-5.84	-5.84	-15.58	-0.97	-0.78	0.49	0.64	1.99	
Harvest Fund Advisors MLP (SA)	**18.55**	**18.55**	**73.39**	**-0.53**	**1.41**	**-3.51**	**N/A**	**-3.26**	**03/01/2014**
S&P MLP Index (TR)	20.43	20.43	94.46	-2.32	0.45	-5.93	-0.21	-5.61	
Difference	-1.88	-1.88	-21.07	1.79	0.96	2.42	N/A	2.35	
Vanguard I HD Y;Adm (VIHAX)	**7.77**	**7.77**	**49.20**	**N/A**	**N/A**	**N/A**	**N/A**	**49.20**	**04/01/2020**
FTSE All Wrld Ex US Hi Div Yld Index	7.86	7.86	48.61	4.13	8.03	3.28	4.20	48.61	
Difference	-0.09	-0.09	0.59	N/A	N/A	N/A	N/A	0.59	
Vanguard Tot I S;Ins + (VTPSX)	**3.96**	**3.96**	**52.83**	**6.54**	**10.01**	**N/A**	**N/A**	**5.96**	**05/01/2015**
Vanguard Spl Tot Int'l Stock Index	3.81	3.81	51.96	6.71	9.95	5.64	5.24	5.94	
Difference	0.15	0.15	0.87	-0.17	0.06	N/A	N/A	0.02	
Dodge & Cox Fixed Income (SA)	**-2.43**	**-2.43**	**7.10**	**5.75**	**4.53**	**4.09**	**4.32**	**6.07**	**08/01/1996**
Bloomberg US Agg Bond Index	-3.38	-3.38	0.71	4.65	3.10	3.31	3.44	5.12	
Difference	0.95	0.95	6.39	1.10	1.43	0.78	0.88	0.95	
Cutwater Core Plus Select Income (SA)	**-3.50**	**-3.50**	**15.37**	**7.06**	**6.25**	**5.36**	**N/A**	**5.59**	**12/01/2013**
Bloomberg US Crdt Index	-4.45	-4.45	7.88	5.95	4.67	4.42	4.83	4.59	
Difference	0.95	0.95	7.49	1.11	1.58	0.94	N/A	1.00	
Guggenheim (BBB) (SA)	**-4.82**	**-4.82**	**8.68**	**6.34**	**5.78**	**N/A**	**N/A**	**5.53**	**05/01/2016**
Bloomberg US Corp Inv Grade Index	-4.65	-4.65	8.73	6.20	4.91	4.60	5.04	4.70	
Difference	-0.17	-0.17	-0.05	0.14	0.87	N/A	N/A	0.83	

RVK began monitoring the assets of Commissioners of the Land Office, State of Oklahoma as of 07/01/2005. Prior historical data was provided by the previous consultant. Performance shown is net of fees. Please see the Addendum for custom index definitions.

RVK

Commissioners of the Land Office, State of Oklahoma
Comparative Performance (Net of Fees) - Trailing Periods

As of March 31, 2021

	QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	Since Incep.	Inception Date
JPMorgan MBS (SA)	**-0.01**	**-0.01**	**2.88**	**4.76**	**3.24**	**3.38**	**3.50**	**3.64**	**07/01/2010**
Bloomberg US MBS Index (Unhgd)	-1.10	-1.10	-0.09	3.75	2.43	2.86	2.83	2.77	
Difference	1.09	1.09	2.97	1.01	0.81	0.52	0.67	0.87	
Guggenheim CMBS (SA)	**-2.59**	**-2.59**	**2.39**	**3.86**	**4.06**	**3.76**	**4.41**	**5.10**	**07/01/2010**
Bloomberg US CMBS Inv Grade Aaa Index	-2.51	-2.51	3.60	5.21	3.36	3.55	3.72	3.99	
Difference	-0.08	-0.08	-1.21	-1.35	0.70	0.21	0.69	1.11	
Allianz Global Investors US High Yield (SA)	**1.02**	**1.02**	**19.79**	**6.71**	**7.14**	**4.29**	**5.52**	**7.21**	**07/01/2001**
ICE BofAML US Hi Yld Master II Index	0.90	0.90	23.31	6.53	7.94	5.30	6.31	7.58	
Difference	0.12	0.12	-3.52	0.18	-0.80	-1.01	-0.79	-0.37	
ICE BofAML US Hi Yld BB-B Cnst Index	0.30	0.30	21.05	6.72	7.42	5.36	6.28	7.20	
Difference	0.72	0.72	-1.26	-0.01	-0.28	-1.07	-0.76	0.01	
Fort Washington High Yield (SA)	**0.11**	**0.11**	**20.73**	**5.93**	**6.67**	**N/A**	**N/A**	**5.13**	**07/01/2015**
ICE BofAML US Cash Pay Hi Yld Index	0.81	0.81	23.15	6.51	7.90	5.28	6.30	6.11	
Difference	-0.70	-0.70	-2.42	-0.58	-1.23	N/A	N/A	-0.98	
ICE BofAML US Hi Yld BB-B Cnst Index	0.30	0.30	21.05	6.72	7.42	5.36	6.28	5.98	
Difference	-0.19	-0.19	-0.32	-0.79	-0.75	N/A	N/A	-0.85	
Cohen & Steers Preferreds (SA)	**-0.55**	**-0.55**	**22.70**	**7.99**	**7.63**	**7.63**	**8.37**	**7.72**	**04/01/2007**
50% ICE BofAML All Cap/50% ICE BofAML Fxd Pref Idx	-0.98	-0.98	17.62	7.02	6.42	6.21	6.55	5.03	
Difference	0.43	0.43	5.08	0.97	1.21	1.42	1.82	2.69	
CenterSquare US REIT Total Return (SA)	**8.42**	**8.42**	**37.52**	**10.48**	**6.24**	**8.77**	**9.32**	**8.95**	**08/01/2008**
FTSE NAREIT Eq REITs Index (TR)	8.87	8.87	37.78	9.45	5.33	7.68	8.56	7.41	
Difference	-0.45	-0.45	-0.26	1.03	0.91	1.09	0.76	1.54	
Oklahoma Treasurer's Cash Pool	**0.35**	**0.35**	**1.85**	**2.26**	**2.05**	**1.98**	**2.07**	**2.09**	**12/01/2010**
ICE BofAML 3 Mo US T-Bill Index	0.02	0.02	0.12	1.49	1.19	0.87	0.63	0.62	
Difference	0.33	0.33	1.73	0.77	0.86	1.11	1.44	1.47	
Bank of Oklahoma Cash	**0.00**	**0.00**	**0.06**	**2.09**	**1.53**	**1.12**	**0.80**	**1.41**	**07/01/2002**
ICE BofAML 3 Mo US T-Bill Index	0.02	0.02	0.12	1.49	1.19	0.87	0.63	1.33	
Difference	-0.02	-0.02	-0.06	0.60	0.34	0.25	0.17	0.08	

RVK began monitoring the assets of Commissioners of the Land Office, State of Oklahoma as of 07/01/2005. Prior historical data was provided by the previous consultant. Performance shown is net of fees. Please see the Addendum for custom index definitions.

RVK

Commissioners of the Land Office, State of Oklahoma
Comparative Performance (Net of Fees) - Calendar Years

As of March 31, 2021

	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
Robeco BPAM Premium Eq (SA)	**4.66**	**28.31**	**-11.60**	**18.44**	**15.11**	**0.87**	**12.47**	**40.01**	**15.87**	**-1.73**
Russell 3000 Val Custom Index	2.87	26.26	-8.58	13.19	18.40	-4.13	12.70	32.69	17.55	-0.10
Difference	1.79	2.05	-3.02	5.25	-3.29	5.00	-0.23	7.32	-1.68	-1.63
Vanguard Hi Dv Yld;Adm (VHYAX)	**1.15**	**24.11**	**-5.96**	**16.37**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
FTSE Hi Div Yld Index	1.16	24.24	-5.85	16.51	16.96	0.39	13.58	30.34	12.75	10.65
Difference	-0.01	-0.13	-0.11	-0.14	N/A	N/A	N/A	N/A	N/A	N/A
BlackRock R 1000 Index Fund (CF)	**20.94**	**31.25**	**-4.79**	**21.57**	**11.99**	**0.88**	**13.14**	**N/A**	**N/A**	**N/A**
Russell 1000 Index	20.96	31.43	-4.78	21.69	12.05	0.92	13.24	33.11	16.42	1.50
Difference	-0.02	-0.18	-0.01	-0.12	-0.06	-0.04	-0.10	N/A	N/A	N/A
Silvercrest Small Cap Value (SA)	**6.20**	**25.34**	**-16.08**	**11.60**	**29.26**	**-2.82**	**5.01**	**37.79**	**15.14**	**0.15**
Russell 2000 Val Index	4.63	22.39	-12.86	7.84	31.74	-7.47	4.22	34.52	18.05	-5.50
Difference	1.57	2.95	-3.22	3.76	-2.48	4.65	0.79	3.27	-2.91	5.65
Harvest Fund Advisors MLP (SA)	**-24.25**	**14.03**	**-12.91**	**-5.49**	**19.22**	**-30.04**	**N/A**	**N/A**	**N/A**	**N/A**
S&P MLP Index (TR)	-28.75	9.78	-11.67	-5.58	21.95	-35.07	7.66	29.75	4.95	14.47
Difference	4.50	4.25	-1.24	0.09	-2.73	5.03	N/A	N/A	N/A	N/A
Vanguard I HD Y;Adm (VIHAX)	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
FTSE All Wrld Ex US Hi Div Yld Index	-0.65	18.63	-12.43	22.55	8.41	-9.44	-3.94	16.27	16.54	-8.32
Difference	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Vanguard Tot I S;Ins + (VTPSX)	**11.28**	**21.56**	**-14.38**	**27.57**	**4.72**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Vanguard Spl Tot Int'l Stock Index	11.24	21.80	-14.61	27.41	4.72	-4.29	-3.39	15.76	17.04	-14.31
Difference	0.04	-0.24	0.23	0.16	0.00	N/A	N/A	N/A	N/A	N/A
Dodge & Cox Fixed Income (SA)	**9.53**	**9.40**	**0.26**	**4.23**	**4.67**	**-0.03**	**5.95**	**0.64**	**7.85**	**5.08**
Bloomberg US Agg Bond Index	7.51	8.72	0.01	3.54	2.65	0.55	5.97	-2.02	4.21	7.84
Difference	2.02	0.68	0.25	0.69	2.02	-0.58	-0.02	2.66	3.64	-2.76
Cutwater Core Plus Select Income (SA)	**11.33**	**15.22**	**-2.41**	**7.72**	**7.54**	**-1.62**	**8.18**	**N/A**	**N/A**	**N/A**
Bloomberg US Crdt Index	9.35	13.80	-2.11	6.18	5.63	-0.77	7.53	-2.01	9.37	8.35
Difference	1.98	1.42	-0.30	1.54	1.91	-0.85	0.65	N/A	N/A	N/A
Guggenheim (BBB) (SA)	**15.32**	**9.68**	**-2.14**	**8.26**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
Bloomberg US Corp Inv Grade Index	9.89	14.54	-2.51	6.42	6.11	-0.68	7.46	-1.53	9.82	8.15
Difference	5.43	-4.86	0.37	1.84	N/A	N/A	N/A	N/A	N/A	N/A

RVK began monitoring the assets of Commissioners of the Land Office, State of Oklahoma as of 07/01/2005. Prior historical data was provided by the previous consultant. Performance shown is net of fees. Please see the Addendum for custom index definitions.

RVK

Commissioners of the Land Office, State of Oklahoma
Comparative Performance (Net of Fees) - Calendar Years

As of March 31, 2021

	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
JPMorgan MBS (SA)	**5.45**	**6.51**	**1.80**	**2.67**	**2.06**	**1.75**	**5.32**	**-0.64**	**5.95**	**5.64**
Bloomberg US MBS Index (Unhgd)	3.87	6.35	0.99	2.47	1.67	1.51	6.08	-1.41	2.59	6.23
Difference	1.58	0.16	0.81	0.20	0.39	0.24	-0.76	0.77	3.36	-0.59
Guggenheim CMBS (SA)	**6.11**	**6.06**	**2.43**	**5.30**	**3.85**	**1.80**	**5.72**	**0.70**	**10.93**	**6.95**
Bloomberg US CMBS Inv Grade Aaa Index	8.33	7.88	0.83	3.11	3.40	1.22	4.29	-0.56	6.85	6.02
Difference	-2.22	-1.82	1.60	2.19	0.45	0.58	1.43	1.26	4.08	0.93
Allianz Global Investors US High Yield (SA)	**5.93**	**15.90**	**-3.17**	**5.94**	**12.86**	**-4.61**	**0.43**	**8.03**	**12.55**	**6.40**
ICE BofAML US Hi Yld Master II Index	6.17	14.41	-2.27	7.48	17.49	-4.64	2.50	7.42	15.58	4.38
Difference	-0.24	1.49	-0.90	-1.54	-4.63	0.03	-2.07	0.61	-3.03	2.02
ICE BofAML US Hi Yld BB-B Cnst Index	6.28	15.11	-2.04	6.98	14.72	-2.79	3.49	6.31	14.58	5.40
Difference	-0.35	0.79	-1.13	-1.04	-1.86	-1.82	-3.06	1.72	-2.03	1.00
Fort Washington High Yield (SA)	**4.58**	**15.16**	**-2.42**	**7.33**	**12.72**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**
ICE BofAML US Cash Pay Hi Yld Index	6.21	14.40	-2.26	7.48	17.34	-4.55	2.44	7.38	15.44	4.50
Difference	-1.63	0.76	-0.16	-0.15	-4.62	N/A	N/A	N/A	N/A	N/A
ICE BofAML US Hi Yld BB-B Cnst Index	6.28	15.11	-2.04	6.98	14.72	-2.79	3.49	6.31	14.58	5.40
Difference	-1.70	0.05	-0.38	0.35	-2.00	N/A	N/A	N/A	N/A	N/A
Cohen & Steers Preferreds (SA)	**8.64**	**19.00**	**-3.60**	**11.76**	**5.20**	**7.05**	**13.61**	**2.88**	**22.69**	**3.96**
50% ICE BofAML All Cap/50% ICE BofAML Fxd Pref Idx	7.92	17.76	-3.94	10.10	3.76	4.18	12.15	0.58	17.47	2.27
Difference	0.72	1.24	0.34	1.66	1.44	2.87	1.46	2.30	5.22	1.69
CenterSquare US REIT Total Return (SA)	**-4.29**	**26.80**	**-5.29**	**6.34**	**8.20**	**4.96**	**31.98**	**3.20**	**17.11**	**9.07**
FTSE NAREIT Eq REITs Index (TR)	-8.00	26.00	-4.62	5.23	8.52	3.20	30.14	2.47	18.06	8.29
Difference	3.71	0.80	-0.67	1.11	-0.32	1.76	1.84	0.73	-0.95	0.78
Oklahoma Treasurer's Cash Pool	**2.18**	**2.59**	**2.09**	**1.73**	**1.77**	**1.77**	**1.82**	**2.01**	**2.32**	**2.73**
ICE BofAML 3 Mo US T-Bill Index	0.67	2.28	1.87	0.86	0.33	0.05	0.04	0.07	0.11	0.10
Difference	1.51	0.31	0.22	0.87	1.44	1.72	1.78	1.94	2.21	2.63
Bank of Oklahoma Cash	**0.38**	**3.89**	**2.37**	**0.83**	**0.31**	**0.12**	**0.03**	**0.05**	**0.08**	**0.04**
ICE BofAML 3 Mo US T-Bill Index	0.67	2.28	1.87	0.86	0.33	0.05	0.04	0.07	0.11	0.10
Difference	-0.29	1.61	0.50	-0.03	-0.02	0.07	-0.01	-0.02	-0.03	-0.06

RVK began monitoring the assets of Commissioners of the Land Office, State of Oklahoma as of 07/01/2005. Prior historical data was provided by the previous consultant. Performance shown is net of fees. Please see the Addendum for custom index definitions.

RVK

Investment Manager Profiles



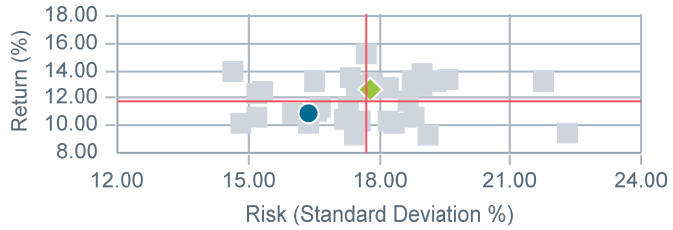
Manager: Robeco BPAM Premium Eq (SA)
Benchmark: Russell 3000 Val Custom Index
Peer Group: IM U.S. All Cap Value Equity (SA+CF)

As of March 31, 2021

Performance

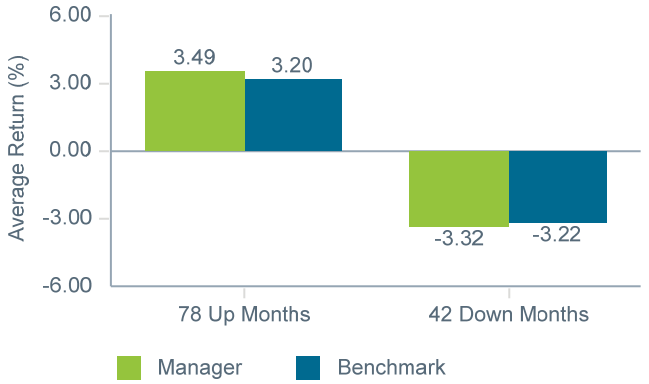
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**12.24**	**65.04**	**10.78**	**13.57**	**10.97**	**12.64**	**5.22**	**29.03**	**-11.08**	**19.12**	**15.79**
Benchmark	11.89	58.38	10.99	11.87	9.35	10.91	2.87	26.26	-8.58	13.19	18.40
Difference	0.35	6.66	-0.21	1.70	1.62	1.73	2.35	2.77	-2.50	5.93	-2.61
Peer Group Median	12.49	69.52	12.86	13.85	10.38	11.79	7.23	27.45	-9.97	16.71	16.69
Rank	53	61	76	56	47	40	61	34	68	25	57
Population	56	56	53	51	48	43	58	67	69	71	75

Peer Group Scattergram - 10 Years

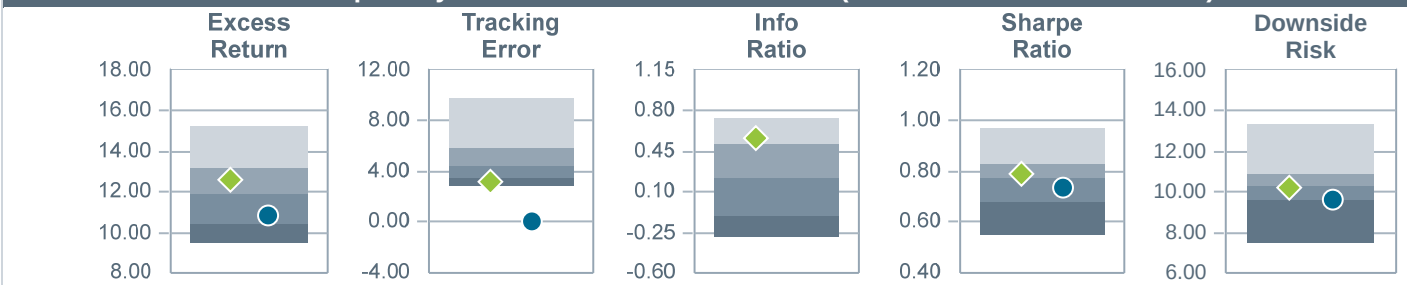


	Return	Standard Deviation
Manager	12.64	17.78
Benchmark	10.91	16.37
Median	11.79	17.72

Up/Down Markets - 10 Years



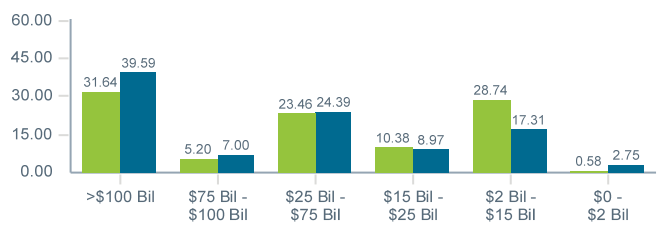
Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)



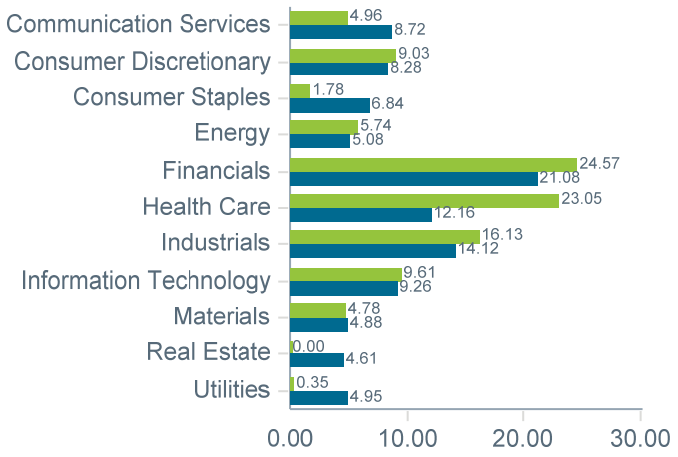
	Excess Return	Tracking Error	Info Ratio	Sharpe Ratio	Downside Risk
Manager	12.61 (42)	3.15 (89)	0.56 (18)	0.79 (44)	10.17 (53)
Benchmark	10.85 (67)	0.00 (100)	N/A	0.74 (62)	9.58 (77)
Median	11.94	4.42	0.23	0.77	10.32

Portfolio Characteristics and Dist. of Market Cap (%)

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	107,477	136,232
Median Mkt. Cap ($M)	24,546	2,247
Price/Earnings Ratio	21.77	23.42
Price/Book Ratio	2.56	2.65
5 Yr. EPS Growth Rate (%)	8.90	6.46
Current Yield (%)	1.65	1.97
Beta (5 Years, Monthly)	1.07	1.00
Number of Securities	149	2,367
Active Share	75.01	N/A



Sector Weights (%)



Performance shown is gross of fees and client specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks. Please see the Addendum for custom index defintions.

RVK

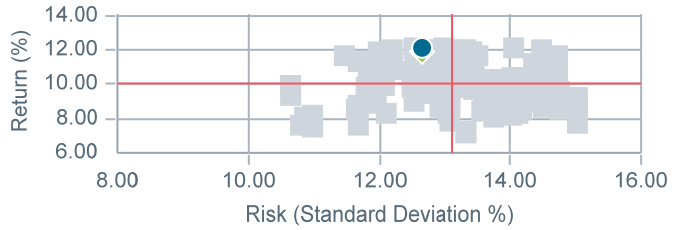
Manager: Vanguard Hi Dv Yld;Adm (VHYAX)
Benchmark: FTSE Hi Div Yld Index
Peer Group: IM Equity Income (MF)

As of March 31, 2021

Performance

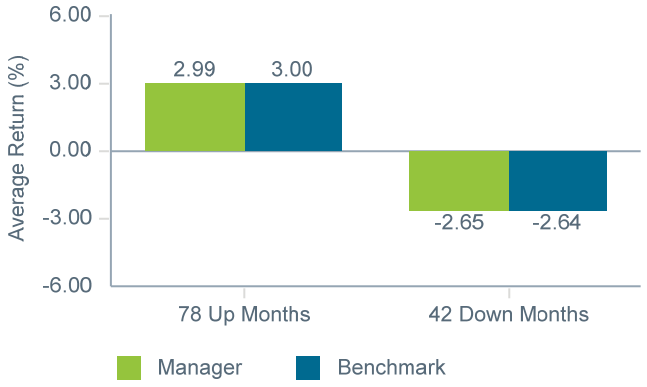
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**11.01**	**47.62**	**10.50**	**11.34**	**10.30**	**11.96**	**1.14**	**24.13**	**-5.96**	**16.37**	**16.75**
Benchmark	11.03	47.66	10.57	11.44	10.42	12.11	1.16	24.24	-5.85	16.51	16.96
Difference	-0.02	-0.04	-0.07	-0.10	-0.12	-0.15	-0.02	-0.11	-0.11	-0.14	-0.21
Peer Group Median	8.88	49.71	10.94	11.55	9.18	10.09	4.55	25.29	-7.25	16.16	14.05
Rank	24	62	55	52	28	10	69	66	37	47	25
Population	505	494	469	407	361	247	497	529	538	514	479

Peer Group Scattergram - 10 Years

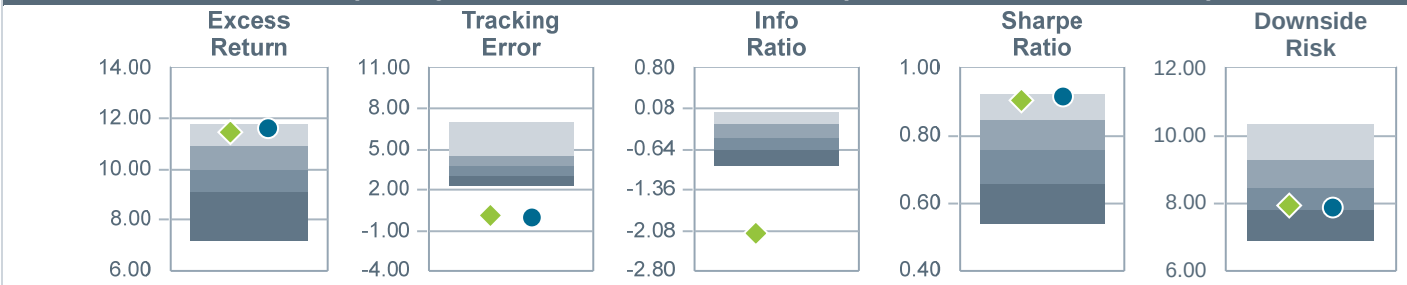


	Return	Standard Deviation
Manager	11.96	12.66
Benchmark	12.11	12.66
Median	10.09	13.12

Up/Down Markets - 10 Years



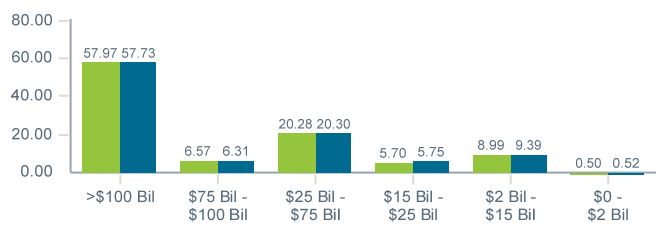
Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)



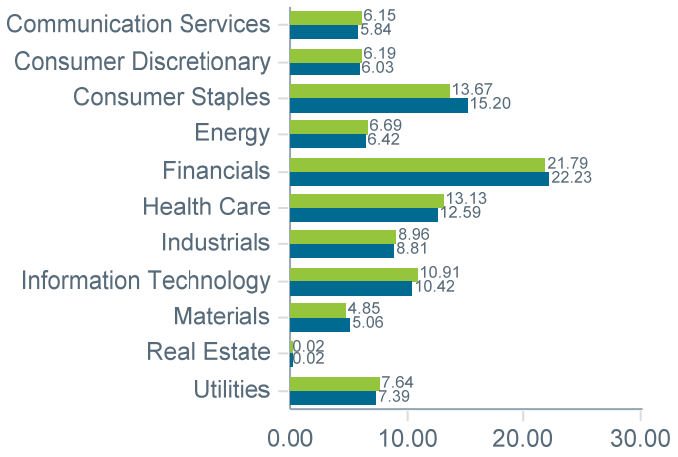
	Excess Return		Tracking Error		Info Ratio		Sharpe Ratio		Downside Risk	
Manager	11.53	(11)	0.06	(100)	-2.15	(100)	0.91	(10)	7.91	(70)
Benchmark	11.66	(8)	0.00	(100)	N/A		0.92	(8)	7.90	(72)
Median	9.99		3.86		-0.42		0.76		8.47	

Portfolio Characteristics and Dist. of Market Cap (%)

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	157,017	157,749
Median Mkt. Cap ($M)	8,296	8,179
Price/Earnings Ratio	22.56	22.60
Price/Book Ratio	2.92	2.92
5 Yr. EPS Growth Rate (%)	4.49	4.54
Current Yield (%)	2.98	2.96
Beta (5 Years, Monthly)	1.00	1.00
Number of Securities	416	415
Active Share	4.08	N/A



Sector Weights (%)



Performance shown is net of fees and product specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

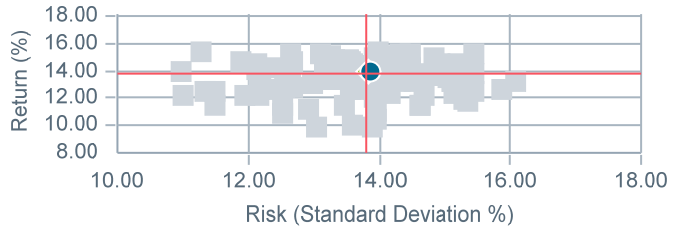
RVK

Manager: BlackRock Russell 1000 Index NL (CF) **As of March 31, 2021**
Benchmark: Russell 1000 Index
Peer Group: IM U.S. Large Cap Core Equity (SA+CF)

Performance

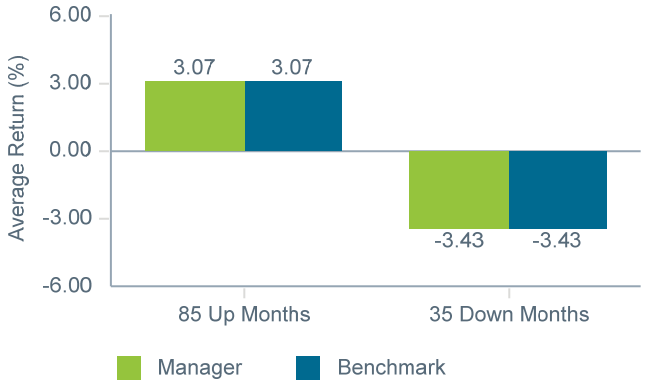
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**5.93**	**60.58**	**17.33**	**16.65**	**13.64**	**13.97**	**20.96**	**31.44**	**-4.78**	**21.65**	**12.04**
Benchmark	5.91	60.59	17.31	16.66	13.64	13.97	20.96	31.43	-4.78	21.69	12.05
Difference	0.02	-0.01	0.02	-0.01	0.00	0.00	0.00	0.01	0.00	-0.04	-0.01
Peer Group Median	6.74	57.18	16.15	16.14	13.25	13.77	17.19	30.06	-5.17	21.85	10.63
Rank	67	35	30	37	37	38	29	36	43	54	32
Population	205	205	201	198	189	171	216	247	275	298	318

Peer Group Scattergram - 10 Years

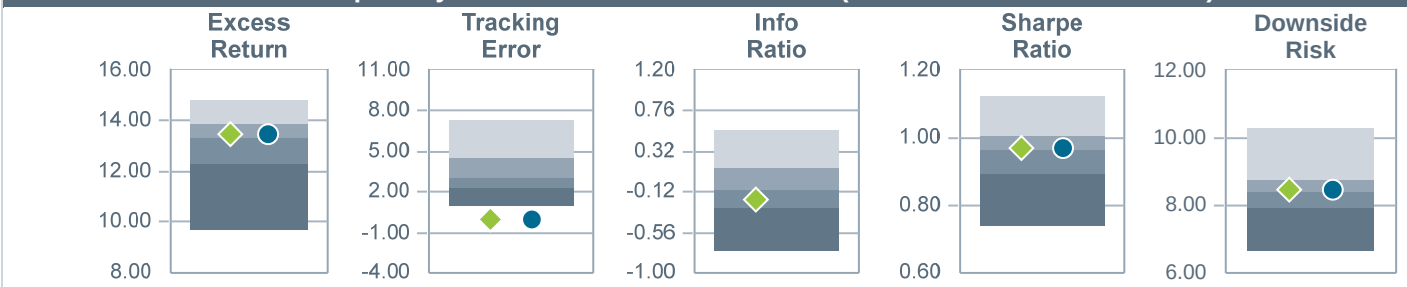


	Return	Standard Deviation
Manager	13.97	13.85
Benchmark	13.97	13.85
Median	13.76	13.81

Up/Down Markets - 10 Years



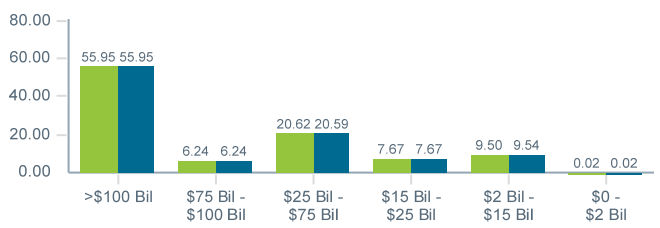
Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)



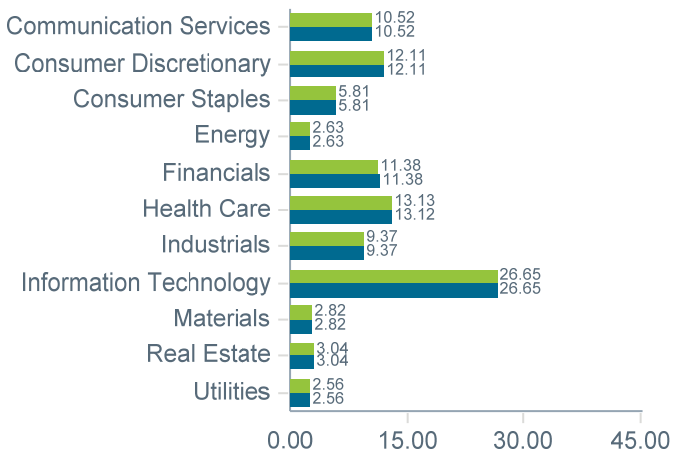
	Excess Return		Tracking Error		Info Ratio		Sharpe Ratio		Downside Risk	
Manager	13.48	(38)	0.02	(100)	-0.20	(66)	0.97	(49)	8.44	(48)
Benchmark	13.48	(38)	0.00	(100)	N/A		0.97	(49)	8.45	(47)
Median	13.31		3.07		-0.09		0.96		8.42	

Portfolio Characteristics and Dist. of Market Cap (%)

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	413,785	413,770
Median Mkt. Cap ($M)	13,705	13,694
Price/Earnings Ratio	29.80	29.79
Price/Book Ratio	4.45	4.45
5 Yr. EPS Growth Rate (%)	17.29	17.29
Current Yield (%)	1.41	1.41
Beta (5 Years, Monthly)	1.00	1.00
Number of Securities	1,029	1,023
Active Share	0.12	N/A



Sector Weights (%)



Performance shown is gross of fees and product specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

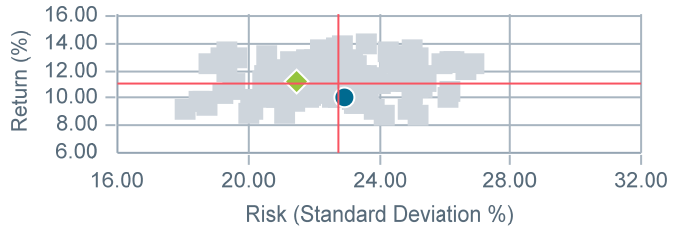
RVK

Manager: Silvercrest Small Cap Value (SA) **As of March 31, 2021**
Benchmark: Russell 2000 Val Index
Peer Group: IM U.S. Small Cap Value Equity (SA+CF)

Performance

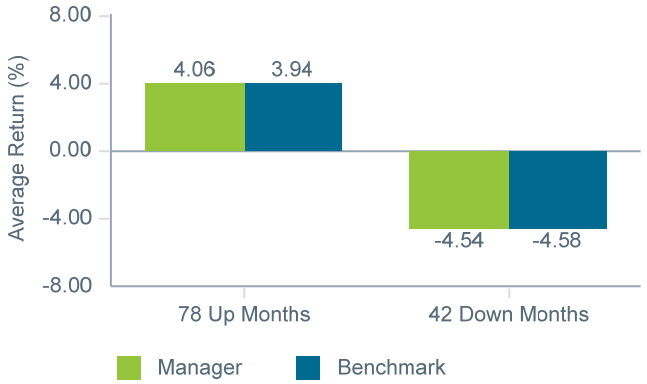
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**15.47**	**82.39**	**11.18**	**13.37**	**10.01**	**11.28**	**6.77**	**25.98**	**-15.63**	**12.18**	**29.95**
Benchmark	21.17	97.05	11.57	13.56	8.93	10.06	4.63	22.39	-12.86	7.84	31.74
Difference	-5.70	-14.66	-0.39	-0.19	1.08	1.22	2.14	3.59	-2.77	4.34	-1.79
Peer Group Median	18.86	92.91	11.19	13.22	9.46	11.11	5.20	25.07	-14.16	11.61	26.80
Rank	72	73	51	47	40	43	44	37	66	46	29
Population	181	179	173	170	167	154	191	200	220	229	235

Peer Group Scattergram - 10 Years

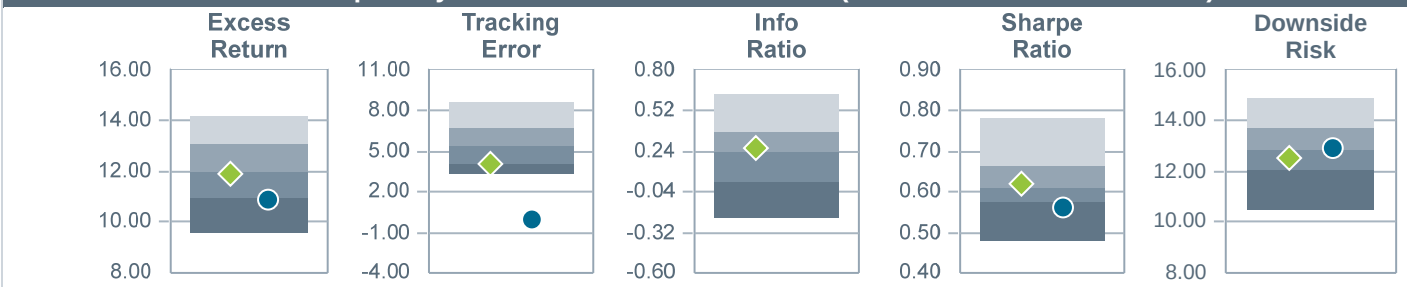


	Return	Standard Deviation
Manager	11.28	21.50
Benchmark	10.06	22.96
Median	11.11	22.74

Up/Down Markets - 10 Years



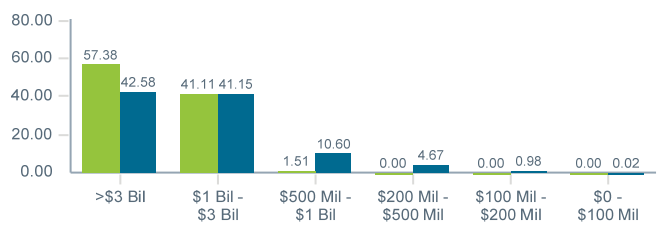
Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)



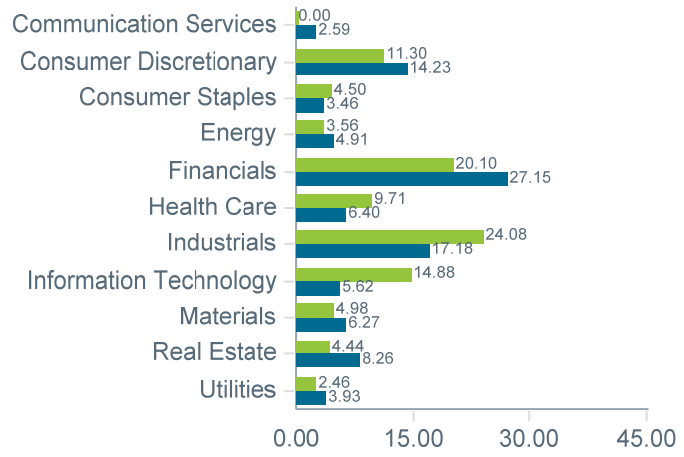
	Excess Return		Tracking Error		Info Ratio	Sharpe Ratio		Downside Risk	
Manager	11.96	(51)	4.07	(73)	0.26 (44)	0.62	(45)	12.55	(59)
Benchmark	10.89	(80)	0.00	(100)	N/A	0.56	(81)	12.91	(50)
Median	11.99		5.36		0.23	0.61		12.90	

Portfolio Characteristics and Dist. of Market Cap (%)

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	3,433	3,155
Median Mkt. Cap ($M)	3,148	907
Price/Earnings Ratio	30.03	17.42
Price/Book Ratio	2.53	1.98
5 Yr. EPS Growth Rate (%)	6.82	7.58
Current Yield (%)	0.98	1.46
Beta (5 Years, Monthly)	0.95	1.00
Number of Securities	64	1,507
Active Share	92.77	N/A



Sector Weights (%)



Performance shown is gross of fees and client specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

RVK

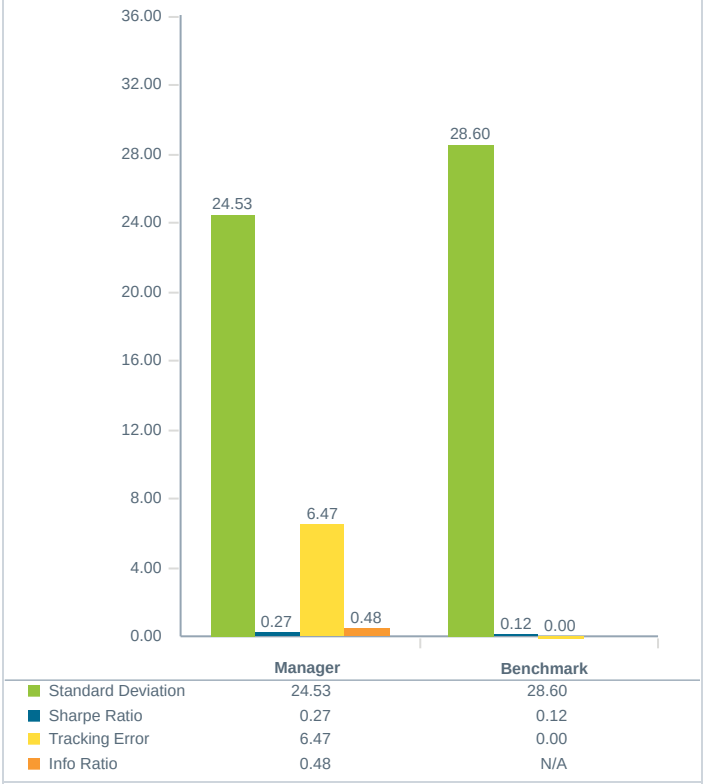
Manager: Harvest Fund Advisors MLP (SA) **As of March 31, 2021**

Benchmark: S&P MLP Index (TR)

Performance

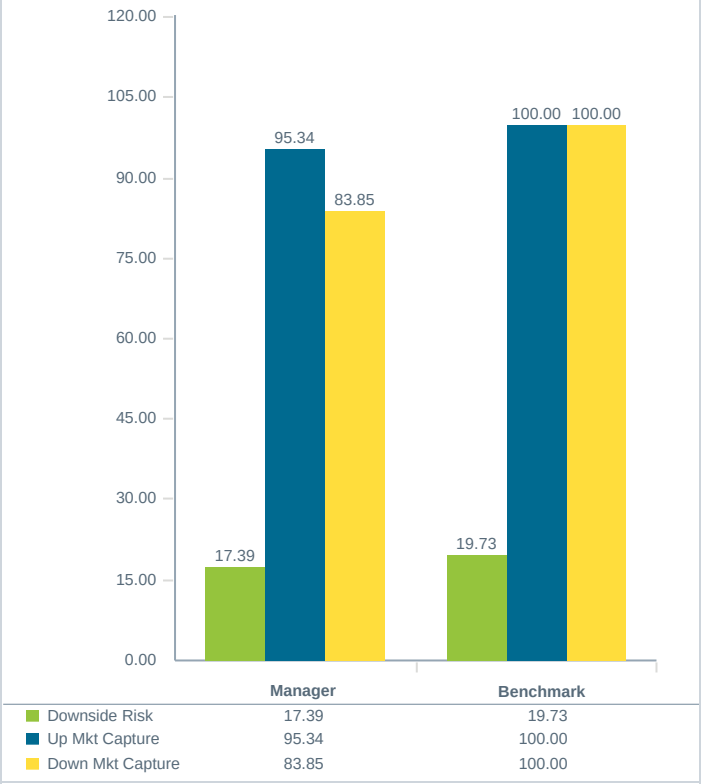
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**18.75**	**74.63**	**0.21**	**2.17**	**-2.79**	**4.09**	**-23.68**	**14.87**	**-12.25**	**-4.78**	**20.10**
Benchmark	20.43	94.46	-2.32	0.45	-5.93	-0.21	-28.75	9.78	-11.67	-5.58	21.95
Difference	-1.68	-19.83	2.53	1.72	3.14	4.30	5.07	5.09	-0.58	0.80	-1.85

Historical Statistics - 10 Years



	Manager	Benchmark
Standard Deviation	24.53	28.60
Sharpe Ratio	0.27	0.12
Tracking Error	6.47	0.00
Info Ratio	0.48	N/A

Historical Statistics - 10 Years

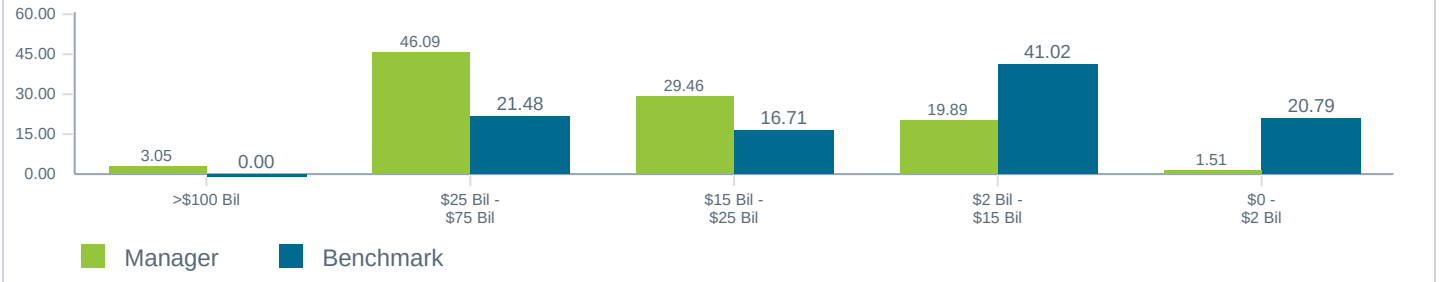


	Manager	Benchmark
Downside Risk	17.39	19.73
Up Mkt Capture	95.34	100.00
Down Mkt Capture	83.85	100.00

Portfolio Characteristics

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	31,785	14,926
Median Mkt. Cap ($M)	12,844	2,102
Price/Earnings Ratio	22.36	13.54
Price/Book Ratio	2.07	2.16
5 Yr. EPS Growth Rate (%)	-3.31	3.45
Current Yield (%)	6.38	8.36
Beta (5 Years, Monthly)	0.84	1.00
Number of Securities	22	29

Distribution of Market Capitalization (%)



Performance shown is gross of fees and is product specific manager performance prior to 03/01/2014. Calculations are based on monthly periodicity.

RVK

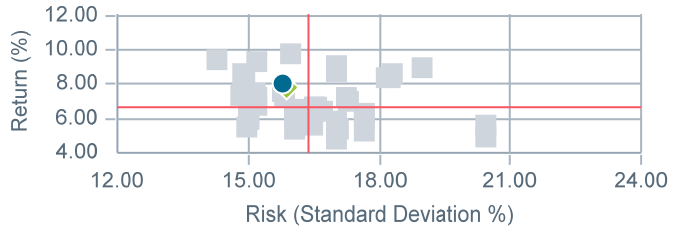
Manager: Vanguard I HD Y;Adm (VIHAX)
Benchmark: FTSE All Wrld Ex US Hi Div Yld Index
Peer Group: IM ACWI Ex US Value (MF)

As of March 31, 2021

Performance

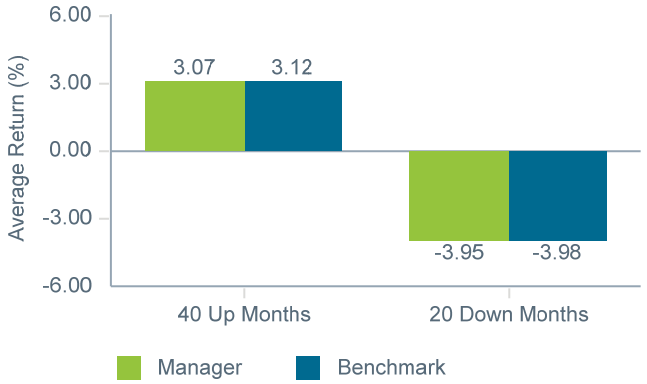
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**7.73**	**49.14**	**3.77**	**7.77**	**N/A**	**N/A**	**-0.71**	**18.27**	**-12.36**	**22.40**	**N/A**
Benchmark	7.86	48.61	4.13	8.03	3.28	4.20	-0.65	18.63	-12.43	22.55	8.41
Difference	-0.13	0.53	-0.36	-0.26	N/A	N/A	-0.06	-0.36	0.07	-0.15	N/A
Peer Group Median	7.19	52.71	3.37	6.69	1.96	3.35	3.57	17.88	-15.98	22.89	2.79
Rank	43	83	39	27	N/A	N/A	86	44	4	59	N/A
Population	65	65	65	60	52	44	66	67	67	71	65

Peer Group Scattergram - 5 Years

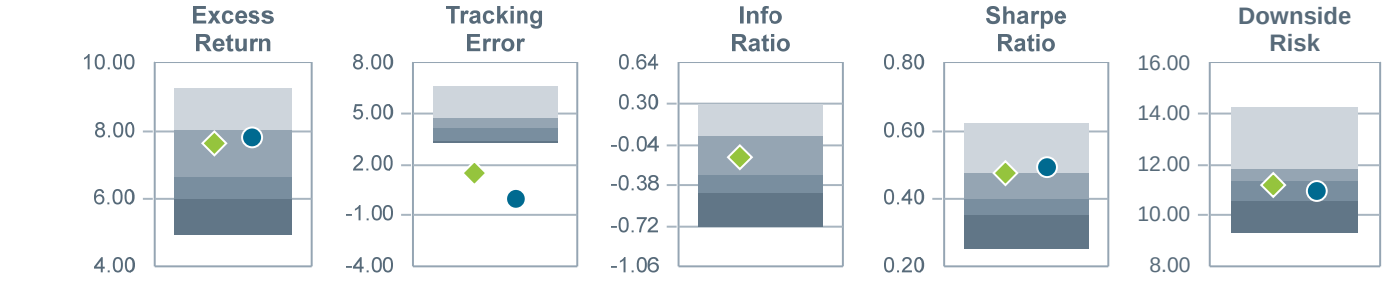


	Return	Standard Deviation
Manager	7.77	15.86
Benchmark	8.03	15.80
Median	6.69	16.40

Up/Down Markets - 5 Years



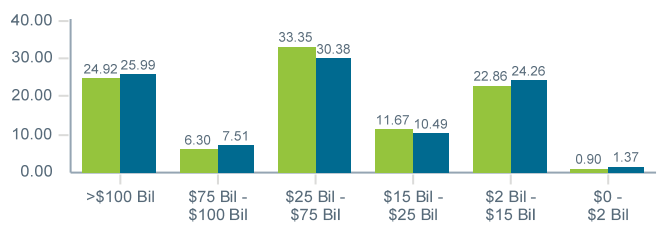
Peer Group Analysis - Multi Statistics - 5 Years (Excess Return vs. Risk Free)



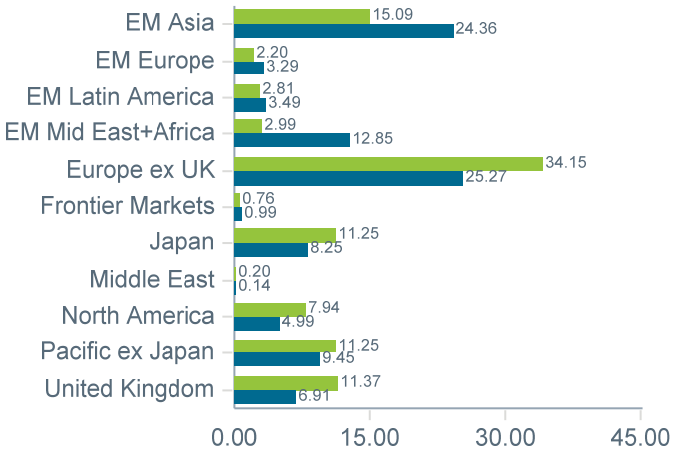
	Excess Return		Tracking Error		Info Ratio	Sharpe Ratio		Downside Risk	
Manager	7.62	(27)	1.53	(100)	-0.14	(36)	0.48	(23)	11.20	(56)
Benchmark	7.84	(26)	0.00	(100)	N/A		0.49	(20)	10.96	(64)
Median	6.66		4.28		-0.29		0.40		11.37	

Portfolio Characteristics and Dist. of Market Cap (%)

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	93,126	248,646
Median Mkt. Cap ($M)	6,947	6,750
Price/Earnings Ratio	14.34	15.88
Price/Book Ratio	1.93	2.18
5 Yr. EPS Growth Rate (%)	2.23	2.86
Current Yield (%)	3.55	3.92
Beta (5 Years, Monthly)	1.00	1.00
Number of Securities	1,191	1,214
Active Share	44.81	N/A



Region Weights (%)



Performance shown is net of fees and product specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

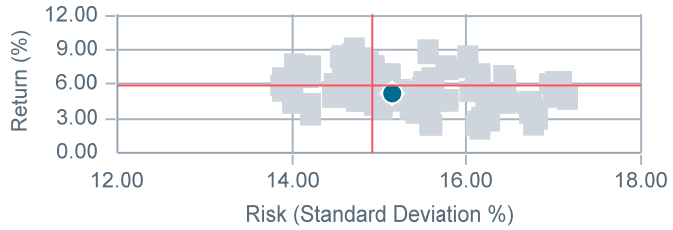
RVK

Manager: Vanguard Tot I S;Ins + (VTPSX) **As of March 31, 2021**
Benchmark: Vanguard Spl Tot Int'l Stock Index
Peer Group: IM All ACWI Ex US (MF)

Performance

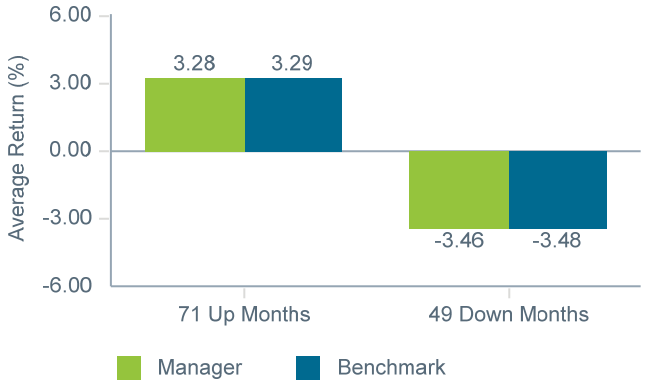
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**3.96**	**52.84**	**6.55**	**10.01**	**5.61**	**5.27**	**11.30**	**21.56**	**-14.38**	**27.57**	**4.73**
Benchmark	3.81	51.96	6.71	9.95	5.64	5.24	11.24	21.80	-14.61	27.41	4.72
Difference	0.15	0.88	-0.16	0.06	-0.03	0.03	0.06	-0.24	0.23	0.16	0.01
Peer Group Median	3.00	53.37	8.23	10.37	6.20	5.96	15.45	25.66	-15.47	28.33	1.01
Rank	39	55	68	55	58	66	67	72	33	56	18
Population	415	415	415	398	316	273	421	434	441	468	437

Peer Group Scattergram - 10 Years

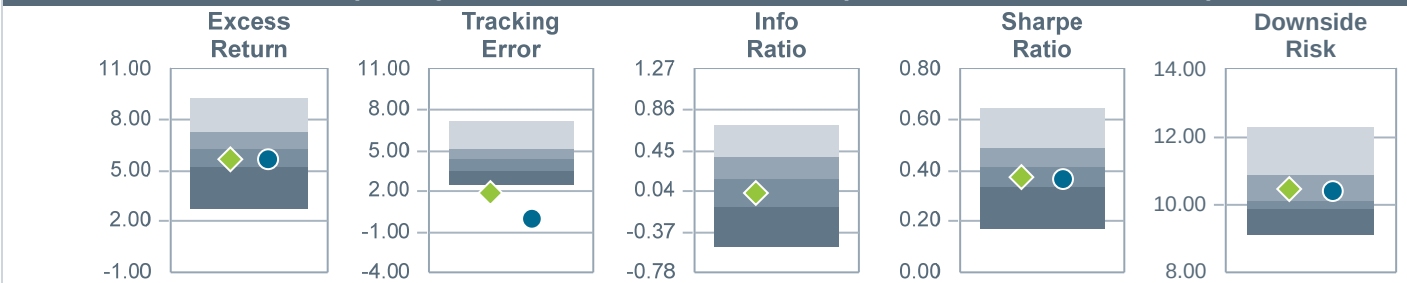


	Return	Standard Deviation
Manager	5.27	15.14
Benchmark	5.24	15.14
Median	5.96	14.92

Up/Down Markets - 10 Years



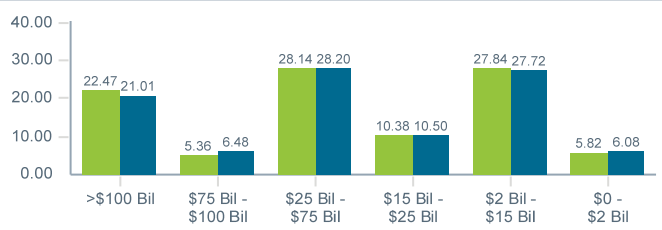
Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)



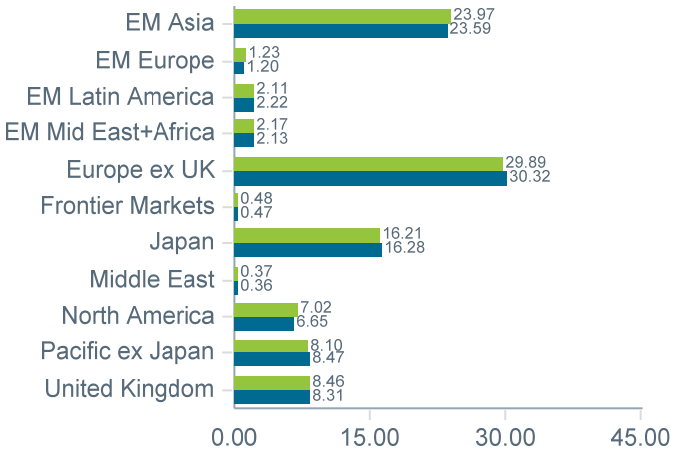
	Excess Return		Tracking Error		Info Ratio	Sharpe Ratio		Downside Risk	
Manager	5.68	(64)	1.81	(99)	0.02 (63)	0.37	(66)	10.45	(38)
Benchmark	5.65	(67)	0.00	(100)	N/A	0.37	(68)	10.39	(39)
Median	6.30		4.34		0.16	0.42		10.14	

Portfolio Characteristics and Dist. of Market Cap (%)

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	98,945	85,446
Median Mkt. Cap ($M)	2,120	1,895
Price/Earnings Ratio	19.93	20.63
Price/Book Ratio	2.62	2.61
5 Yr. EPS Growth Rate (%)	6.22	5.98
Current Yield (%)	2.09	2.23
Beta (5 Years, Monthly)	1.00	1.00
Number of Securities	7,296	7,448
Active Share	20.26	N/A



Region Weights (%)



Performance shown is net of fees and product specific. Calculation is based on monthly periodicity. Parentheses contain percentile ranks. Benchmark consists of Tot Int'l Comp Idx (an asset-weighted blend of stocks in the MSCI Eur Idx (USD) (Net), MSCI Pac Idx (USD) (Net), and MSCI Emg Mkts Idx (USD) (Net)) through 08/31/06; MSCI EAFE + Emg Mkts Idx (USD) (Net) through 12/15/10; MSCI ACW Ex US IM Idx (USD) (Net) through 06/02/13; and FTSE Gbl All Cap Ex US Idx (USD) (Net) thereafter.

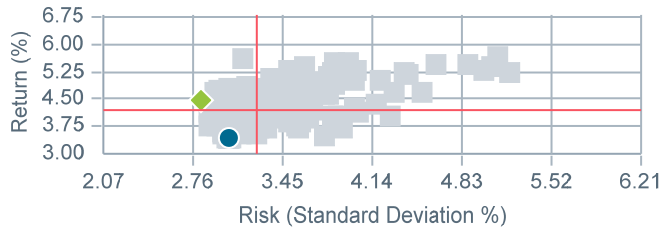
RVK

Manager: Dodge & Cox Fixed Income (SA) **As of March 31, 2021**
Benchmark: Bloomberg US Agg Bond Index
Peer Group: IM U.S. Broad Market Fixed Income (SA+CF)

Performance

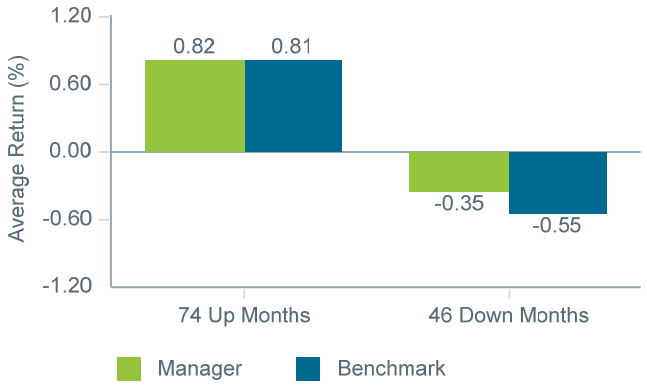
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**-2.39**	**7.27**	**5.92**	**4.70**	**4.26**	**4.48**	**9.71**	**9.57**	**0.42**	**4.40**	**4.84**
Benchmark	-3.38	0.71	4.65	3.10	3.31	3.44	7.51	8.72	0.01	3.54	2.65
Difference	0.99	6.56	1.27	1.60	0.95	1.04	2.20	0.85	0.41	0.86	2.19
Peer Group Median	-2.95	4.75	5.44	4.01	3.97	4.20	8.78	9.49	0.00	4.30	3.72
Rank	23	28	26	24	28	34	24	47	18	47	26
Population	302	302	295	287	282	270	317	334	351	360	371

Peer Group Scattergram - 10 Years

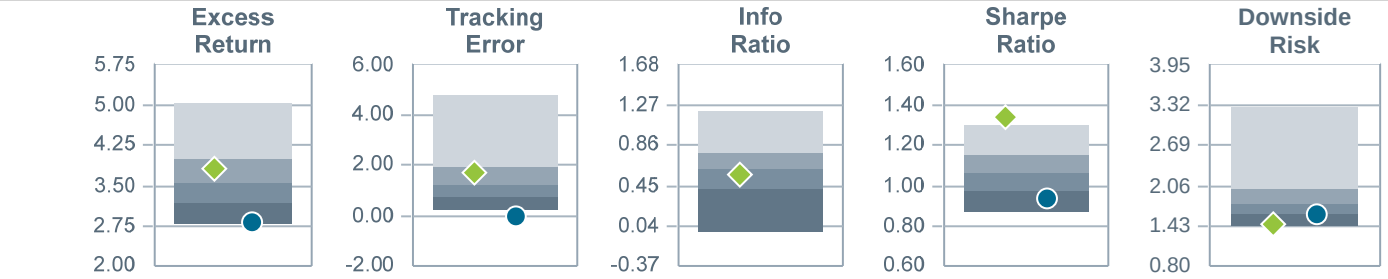


	Return	Standard Deviation
Manager	4.48	2.83
Benchmark	3.44	3.03
Median	4.20	3.26

Up/Down Markets - 10 Years



Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)

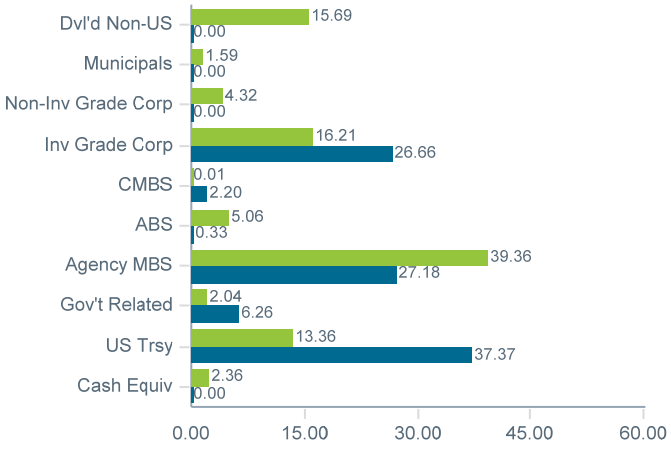


	Excess Return		Tracking Error		Info Ratio	Sharpe Ratio		Downside Risk	
Manager	3.80	(35)	1.76	(30)	0.57 (57)	1.34	(3)	1.44	(94)
Benchmark	2.80	(95)	0.00	(100)	N/A	0.93	(85)	1.62	(77)
Median	3.54		1.23		0.62	1.07		1.78	

Portfolio Characteristics

	Portfolio	Benchmark
Effective Duration	5.33	6.40
Spread Duration	6.23	6.39
Avg. Maturity	9.50	8.38
Avg. Quality	Aa3	Aa1/Aa2
Yield To Maturity (%)	2.06	1.62
Coupon Rate (%)	3.34	2.64
Current Yield (%)	2.91	N/A
Holdings Count	275	12,161

Sector Distribution (%)



Performance shown is gross of fees and client specific. Calculation is based on monthly periodicity. Parenthesis contain percentile ranks.

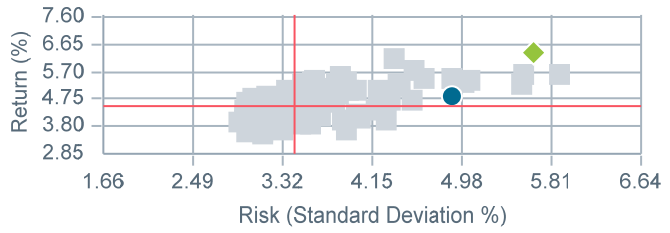
RVK

Manager: Cutwater Core Plus Select Income (SA) **As of March 31, 2021**
Benchmark: Bloomberg US Crdt Index
Peer Group: IM U.S. Broad Market Core+ Fixed Income (SA+CF)

Performance

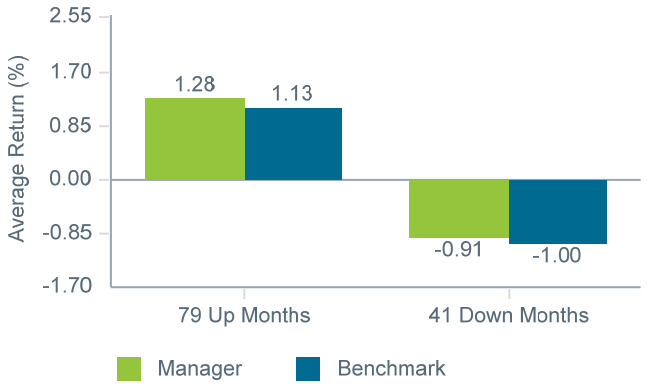
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**-3.45**	**15.61**	**7.29**	**6.48**	**5.59**	**6.36**	**11.56**	**15.46**	**-2.19**	**7.96**	**7.78**
Benchmark	-4.45	7.88	5.95	4.67	4.42	4.83	9.35	13.80	-2.11	6.18	5.63
Difference	1.00	7.73	1.34	1.81	1.17	1.53	2.21	1.66	-0.08	1.78	2.15
Peer Group Median	-2.74	7.02	5.77	4.48	4.16	4.49	8.95	9.88	-0.25	4.79	4.68
Rank	91	10	4	6	3	3	6	1	94	5	13
Population	147	147	143	138	135	130	152	158	165	169	172

Peer Group Scattergram - 10 Years

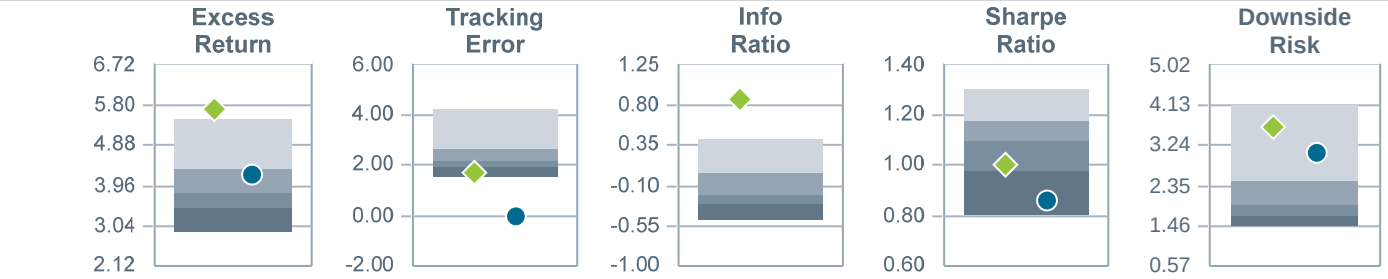


	Return	Standard Deviation
Manager	6.36	5.65
Benchmark	4.83	4.90
Median	4.49	3.44

Up/Down Markets - 10 Years



Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)

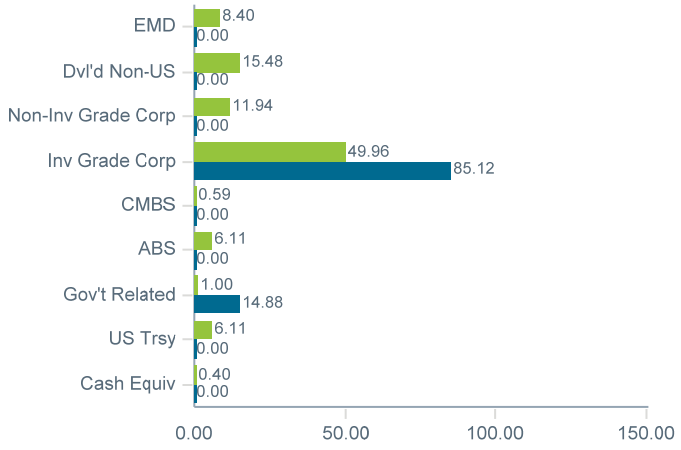


	Excess Return	Tracking Error	Info Ratio	Sharpe Ratio	Downside Risk
Manager	5.71 (3)	1.74 (89)	0.86 (1)	1.00 (74)	3.67 (8)
Benchmark	4.22 (28)	0.00 (100)	N/A	0.86 (93)	3.08 (13)
Median	3.82	2.21	-0.19	1.10	1.96

Portfolio Characteristics

	Portfolio	Benchmark
Effective Duration	7.64	8.23
Spread Duration	7.91	7.97
Avg. Maturity	13.82	11.72
Avg. Quality	Baa1	A2/A3
Yield To Maturity (%)	3.23	2.23
Coupon Rate (%)	0.04	3.58
Current Yield (%)	3.58	N/A
Holdings Count	293	7,578

Sector Distribution (%)



Performance shown is gross of fees and is product specific manager performance prior to 12/01/2013. Calculation is based on monthly periodicity.
Parenthesis contain percentile ranks.

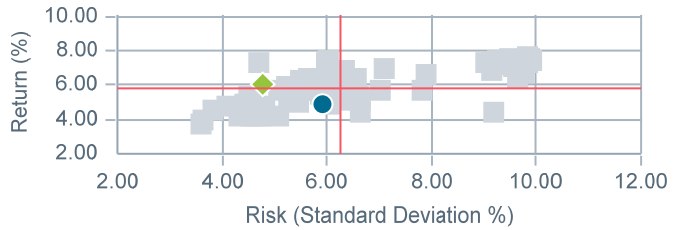
RVK

Manager: Guggenheim (BBB) (SA) **As of March 31, 2021**
Benchmark: Bloomberg US Corp Inv Grade Index
Peer Group: IM U.S. Corporate Bonds (SA+CF)

Performance

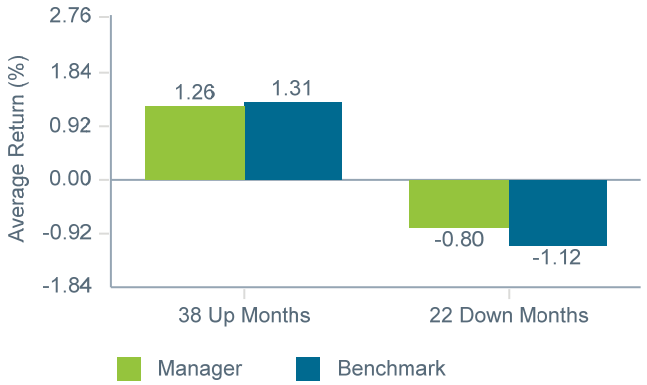
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**-4.75**	**8.99**	**6.64**	**6.09**	**N/A**	**N/A**	**15.66**	**10.00**	**-1.86**	**8.57**	**N/A**
Benchmark	-4.65	8.73	6.20	4.91	4.60	5.04	9.89	14.54	-2.51	6.42	6.11
Difference	-0.10	0.26	0.44	1.18	N/A	N/A	5.77	-4.54	0.65	2.15	N/A
Peer Group Median	-4.33	10.49	7.07	5.82	5.37	5.92	11.51	15.08	-2.34	7.22	7.30
Rank	65	77	67	43	N/A	N/A	19	87	36	34	N/A
Population	113	111	109	103	100	95	119	127	132	130	132

Peer Group Scattergram - 5 Years

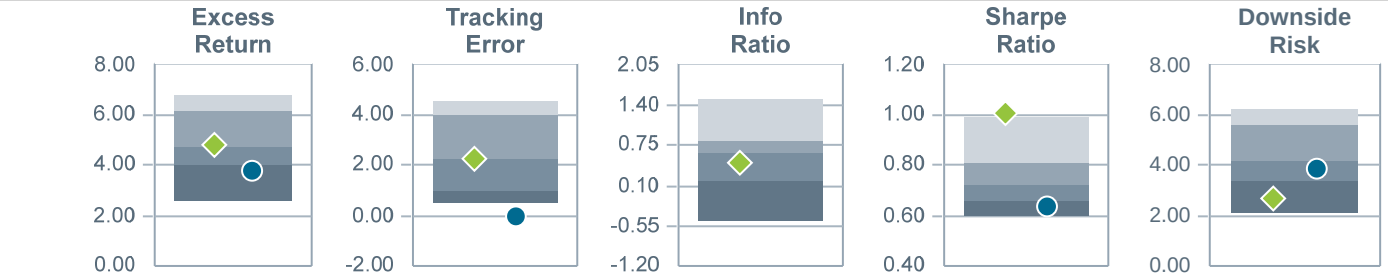


	Return	Standard Deviation
Manager	6.09	4.77
Benchmark	4.91	5.91
Median	5.82	6.24

Up/Down Markets - 5 Years



Peer Group Analysis - Multi Statistics - 5 Years (Excess Return vs. Risk Free)

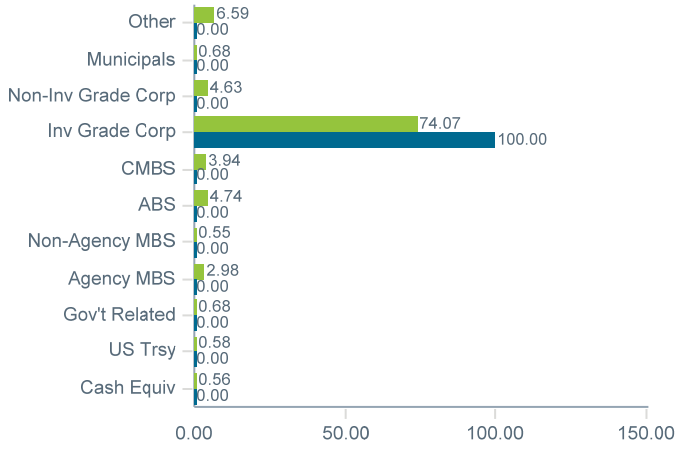


	Excess Return	Tracking Error	Info Ratio	Sharpe Ratio	Downside Risk
Manager	4.86 (45)	2.25 (52)	0.47 (65)	1.01 (3)	2.68 (89)
Benchmark	3.80 (79)	0.00 (100)	N/A	0.64 (86)	3.88 (61)
Median	4.72	2.30	0.62	0.72	4.16

Portfolio Characteristics

	Portfolio	Benchmark
Effective Duration	8.85	8.48
Spread Duration	8.84	N/A
Avg. Maturity	17.97	12.00
Avg. Quality	Baa1	A3/Baa1
Yield To Maturity (%)	3.09	2.32
Coupon Rate (%)	3.79	3.69
Current Yield (%)	3.01	N/A
Holdings Count	258	6,780

Sector Distribution (%)



Performance shown is gross of fees and client specific. Calculation is based on monthly periodicity. Parenthesis contain percentile ranks. Allocation to "Other" consists of Preferred Securities.

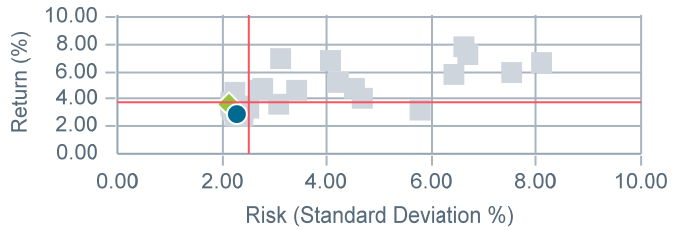
RVK

Manager: JPMorgan MBS (SA) **As of March 31, 2021**
Benchmark: Bloomberg US MBS Index (Unhgd)
Peer Group: IM U.S. Mortgage Backed Bonds (SA+CF)

Performance

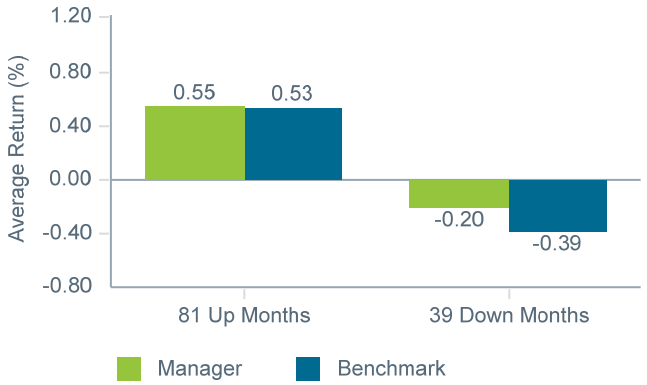
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**0.04**	**3.07**	**4.96**	**3.43**	**3.57**	**3.69**	**5.65**	**6.71**	**2.00**	**2.86**	**2.26**
Benchmark	-1.10	-0.09	3.75	2.43	2.86	2.83	3.87	6.35	0.99	2.47	1.67
Difference	1.14	3.16	1.21	1.00	0.71	0.86	1.78	0.36	1.01	0.39	0.59
Peer Group Median	-0.64	2.05	4.05	3.33	3.50	3.73	4.24	6.56	1.33	3.59	2.38
Rank	40	45	17	46	49	52	15	38	44	61	54
Population	42	42	41	39	38	37	47	51	52	55	58

Peer Group Scattergram - 10 Years

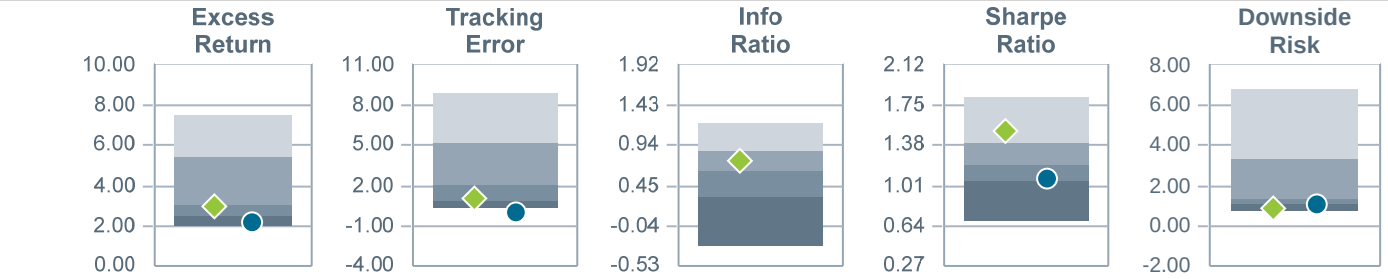


	Return	Standard Deviation
Manager	3.69	2.12
Benchmark	2.83	2.28
Median	3.73	2.53

Up/Down Markets - 10 Years



Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)

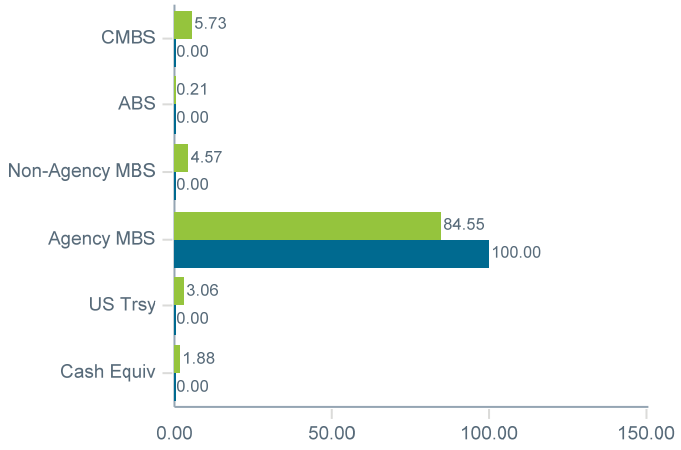


	Excess Return		Tracking Error		Info Ratio	Sharpe Ratio		Downside Risk	
Manager	3.02	(56)	1.11	(64)	0.75 (38)	1.52	(14)	0.88	(95)
Benchmark	2.19	(90)	0.00	(100)	N/A	1.07	(71)	1.10	(75)
Median	3.07		2.06		0.63	1.21		1.35	

Portfolio Characteristics

	Portfolio	Benchmark
Effective Duration	3.02	4.09
Spread Duration	N/A	4.63
Avg. Maturity	4.70	5.58
Avg. Quality	Aa1	Aaa
Yield To Maturity (%)	1.79	1.82
Coupon Rate (%)	3.03	2.94
Current Yield (%)	4.12	N/A
Holdings Count	618	449

Sector Distribution (%)



Performance shown is gross of fees and is product specific manager performance prior to 07/01/2010. Calculation is based on monthly periodicity.
Parenthesis contain percentile ranks.

RVK

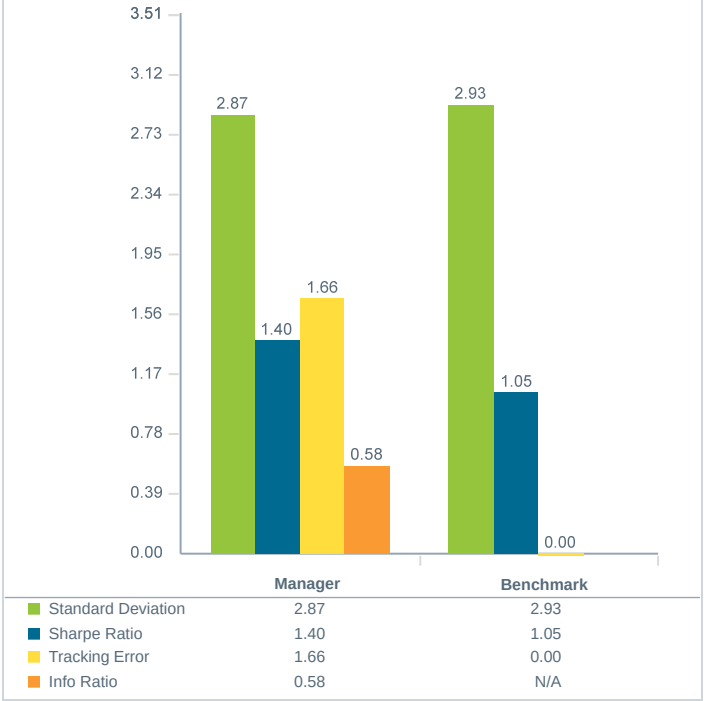
Manager: Guggenheim CMBS (SA) **As of March 31, 2021**

Benchmark: Bloomberg US CMBS Inv Grade: Aaa Index

Performance

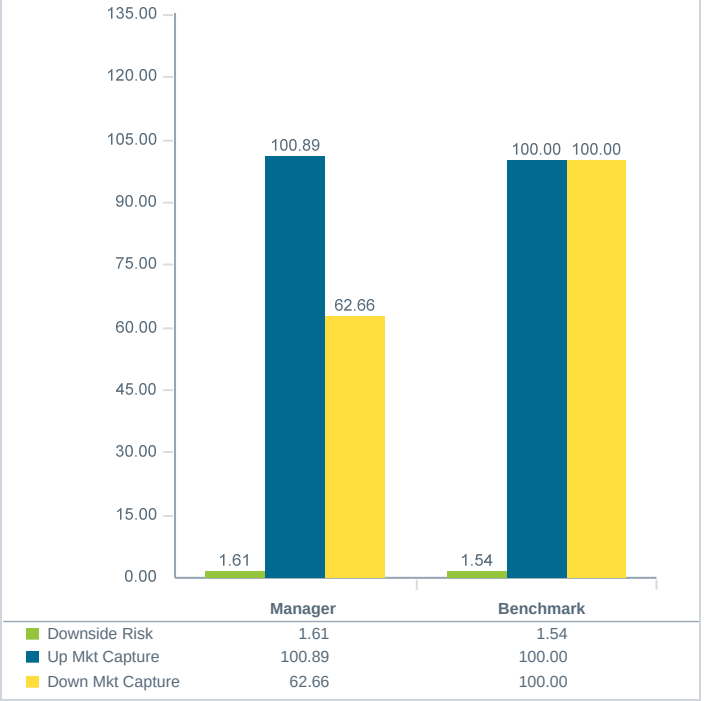
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**-2.52**	**2.69**	**4.17**	**4.37**	**4.07**	**4.72**	**6.43**	**6.38**	**2.74**	**5.61**	**4.16**
Benchmark	-2.51	3.60	5.21	3.36	3.55	3.72	8.33	7.88	0.83	3.11	3.40
Difference	-0.01	-0.91	-1.04	1.01	0.52	1.00	-1.90	-1.50	1.91	2.50	0.76

Historical Statistics - 10 Years



	Manager	Benchmark
Standard Deviation	2.87	2.93
Sharpe Ratio	1.40	1.05
Tracking Error	1.66	0.00
Info Ratio	0.58	N/A

Historical Statistics - 10 Years

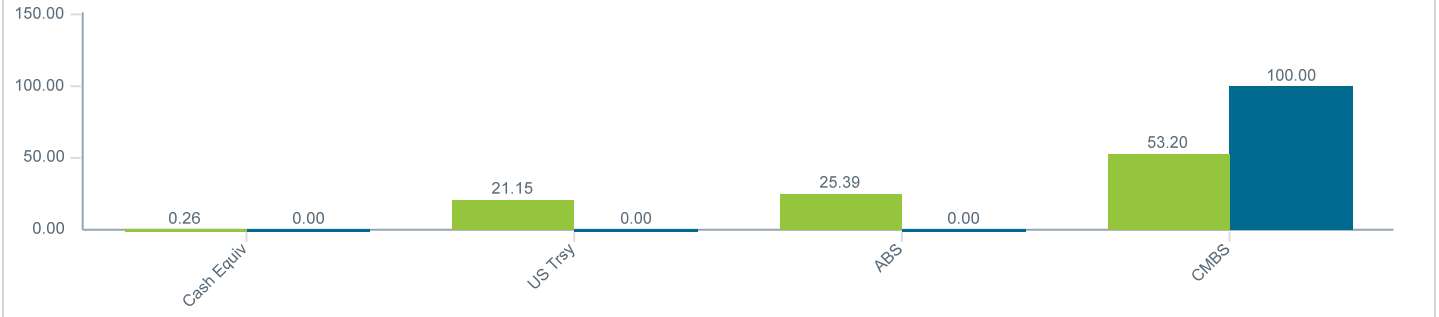


	Manager	Benchmark
Downside Risk	1.61	1.54
Up Mkt Capture	100.89	100.00
Down Mkt Capture	62.66	100.00

Portfolio Characteristics

	Portfolio	Benchmark
Effective Duration	5.22	5.21
Modified Duration	5.97	5.10
Spread Duration	3.98	5.21
Convexity	0.85	0.37
Avg. Maturity	17.80	5.63
Avg. Quality	Aa1	Aaa
Yield To Maturity (%)	2.30	1.57
Coupon Rate (%)	2.30	3.04
Yield To Worst (%)	2.20	1.57
Current Yield (%)	2.31	N/A
Holdings Count	83	2,271

Sector Distribution (%)



Performance shown is gross of fees and is product specific manager performance prior to 07/01/2010. Calculations are based on monthly periodicity.

RVK

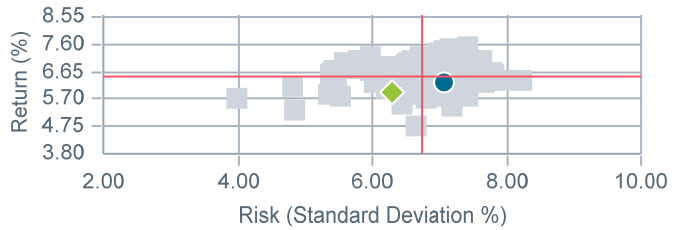
Manager: Allianz Global Investors US High Yield (SA)
Benchmark: ICE BofAML US Hi Yld Master II Index
Peer Group: IM U.S. High Yield Bonds (SA+CF)

As of March 31, 2021

Performance

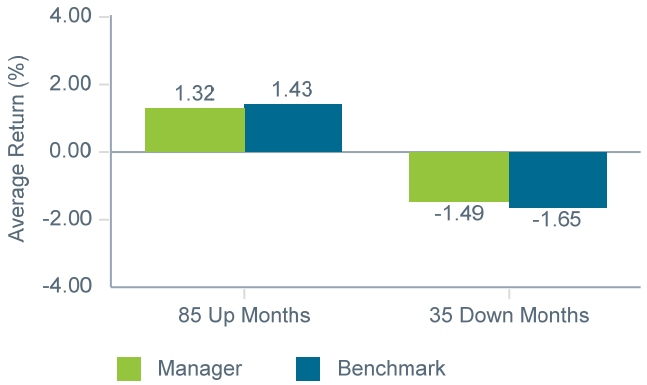
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**1.02**	**19.97**	**6.99**	**7.50**	**4.66**	**5.93**	**6.14**	**16.26**	**-2.79**	**6.38**	**13.35**
Benchmark	0.90	23.31	6.53	7.94	5.30	6.31	6.17	14.41	-2.27	7.48	17.49
Difference	0.12	-3.34	0.46	-0.44	-0.64	-0.38	-0.03	1.85	-0.52	-1.10	-4.14
Peer Group Median	0.99	22.49	6.71	7.80	5.37	6.51	6.52	14.25	-1.66	7.49	14.07
Rank	48	70	35	58	80	76	58	12	81	78	61
Population	147	147	143	137	130	107	162	182	192	197	203

Peer Group Scattergram - 10 Years

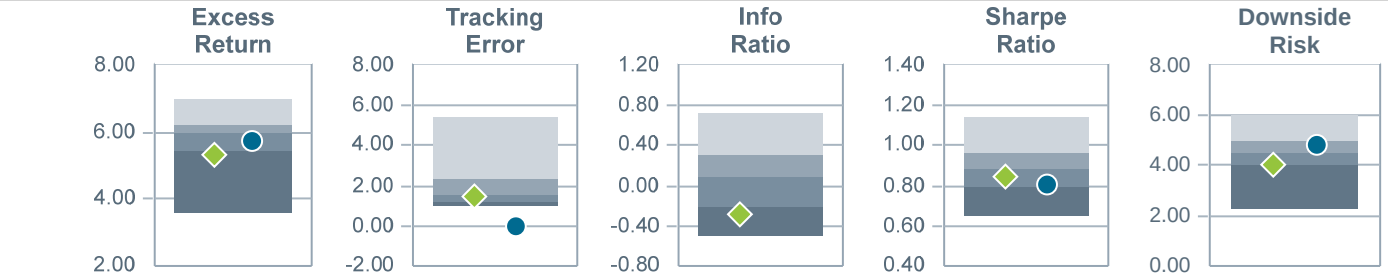


	Return	Standard Deviation
Manager	5.93	6.29
Benchmark	6.31	7.08
Median	6.52	6.74

Up/Down Markets - 10 Years



Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)

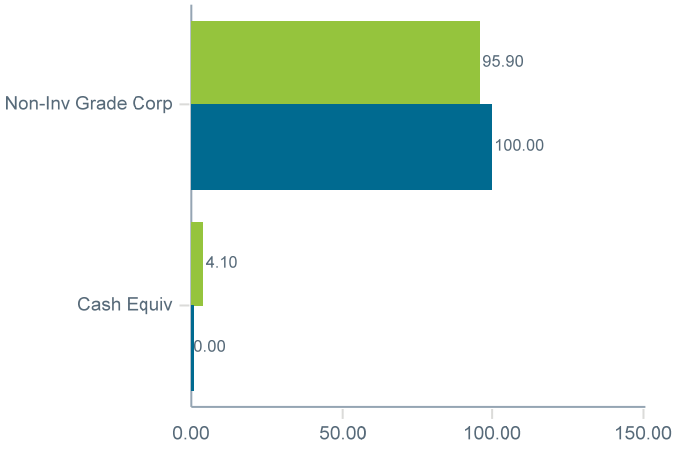


	Excess Return		Tracking Error		Info Ratio		Sharpe Ratio		Downside Risk	
Manager	5.34	(78)	1.46	(55)	-0.29	(83)	0.84	(64)	4.06	(75)
Benchmark	5.76	(62)	0.00	(100)	N/A		0.81	(71)	4.83	(33)
Median	5.95		1.55		0.09		0.89		4.55	

Portfolio Characteristics

	Portfolio	Benchmark
Effective Duration	3.60	4.05
Spread Duration	N/A	3.81
Avg. Maturity	6.40	6.56
Avg. Quality	B1	B1
Yield To Maturity (%)	4.90	4.92
Coupon Rate (%)	6.20	5.90
Current Yield (%)	5.79	5.95
Holdings Count	163	2,049

Sector Distribution (%)



Performance shown is gross of fees and client specific. Calculation is based on monthly periodicity. Parenthesis contain percentile ranks.

RVK

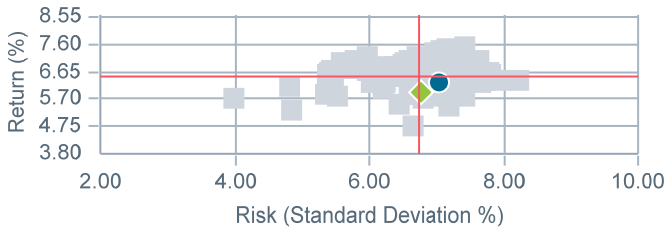
Manager: Fort Washington High Yield (SA)
Benchmark: ICE BofAML US Cash Pay Hi Yld Index
Peer Group: IM U.S. High Yield Bonds (SA+CF)

As of March 31, 2021

Performance

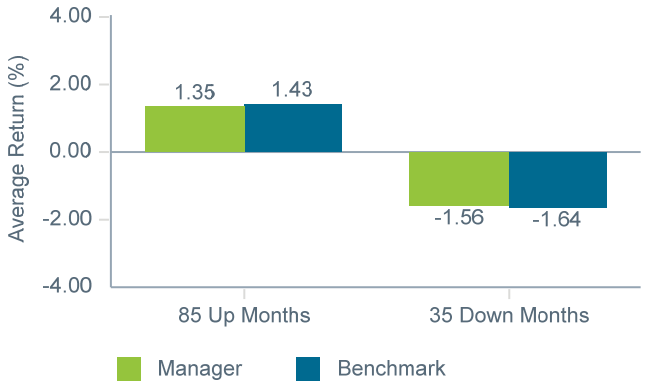
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**0.15**	**20.97**	**6.21**	**6.96**	**4.83**	**5.97**	**4.79**	**15.51**	**-2.13**	**7.64**	**13.05**
Benchmark	0.81	23.15	6.51	7.90	5.28	6.30	6.21	14.40	-2.26	7.48	17.34
Difference	-0.66	-2.18	-0.30	-0.94	-0.45	-0.33	-1.42	1.11	0.13	0.16	-4.29
Peer Group Median	0.99	22.49	6.71	7.80	5.37	6.51	6.52	14.25	-1.66	7.49	14.07
Rank	94	64	69	73	74	75	78	25	64	44	63
Population	147	147	143	137	130	107	162	182	192	197	203

Peer Group Scattergram - 10 Years

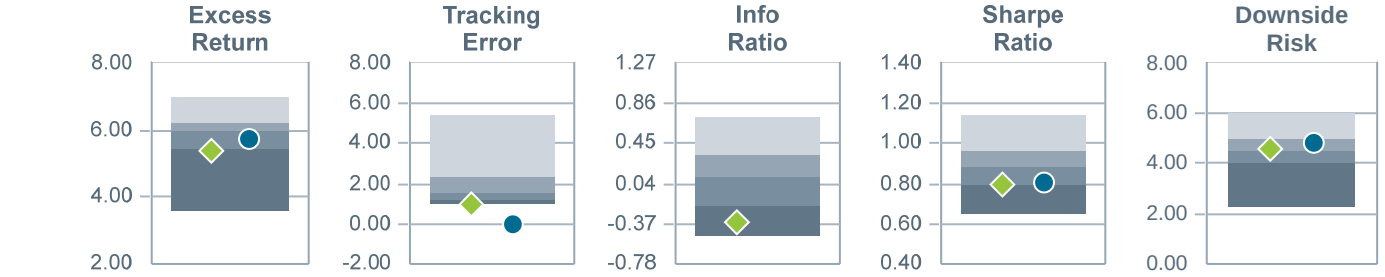


	Return	Standard Deviation
Manager	5.97	6.78
Benchmark	6.30	7.04
Median	6.52	6.74

Up/Down Markets - 10 Years



Peer Group Analysis - Multi Statistics - 10 Years (Excess Return vs. Risk Free)



	Excess Return	Tracking Error	Info Ratio	Sharpe Ratio	Downside Risk
Manager	5.41 (76)	0.96 (90)	-0.34 (86)	0.79 (75)	4.58 (47)
Benchmark	5.74 (62)	0.00 (100)	N/A	0.81 (70)	4.79 (35)
Median	5.95	1.54	0.11	0.89	4.55

Portfolio Characteristics

	Portfolio	Benchmark
Effective Duration	4.21	4.06
Spread Duration	4.14	3.81
Avg. Maturity	4.86	6.57
Avg. Quality	Ba3	B1
Yield To Maturity (%)	4.88	4.86
Coupon Rate (%)	5.61	5.87
Current Yield (%)	5.39	5.91
Holdings Count	351	2,034

Sector Distribution (%)



Performance shown is gross of fees and is product specific manager performance prior to 07/01/2015. Calculation is based on monthly periodicity.
Parenthesis contain percentile ranks. Allocation to "Other" consists of Preferred Securities.

RVK

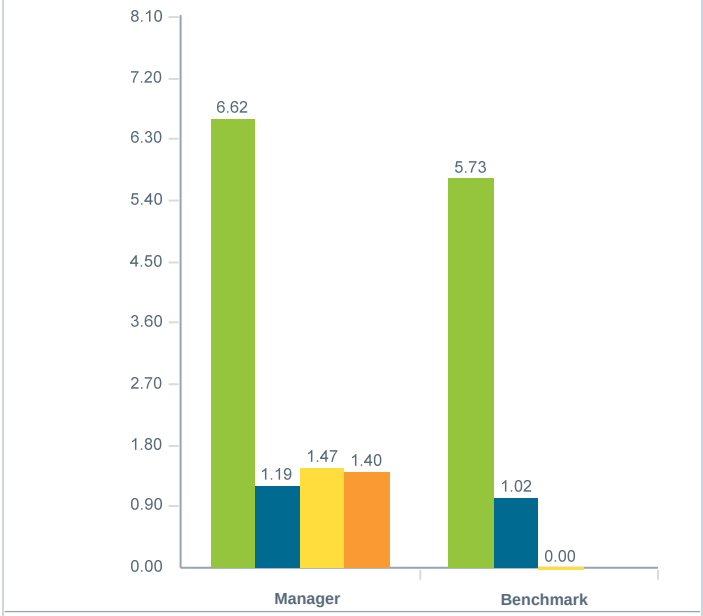
Manager: Cohen & Steers Preferreds (SA) **As of March 31, 2021**

Benchmark: 50% ICE BofAML All Cap/50% ICE BofAML Fxd Pref Idx

Performance

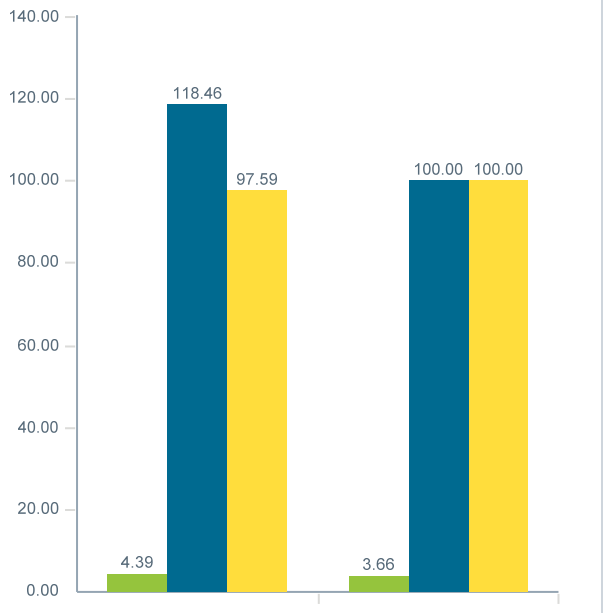
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**-0.48**	**23.03**	**8.29**	**7.93**	**7.93**	**8.69**	**8.94**	**19.33**	**-3.32**	**12.08**	**5.50**
Benchmark	-0.98	17.62	7.02	6.42	6.21	6.55	7.92	17.76	-3.94	10.10	3.76
Difference	0.50	5.41	1.27	1.51	1.72	2.14	1.02	1.57	0.62	1.98	1.74

Historical Statistics - 10 Years



	Manager	Benchmark
Standard Deviation	6.62	5.73
Sharpe Ratio	1.19	1.02
Tracking Error	1.47	0.00
Info Ratio	1.40	N/A

Historical Statistics - 10 Years

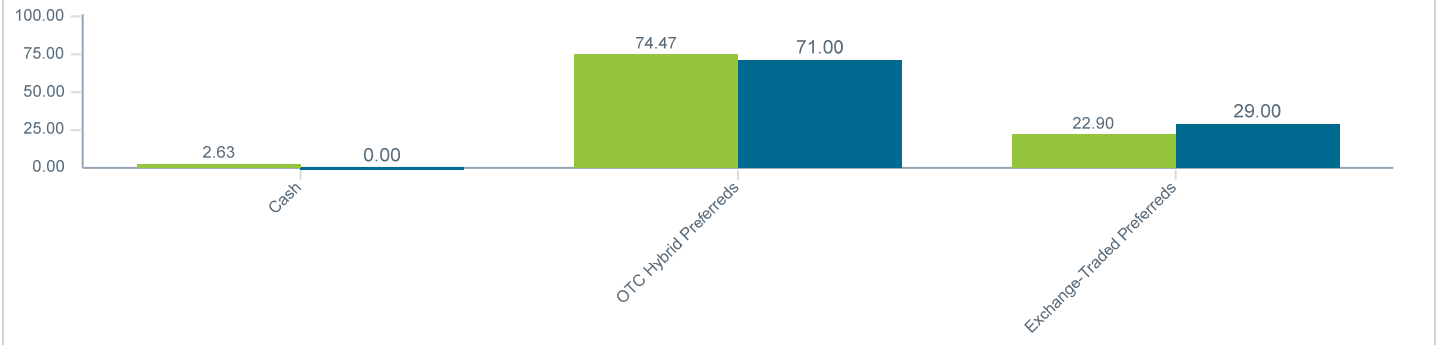


	Manager	Benchmark
Downside Risk	4.39	3.66
Up Mkt Capture	118.46	100.00
Down Mkt Capture	97.59	100.00

Portfolio Characteristics

	Portfolio	Benchmark
Modified Duration	4.60	4.60
Avg. Maturity	14.90	18.50
Avg. Quality	Baa3	Baa3
Yield To Maturity (%)	5.30	4.90
Coupon Rate (%)	5.90	5.50
Current Yield (%)	5.40	5.00
Holdings Count	221	311

Sector Distribution (%)



Performance shown is gross of fees and client specific. Calculations are based on monthly periodicity. Benchmark portfolio characteristics and sector distribution are provided by the manager.

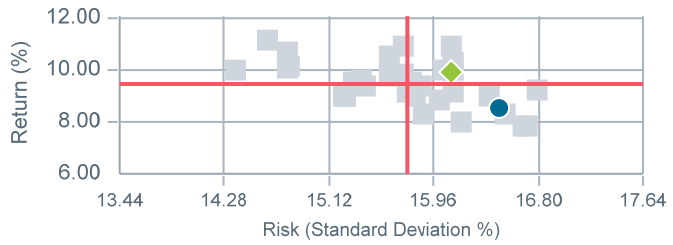
RVK

Manager: CenterSquare US REIT Total Return (SA) **As of March 31, 2021**
Benchmark: FTSE NAREIT Eq REITs TR Index
Peer Group: IM U.S. REIT (SA+CF)

Performance

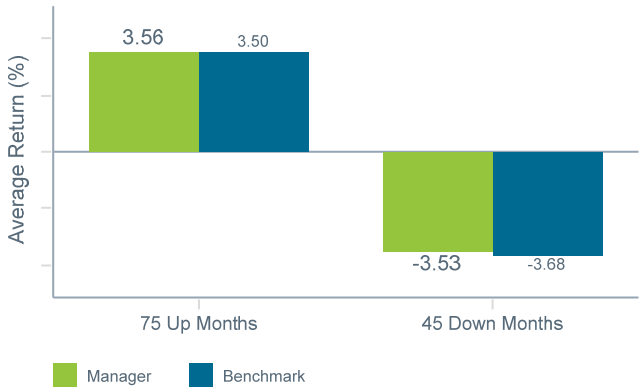
	QTD	1 Year	3 Years	5 Years	7 Years	10 Years	2020	2019	2018	2017	2016
Manager	**8.55**	**38.19**	**11.04**	**6.78**	**9.34**	**9.90**	**-3.81**	**27.42**	**-4.80**	**6.91**	**8.78**
Benchmark	8.87	37.78	9.45	5.33	7.68	8.56	-8.00	26.00	-4.62	5.23	8.52
Difference	-0.32	0.41	1.59	1.45	1.66	1.34	4.19	1.42	-0.18	1.68	0.26
Peer Group Median	8.33	35.85	10.80	6.79	8.90	9.50	-4.37	28.09	-4.14	6.35	7.05
Rank	40	19	47	52	34	35	47	57	70	40	35
Population	46	46	46	45	43	40	47	52	56	56	59

Peer Group Scattergram - 10 Years

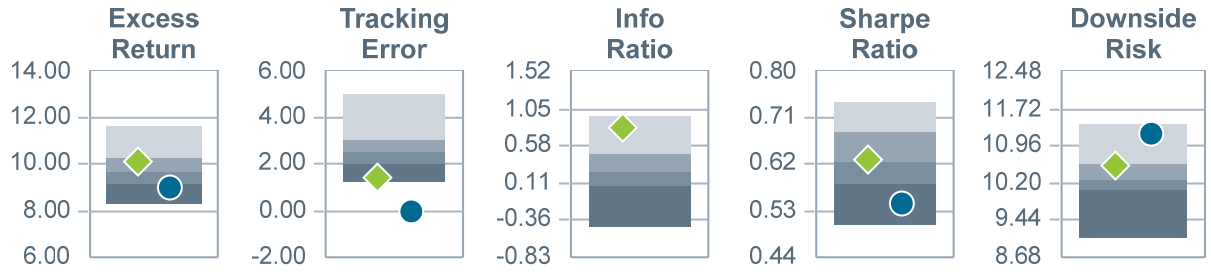


	Return	Standard Deviation
Manager	9.90	16.11
Primary Benchmark	8.56	16.48
Median	9.50	15.76

Up/Down Markets - 10 Years



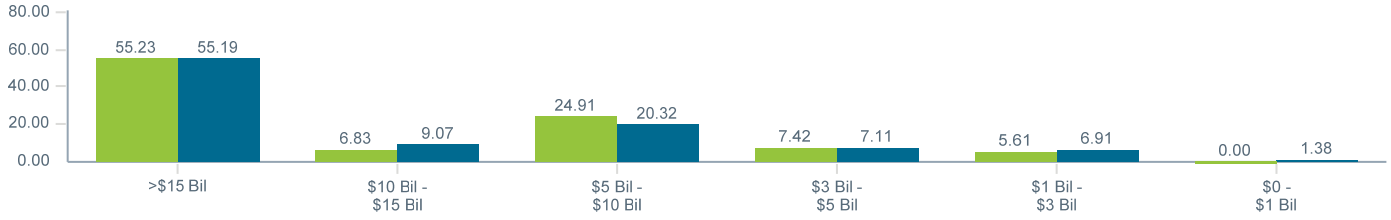
Peer Group Analysis - Multi Statistics - 10 Years



	Excess Return	Tracking Error	Info Ratio	Sharpe Ratio	Downside Risk
Manager	10.16 (30)	1.40 (90)	0.82 (8)	0.63 (50)	10.54 (30)
Primary Benchmark	9.00 (81)	0.00 (100)	N/A	0.55 (85)	11.20 (14)
Median	9.69	2.56	0.26	0.63	10.27

Portfolio Characteristics and Dist. of Market Cap

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap ($M)	23,759	23,930
Median Mkt. Cap ($M)	8,929	3,252
Price/Earnings Ratio	48.75	40.05
Price/Book Ratio	2.23	2.42
5 Yr. EPS Growth Rate (%)	-0.67	1.56
Current Yield (%)	2.98	3.33
Beta (5 Years, Monthly)	0.95	1.00
Number of Securities	55	149



Performance shown is gross of fees and is client specific. Calculations are based on monthly periodicity. Parenthesis contain percentile ranks.

RVK

Addendum & Glossary



Performance Related Comments:

- RVK began monitoring the assets of Commissioners of the Land Office, State of Oklahoma as of 07/1/2005. Prior historical data was provided by the previous consultant.
- Performance may differ from manager-reported performance due to differences in pricing, as well as differences in calculation methodology.
- Performance for composites and investment managers uses different methodologies. For additional information, please see the Glossary.
- The inception dates shown represent the first full month of client-specific performance.
- Performance shown prior to client inception date is product-specific manager performance, and is illustrative of the strategies' long-term performance.
- Indices show N/A for since inception returns when the fund contains more history than the corresponding benchmark.
- Beginning in 01/2008, manager performance is used for periods when the differences in pricing methodologies between the manager and custodian lead to a considerable variance in client performance. Prior to this time period, custodian pricing was used for performance calculations where manager and custodian pricing differed.
- In 09/2008, the Robeco Boston Partners Mid Cap Value (SA) portfolio changed to the Premium Equity Product (PEP), an All Cap Value strategy. Thus, performance shown prior to September 2008 is reflective of the Mid Cap Value (SA) product.
- Vanguard Tot I Stk;Ins + (VTPSX) performance may deviate from the benchmark due to the fund's use of fair-value pricing.
- Performance shown for Vanguard Hi Dv Yld;Adm (VHYAX) is represented by Vanguard Hi Dv Yld;Inv (VHDYX) through 02/2019.

Custom Index Comments:

- The passive **Target Allocation Index** is calculated monthly and currently consists of 16% S&P 500 Index (Cap Wtd), 5% Russell 2000 Index, 6% MLP Custom Index, 10% Vanguard Spl Tot Int'l Stock Index, 38% Bloomberg US Agg Bond Index, 11% High Yield Custom Index, 11% 50% ICE BofAML All Cap/50% ICE BofAML Fxd Pref Idx, and 3% FTSE NAREIT Eq REITs Index (TR).
- The active **Actual Allocation Index** is calculated monthly using beginning of month investment weights applied to each corresponding primary benchmark return.
- The passive **Russell 3000 Val Custom Index** is calculated monthly and consists of 100% Russell Mid Cap Value Index from inception to 08/31/2008 and 100% Russell 3000 Val Index thereafter.
- The passive **MLP Custom Index i**s calculated monthly and consists of 50% S&P MLP Index (TR) and 50% Tortoise MLP Index (TR) through 12/31/2019, and 100% S&P MLP Index (TR) thereafter.
- The **Vanguard Spl Tot Int'l Stock Index** consists of Tot Int'l Comp Index (an asset-weighted blend of stocks in the MSCI Eur Index (USD) (Net), MSCI Pac Index (USD) (Net), and MSCI Emg Mkts Index (USD) (Net)) through 08/31/2006; MSCI EAFE + Emg Mkts Index (USD) (Net) through 12/15/2010; MSCI ACW Ex US IM Index (USD) (Net) through 06/02/2013; and FTSE Gbl All Cap Ex US Index (USD) (Net) thereafter.
- The passive **High Yield Custom Index** is calculated monthly and consists of 50% ICE BofAML US Hi Yld Master II Index and 50% ICE BofAML US Cash Pay Hi Yld Index.

Miscellaneous Comments:

- Robeco BPAM Premium Eq (SA) is included in the Large Cap Equity market value.
- Domestic Fixed Income consists of Dodge & Cox Fixed Income (SA), Cutwater Core Plus Select Income (SA), Guggenheim (BBB) (SA), JPMorgan MBS (SA), and Guggenheim CMBS (SA).
- Guggenheim (BBB) (SA) began active management in 04/2016. Prior performance is representative of assets transferred in kind from Atlantic Asset (BBB).

Glossary

Active Return - The difference between the investment manager/composite performance relative to the performance of an appropriate market benchmark.

Active Share - Measures the degree to which the holdings of a fund differ from the holdings of the benchmark. Active share is calculated by taking the sum of the absolute value of the differences of the weight of each holding in the fund versus the weight of each holding in the benchmark and dividing by two.

Alpha - A measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta. It is a measure of the portfolio's historical performance not explained by movements of the market or a portfolio's non-systematic return.

Alpha Ratio - A measure of a portfolio's non-systematic return per unit of downside risk. It is measured by dividing the alpha of a portfolio by the downside risk. The non-systematic return is a measure of a portfolio's historical performance not explained by movements of the market.

Average Quality - Bond quality ratings are reported using the investment managers' and the index providers' preferred rating agency. *Average Quality for managers unable to provide this statistic is instead provided by Morningstar; if unavailable on Morningstar, it has been estimated using a credit quality distribution provided by the manager.* There are two primary rating agencies in the US. *Moody's* assigns ratings on a system that employs up to four symbols (consisting of letters and numbers), such as, Aaa, Aa2, etc., with Aaa being the highest or safest rating. *Standard & Poor's (S&P)* employs a system that uses + and - along with letters, such as AAA, AA+, etc. The two rating agencies' systems are summarized below:

S&P	Moody's	Explanation	S&P	Moody's	Explanation
Higher Credit Quality – Investment Grade			**Lower Credit Quality – Below Investment Grade**		
AAA	Aaa	Prime/Highest credit quality	BB+	Ba1	Speculative/Low credit quality
AA+	Aa1	High credit quality	BB	Ba2	
AA	Aa2		BB-	Ba3	
AA-	Aa3		B+	B1	Highly speculative
A+	A1	Upper-medium credit quality	B	B2	
A	A2		B-	B3	
A-	A3		CCC+	Caa1	Substantial credit/default risk
BBB+	Baa1	Lower-medium credit quality	CCC	Caa2	Extremely speculative
BBB	Baa2		CCC-	Caa3	
BBB-	Baa3		CC	Ca	Vulnerable to default
			C	Ca	
			D	C	In default

Benchmark Effect - The difference between the blended return of each respective managers' benchmark within a composite and the composite's benchmark return.

Beta - A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of a portfolio's non-diversifiable or systematic risk.

Box Plots - A graphical representation of the distribution of observations. From top to bottom, the four boxes represent the spread between the maximum value and the minimum value in each quartile. A quartile represents the values that divide the observations into four quarters (i.e., 1st quartile, 2nd quartile, 3rd quartile, and 4th quartile). The median observation is where the 2nd quartile and 3rd quartile meet.

Buy and Hold Attribution - At the beginning of the time period under analysis, the manager and benchmark portfolios are broken down into segments (i.e., styles, sectors, countries, and regions) based on the desired type of attribution. The formula assumes zero turn-over to the manager and benchmark portfolios throughout the period and calculates the segment returns ("buy and hold returns") to arrive at performance attribution. Due to portfolio turnover, buy and hold attribution may not accurately represent quarterly performance relative to the benchmark. Country, region, sector, and style allocations are as of the date one quarter prior to the reporting date, and the returns shown are for those segments throughout the quarter reported. Due to disclosure guidelines set by each investment manager, equity characteristics shown are as of the most recent date available. The following is the methodology for segment classification:

Sector - Attribution is calculated using the Global Industry Classification Standard (GICS), which is a detailed and comprehensive structure for sector and industry analysis. Stocks are classified by their primary sector as defined by S&P Capital IQ data.

Country/Region - Attribution is calculated using the Morgan Stanley Capital International (MSCI) region standards. Stocks are classified by their domicile country/region, as defined by S&P Capital IQ data, and thus may differ from the classification of the investment manager and/or index provider.

Style - Stocks are classified into the following style boxes: large/mid/small vs. growth/neutral/value. Stocks are classified along large/mid/small categories at the time of the Russell index rebalancing, using the index market cap boundaries as cutoff points. Stocks are classified along growth/neutral/value categories at the time of the Russell index rebalancing, using the price/book ratio as supplied by S&P Capital IQ. Stocks in the Russell 3000 Index portfolio are sorted by price/book ratio; names with the highest price/book ratio that make up 1/3 of the total market capitalization are assigned to the growth category, and names that make up the subsequent 1/3 of the total market capitalization are assigned to the neutral category, while the balance of the names are assigned to the value category. Stocks are unclassified when there is not enough data to determine a size and style metric.

Portfolio Characteristics and Buy and Hold Attribution reports utilize product-specific data for all mutual funds and commingled funds.

Capital Markets Review -

Breakeven Inflation - Measures the expected inflation rate at each stated maturity by taking the difference between the real yield of the inflation-linked maturity curve and the yield of the closest nominal Treasury maturity.

Consumer Confidence - Measures domestic consumer confidence as defined by the degree of optimism on the state of the economy that consumers express through saving and spending.

Consumer Price Index (CPI) - Measures the change in the price level of consumer goods and services.

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Federal Funds Rate - The interest rate at which a depository institution lends funds maintained at the Federal Reserve to another depository institution overnight. It is one of the most influential interest rates in the US economy, since it affects monetary and financial conditions, which in turn have a bearing on key aspects of the broad economy including employment, growth and inflation.
Option-Adjusted Spread - Measures the flat spread of an index or bond to the Treasury yield curve after removing the effect of any embedded options.
Purchasing Managers Index (PMI) - Measures economic activity by surveying purchasing managers on a monthly basis as to whether business conditions have improved, worsened, or stayed the same.
Real Gross Domestic Product (Real GDP) - An inflation-adjusted measure that reflects the value of all goods and services produced by an economy in a given year.
Unemployment Rate - The percentage of the total labor force that is unemployed but actively seeking employment.
US Dollar Total Weighted Index - Measures the value of the US Dollar relative to a basket of other world currencies. It is calculated as the weighted geometric mean of the dollar's value versus the EUR, GBP, CAD, SEK, CHF, and JPY.
VIX - Measures the implied volatility of S&P 500 Index options by looking at the market's expectation of the S&P 500 Index volatility over the next 30 day period. Commonly referred to as the "fear index" or the "fear gauge."

Cash Flow Effect – The composite's active return minus the sum of each managers' active return minus the benchmark effect.

Consistency - The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. The higher the consistency figure, the more value a manager has contributed to the product's performance.

Convexity - A measure of the shape of the curve that describes the relationship between bond prices and bond yields.

Correlation - A statistical measure of the relationship between asset class returns. A value of 1.00 is a perfect correlation; that is, the asset classes always move in the same direction. A value of -1.00 indicates a perfect negative correlation, in which the asset classes always move in opposite directions of each other. A value of 0 indicates there is no relationship between the direction of returns of the two asset classes. Correlation calculations only consider the direction of changes relative to two variables and not the magnitude of those changes.

Coupon Rate - The percentage rate of interest paid on a bond or fixed income security; it is typically paid twice per year.

Current Yield - The annual income of a security divided by the security's current price.

Down Market Capture - Down market by definition is negative benchmark return and down market capture represents the ratio in % terms of the average portfolios return over the benchmark during the down market period. The lower the value of the down market capture the better the product's performance.

Downside Risk - A measure similar to standard deviation that focuses only on the negative movements of the return series. It is calculated by taking the standard deviation of the negative returns for the selected periodicity. The higher the factor, the riskier the product.

Earnings Per Share - It is backward looking, calculated using the one year current EPS divided by the one year EPS five years ago.

Effective Duration - The approximate percentage change in a bond's price for a 100 basis point change in yield.

Excess Return vs. Market - Average of the monthly arithmetic difference between the manager's return and the benchmark return over a specified time period, shown on an annualized basis.

Excess Return vs. Risk Free - Average of the monthly arithmetic difference between the manager's return and the risk-free return (i.e., ICE BofAML 3 Mo US T-Bill Index unless specified otherwise) over a specified time period, shown on an annualized basis.

Excess Risk - A measure of the standard deviation of a portfolio's performance relative to the risk-free return.

Expense Ratios - Morningstar is the source for mutual fund expense ratios.

Gain/Loss - The net increase or decrease in the market value of a portfolio excluding its Net Cash Flow for a given period.

Indices - All indices and related information are considered intellectual property and are licensed by each index provider. The indices may not be copied, used, or distributed without the index provider's prior written approval. Index providers make no warranties and bear no liability with respect to the indices, any related data, their quality, accuracy, suitability, and/or completeness.

Information Ratio - Measured by dividing the active rate of return by the tracking error. The higher the information ratio, the more value-added contribution by the manager.

Liability Driven Investing (LDI) - A method to optimally structure asset investments relative to liabilities. The change in liabilities is estimated by the Ryan Labs Generic PPA Index of appropriate duration for that Plan. This benchmark is based on generic data and is therefore an approximation. RVK is not an actuarial firm, and does not have actuarial expertise.
Estimated Funded Status - The estimated ratio of a Plan's assets relative to its future liabilities. This is calculated by dividing the Plan's asset market value by the estimated present value of its liabilities. The higher the estimated funded status, the better the Plan's ability to cover its projected benefit obligations. An estimated funded status of 100% indicates a Plan that is fully funded.
Estimated PV of Liabilities - An estimate of a Plan's future liabilities in present value terms. The beginning of the period liability is provided by the Plan's actuary. The period-end present value liability estimate provided in this report is derived by applying the estimated percentage change generated using the Ryan Labs Generic PPA Index with duration similar to that reported on the most recent actuarial valuation report.
Duration of Liabilities - The sensitivity of the value of a Plan's liabilities to changes in interest rates, as calculated by the Plan's actuary.
Duration of Assets - The dollar-weighted average duration of all the individual Plan assets.
Estimated Plan Hedge Ratio - The estimate of how well a Plan's investment portfolio is hedged against changes in interest rates - a primary driver of funded status movements. This is calculated by dividing the dollar-weighted values of both the Plan asset duration by the liability duration and

multiplying by the estimated funded status. An estimated plan hedge ratio of zero indicates that the Plan's liabilities have not been hedged, whereas a value of one indicates fully hedged.

Modified Duration - The approximate percentage change in a bond's price for a 100 basis point change in yield, assuming the bonds' expected cash flows do not change.

Mutual Fund Performance - Whenever possible, manager performance is extended for any share class that does not have 10 years of history. Using Morningstar's methodology, a single ticker within the same fund family (often the oldest share class) is chosen to append historical performance.

Net Cash Flow - The sum, in dollars, of a portfolio's contributions and withdrawals. This includes all management fees and expenses only when performance shown is gross of fees.

Peer Groups -

Plan Sponsor Peer Groups - RVK utilizes the Mellon Analytical Solutions Trust Universe along with the Investment Metrics Plan Sponsor Universe. The combined Mellon Analytical Solutions Trust Universe and Investment Metrics Plan Sponsor Universe is used for comparison of total fund composite results and utilizes actual client performance compiled from consultant and custodian data. The Plan Sponsor Peer Group database includes performance and other quantitative data for over 2,100 plans which include corporate, endowment, foundation, public, and Taft Hartley plans.

Investment Manager Peer Groups - RVK utilizes Investment Metrics' Peer Groups for investment manager peer comparison and ranking. The Investment Metrics Peer Group database includes performance and other quantitative data for over 840 investment management firms and 29,000 investments products, across more than 160 standard peer groups. Mutual Fund Peer Groups are net of fees.

Percentile Rankings - Percentile rank compares an individual fund's performance with those of other funds within a defined peer group of managers possessing a similar investment style. Percentile rank identifies the percentage of a fund's peer group that has a higher return (or other comparative measurement) than the fund being ranked. Conversely, 100 minus the individual fund's ranking will identify the percentage of funds within the peer group that have a lower return than the fund being ranked.

1 - Highest Statistical Value 100 - Lowest Statistical Value

Example: American Funds AMCP;R-4 (RAFEX) is ranked in the 4th percentile within the IM US Equity Large-Cap Growth Funds (MF) Peer Group for the Sharpe Ratio. Within the IM US Equity Large-Cap Growth Funds peer group, 4% of the other funds performed better than American Funds AMCP;R-4 (RAFEX), while 96% of the funds performed worse.

Performance Methodology - RVK calculates performance for investment managers and composites using different methodologies.

Investment Managers - Performance is calculated for interim periods between all large external cash flows for a given month and geometrically linked to calculate period returns. An external cash flow is defined as cash, securities, or assets that enter or exit a portfolio. RVK defines a "large cash flow" as a net aggregate cash flow of ≥10% of the beginning-period portfolio market value or any cash flow that causes RVK calculated performance to deviate from manager/custodian reported performance in excess of 5 basis points for a given month.

Composites - The Modified Dietz methodology is utilized to calculate asset class, sub-asset class, and total fund composite performance. The Modified Dietz method calculates a time-weighted total rate of return that considers the timing of external cash flows; however, it does not utilize interim period performance to mitigate the impact of significant cash in- and outflows to the composite.

RVK calculates performance beginning with the first full month following inception. Since inception performance may vary from manager reported performance due to RVK using the first full month of returns as the inception date. Performance for both managers and composites is annualized for periods greater than one year.

Portfolio Characteristics - Due to disclosure guidelines set by each investment manager, portfolio characteristics shown are as of the most recent date available.

Price to Earnings Ratio - The ratio valuing a company's current share price relative to its trailing 12-month per-share earnings (EPS).

Private Equity Quartile Ranks - Private Equity quartile ranks are generated using vintage year peer group data provided by Thomson Reuters, and are based on each fund's annualized, since inception internal rate of return (IRR). Three Private Equity peer groups are available via Thomson Reuters: Buyout, Venture, and All Private Equity. Ranks are available quarterly, at a one-quarter lag.

R-Squared - The percentage of a portfolio's performance explained by the behavior of the appropriate benchmark. High R-Squared means a higher correlation of the portfolio's performance to the appropriate benchmark.

Return - Compounded rate of return for the period.

% Return - The time-weighted rate of return of a portfolio for a given period.

Risk Free Benchmark – ICE BofAML 3 Mo US T-Bill Index unless specified otherwise.

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RVK Liquidity Rating - A qualitative method for determining the relative amount of liquidity in a portfolio. The characteristics considered when determining relative liquidity include trading volume, gates for redemption, leverage, nature of transactions, and pricing mechanisms. The RVK Liquidity Rating is calculated using beginning of month investment weights applied to each corresponding asset class liquidity rating.

Asset Class	RVK Liquidity Rating
Liquid Investments	
T-Bills and Treasurys	100
Cash Equivalents	98
TIPS	95
US Large Cap Equity	95
Diversified Real Return	93
Stable Value (Participant Directed)	91
Global Equity	90
Non-US Large Cap Equity	90
Global Tactical Asset Allocation	88
MLPs	85
US Mid Cap Equity	85
US SMid Cap Equity	85
US Small Cap Equity	85
REITs	85
Non-US Small Cap Equity	85
Emerging Markets Equity	85
Core Fixed Income	85
Core Plus Fixed Income	80

Asset Class	RVK Liquidity Rating
Less Liquid Investments	
Fixed Income Plus Sector	50
Stable Value (Plan Sponsor Directed)	50
Hedge Funds of Funds	35
Not Liquid Investments	
Core Real Estate	25
Core Plus Real Estate	15
Non-Core Real Estate	5
Private Equity Funds of Funds	5

Sector Allocation - Negative fixed income sector allocation reflects manager's use of derivatives, short selling, or interest rate swaps.

Sharpe Ratio - Represents the excess rate of return over the risk-free return (i.e., ICE BofAML 3 Mo US T-Bill Index unless specified otherwise), divided by the standard deviation of the excess return to the risk free asset. The result is the absolute rate of return per unit of risk. The higher the value, the better the product's historical risk-adjusted performance.

Simple Alpha - The difference between the manager's return and the benchmark's return.

Spread Duration - The approximate percentage change in a bond's price for a 100 basis point change in its spread over a Treasury of the same maturity.

Standard Deviation - A statistical measure of the range of a portfolio's performance. The variability of a return around its average return over a specified time period.

Thematic Classification - Represents dedicated manager allocations; as such, thematic allocations are approximations. RVK categorizes the following asset classes as Alpha, Capital Appreciation, Capital Preservation, and Inflation:

Alpha	Capital Appreciation	Capital Preservation	Inflation
Absolute Return Strategies	Public Equity	Core Fixed Income	TIPS
Currency Overlay	Private Equity	CMBS Fixed Income	Bank Loans
	Preferred Securities	Asset Backed Fixed Income	Core Real Estate
	High Yield	Domestic Core Plus Fixed Income	Real Return
	Convertible Fixed Income	Mortgage Backed Fixed Income	Inflation Hedges
	TALF Funds	International Developed Fixed Income	REITs
	Distressed Debt	Cash Equivalents	Commodities
	Emerging Market Fixed Income	Stable Value	
	Value Added Real Estate		
	Opportunistic Real Estate		

Time Period Abbreviations - **QTD** - Quarter-to-Date. **CYTD** - Calendar Year-to-Date. **FYTD** - Fiscal Year-to-Date. **YOY** - Year Over Year.

Total Fund Attribution – The Investment Decision Process (IDP) model provides an approach to evaluating investment performance that applies to all asset classes and investment styles. The IDP model is based on a top-down hierarchy framework of investment decisions, with each decision contributing to the overall profit or loss. The IDP approach starts from the strategic asset allocation and follows the flow of the investments down to the manager's skill.

Strategic Asset Allocation (SAA) – The percentage return gained or lost from the long-term strategic asset allocation decision, the most significant determinant of long-term performance. SAA is the product of the target asset allocation multiplied by the corresponding benchmark returns.

Tactical Asset Allocation (TAA) – The percentage return gained or lost from not having been precisely allocated at the target asset allocation mix, whether by deviations that are tactical in nature or a by-product of moving towards the target mix. TAA is the product of the actual asset allocation multiplied by the broad asset class benchmarks, less the SAA.

Style Selection (SS) – The percentage return gained or lost from intentional style biases within each asset class (e.g. value rather than core or overweight to emerging markets relative to benchmark). SS is the product of the actual manager allocation within each asset class multiplied by their specific benchmark, less TAA.

Manager's Skill (MS) – The percentage return gained or lost from manager value added relative to their specific benchmark. MS is the product of the actual manager allocation multiplied by their achieved excess return.

Total Fund Beta - Total Fund Beta is calculated using the S&P 500 as the benchmark. It represents a measure of the sensitivity of the total fund to movements in the S&P 500 and is a measure of the Total Fund's non-diversifiable or systematic risk.

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Tracking Error - A measure of the standard deviation of a portfolio's performance relative to the performance of an appropriate market benchmark.

Treynor Ratio - Similar to Sharpe ratio, but focuses on beta rather than excess risk (standard deviation). Treynor ratio represents the excess rate of return over the risk-free rate (i.e., ICE BofAML 3 Mo US T-Bill Index unless specified otherwise) divided by the beta. The result is the absolute rate of return per unit of risk. The higher the value, the better historical risk-adjusted performance.

Unit Value - The dollar value of a portfolio, assuming an initial nominal investment of $100, growing at the compounded rate of %Return for a given period.

Up Market Capture - Up market by definition is positive benchmark return and up market capture represents the ratio in % terms of the average portfolio's return over the benchmark during the up market period. The higher the value of the up market capture the better the product's performance.

Yield to Maturity - The rate of return achieved on a bond or other fixed income security assuming the security is bought and held to maturity and that the coupon interest paid over the life of the bond will be reinvested at the same rate of return. The 30-Day SEC Yield is similar to the Yield to Maturity and is reported for mutual funds.

Yield to Worst - The bond yield calculated by using the worst possible yield taking into consideration all call, put, and optional sink dates.

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