

AGENDA
IRVINE RANCH WATER DISTRICT
POST-EMPLOYMENT BENEFITS TRUST RETIREMENT BOARD
QUARTERLY MEETING
MONDAY, AUGUST 5, 2024

This meeting will be held in-person at the District’s headquarters located at 15600 Sand Canyon Avenue, Irvine, California. The meeting will also be broadcasted via Webex for those wanting to observe the meeting virtually.

To observe this meeting virtually, please join online using the link and information below:

Via Web: <https://irwd.webex.com/irwd/j.php?MTID=md815af8baec7aae346e66102cbefa09a>
Meeting number (access code): 2482 462 0733
Meeting password: Usi2PKRbU23

As courtesy to the other participants, please mute your phone when you are not speaking.

PLEASE NOTE: Participants joining the meeting will be placed into the Webex lobby when the Committee enters closed session. Participants who remain in the “lobby” will automatically be returned to the open session of the Committee once the closed session has concluded. Participants who join the meeting while the Committee is in closed session will receive a notice that the meeting has been locked. They will be able to join the meeting once the closed session has concluded.

CALL TO ORDER 11:30 a.m.

ATTENDANCE Board Member: Peer Swan _____
 Board Member: Steve LaMar _____
 Board Member: Paul Cook _____

ALSO PRESENT Neveen Adly _____ Jennifer Davis _____
 Oliver Mendoza _____ Dan Quirk, SageView _____
 _____ _____ _____

PUBLIC COMMENT NOTICE

If you wish to address the Committee on any item, please submit a request to speak via the “chat” feature available when joining the meeting virtually. Remarks are limited to three minutes per speaker on each subject. You may also submit a public comment in advance of the meeting by emailing comments@irwd.com before 7:30 a.m. on Monday, August 5, 2024.

COMMUNICATIONS

1. Meeting Minutes: Neveen Adly
2. Public Comments
3. Determine the need to discuss and/or take action on item(s) introduced, which came to the attention of the District subsequent to the agenda being posted.
4. Determine which items may be approved without discussion.

INFORMATION

5. MINUTES OF THE MEETING OF THE IRVINE RANCH WATER DISTRICT 115 TRUSTS BOARD FOR PENSION TRUST AND OPEB TRUST – DAVIS / ADLY

Recommendation: That the minutes of the April 30, 2024 Board Meetings of the Irvine Ranch Water District 115 Trusts Board for Pension Trust and OPEB Trust be approved as presented.

ACTION

PENSION 115 TRUST

6. IRVINE RANCH WATER DISTRICT PENSION 115 TRUST INVESTMENT REVIEW AS OF JUNE 30, 2024 – DAVIS / ADLY

Recommendation: Staff to implement changes to the investment portfolio, if any.

OPEB 115 TRUST

7. IRVINE RANCH WATER DISTRICT OPEB 115 TRUST INVESTMENT REVIEW AS OF JUNE 30, 2024 – DAVIS / ADLY

Recommendation: Staff to implement changes to the investment portfolio, if any.

OTHER BUSINESS

8. Directors' Comments
9. Adjourn

 Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the above-named Retirement Board in connection with a matter subject to discussion or consideration at an open meeting of the Retirement Board are available for public inspection in the District's office, 15600 Sand Canyon Avenue, Irvine, California ("District Office"). If such writings are distributed to members of the Retirement Board less than 72 hours prior to the meeting, they will be available from the District Secretary of the District Office at the same time as they are distributed to the Retirement Board, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available electronically via the Webex meeting noted. Upon request, the District will provide for written agenda materials in appropriate alternative formats, and reasonable disability-related modification or accommodation to enable individuals with disabilities to participate in and provide comments at public meetings. Please submit a request, including your name, phone number and/or email address, and a description of the modification, accommodation, or alternative format requested at least two days before the meeting. Requests should be emailed to comments@irwd.com. Requests made by mail must be received at least two days before the meeting. Requests will be granted whenever possible and resolved in favor of accessibility.

August 5, 2024
Prepared by: J. Davis
Submitted by: N. Adly
Approved by: Paul A. Cook *PAC*

115 TRUSTS BOARD

MINUTES OF THE MEETING OF THE IRVINE RANCH WATER DISTRICT
115 TRUSTS BOARD FOR PENSION TRUST AND OPEB TRUST

SUMMARY:

Provided as Exhibit “A” and Exhibit “B” are the minutes of the April 30, 2024 meetings of the Irvine Ranch Water District 115 Trusts Board for Pension Trust and OPEB Trust for approval.

FISCAL IMPACTS:

None.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3, Section 15378.

RECOMMENDATION:

THAT THE MINUTES OF THE APRIL 30, 2024 BOARD MEETINGS OF THE IRVINE RANCH WATER DISTRICT 115 TRUSTS BOARD FOR PENSION TRUST AND OPEB TRUST BE APPROVED AS PRESENTED.

LIST OF EXHIBITS:

- Exhibit “A” – April 30, 2024 Minutes of the Irvine Ranch Water District 115 Trusts Board for Pension Trust
- Exhibit “B” – April 30, 2024 Minutes of the Irvine Ranch Water District 115 Trusts Board for OPEB Trust

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Exhibit "A"

MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS
OF THE IRVINE RANCH WATER DISTRICT 115 TRUSTS FOR PENSION TRUST

April 30, 2024

The meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) 115 Trust was called to order by Chair Swan at 11:30 a.m. on April 30, 2024.

Directors Present: Chair Peer Swan, Vice Chair Steve La Mar, and Paul Cook.

Also Present: Executive Director of Finance and Administrative Neveen Adly, Assistant Treasurer Jennifer Davis, and Dan Quirk of SageView Advisory Group.

COMMUNICATION: None.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED: None.

ACTION CALENDAR

MINUTES OF BOARD MEETING

Jennifer Davis presented the minutes from the February 6, 2024 meeting.

On MOTION by La Mar, seconded by Swan and affirmed by Cook, the minutes of the February 6, 2024 meeting were approved as presented.

Trust Investment Review

- A capital markets and legislative update was provided by SageView.
- All trust investment options were reviewed as of 03/31/2024. All options are currently performing in line with benchmarks or above 50th percentile peer group rankings.
- The Portfolio return and expense ratio, style analysis, and asset allocation by fund were reviewed. Of note was the following:
 - As of March 31, 2024, the IRWD 115 Pension Trust market value was \$122,342,840, up from \$114,576,005 on December 31, 2023.
 - For the quarter, the net total return was 6.78%, compared to the custom peer-group fund benchmark return of 6.84%.
 - For the trailing twelve months, the total return was 19.97%, beating the custom peer-group fund benchmark return of 18.67%.
The portfolio is primarily allocated to index funds, leading to a low overall expense ratio of 0.09%.
 - The two actively scored funds by SageView score in the upper half of peer group rankings, while all index funds receive a pass rating.

- The target portfolio allocation was adjusted, with trades implemented on 05/01/2024, as shown below:

Ticker	Fund	12/31/2023 % Target	05/01/2024 % Target
FDRXX	Fidelity Government Cash Reserves	0.0%	0.0%
BCOIX	Baird Core Plus Institutional	15.0%	18.0%
VWEAX	Vanguard High Yield Corporate Bond	10.0%	12.0%
	Fixed Income	25.0%	30.0%
VINIX	Vanguard Institutional Index	42.0%	42.0%
VHYAX	Vanguard High Dividend Yield Index Admiral	10.0%	10.0%
VEXAX	Vanguard Extended Market Index	12.0%	10.0%
VTMNX	Vanguard Developed Markets Index	11.0%	8.0%
	Equity	75.0%	70.0%

ADJOURNMENT

There being no further business, Chair Swan adjourned the meeting.

APPROVED and SIGNED this 5th day of August 2024.

Board Member, IRVINE RANCH WATER DISTRICT
115 TRUSTS BOARD

Secretary, IRVINE RANCH WATER DISTRICT
115 TRUSTS BOARD

Exhibit “B”

MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS
OF THE IRVINE RANCH WATER DISTRICT 115 TRUSTS FOR OPEB TRUST

April 30, 2024

The meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) 115 Trusts was called to order by Chair Peer Swan at 11:30 a.m. on April 30, 2024.

Directors Present: Chair Peer Swan, Vice Chair Steve La Mar, and Paul Cook.

Also Present: Executive Director of Finance and Administrative Neveen Adly, Assistant Treasurer Jennifer Davis, and Dan Quirk of SageView Advisory Group.

COMMUNICATION: None.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED: None.

ACTION CALENDAR

MINUTES OF BOARD MEETING

Jennifer Davis presented the minutes from the February 6, 2024 meeting.

On MOTION by Cook, seconded by La Mar and affirmed by Swan, the minutes of the February 6, 2024 meeting were approved as presented.

Trust Investment Review

- A capital markets and legislative update was provided by SageView.
- All trust investment options were reviewed as of 03/31/2024. All options are currently performing in line with benchmarks or above 50th percentile peer group rankings.
- The Portfolio return and expense ratio, style analysis, and asset allocation by fund were reviewed. Of note was the following:
 - As of March 31, 2024, the IRWD 115 OPEB Trust market value was \$11,491,090, up from \$10,759,509 on December 31, 2023.
 - For the quarter, the net total return was 6.80%, compared to the custom peer-group fund benchmark return of 6.81%.
 - The portfolio is primarily allocated to index funds, leading to a low overall expense ratio of 0.09%.
 - The two actively scored funds by SageView score in the upper half of peer group rankings, while all index funds receive a pass rating.

- The target portfolio allocation was adjusted, with trades implemented on 5/1/2024, as shown below:

Ticker	Fund	12/31/2023 % Target	05/01/2024 % Target
FDRXX	Fidelity Government Cash Reserves	0.0%	0.0%
BCOIX	Baird Core Plus Institutional	15.0%	18.0%
VWEAX	Vanguard High Yield Corporate Bond	10.0%	12.0%
	Fixed Income	25.0%	30.0%
VINIX	Vanguard Institutional Index	42.0%	42.0%
VHYAX	Vanguard High Dividend Yield Index Admiral	10.0%	10.0%
VEXAX	Vanguard Extended Market Index	12.0%	10.0%
VTMNX	Vanguard Developed Markets Index	11.0%	8.0%
	Equity	75.0%	70.0%


ADJOURNMENT

There being no further business, Chair Swan adjourned the meeting.

APPROVED and SIGNED this 5th day of August, 2024.

Board Member, IRVINE RANCH WATER DISTRICT
115 TRUSTS BOARD

Secretary, IRVINE RANCH WATER DISTRICT
115 TRUSTS BOARD

August 5, 2024
Prepared by: J. Davis
Submitted by: N. Adly
Approved by: Paul A. Cook 

115 TRUSTS BOARD

IRVINE RANCH WATER DISTRICT PENSION 115 TRUST
INVESTMENT REVIEW AS OF JUNE 30, 2024

SUMMARY:

Staff and a representative from IRWD’s pension investment advisor, SageView Investment Advisors, will present the Portfolio Investment Review for the quarter ended June 30, 2024, and provide an update on current market conditions and any recommended portfolio changes.

BACKGROUND:

Quarterly Investment Review:

As of June 30, 2024, the IRWD Pension 115 Trust market value was \$123,668,249, which was a net increase of \$1,325,409 from the prior quarter end. The change was due to an increase in market value of \$753,507, and dividends and capital gains distributions in the amount of \$587,114. Trust expenses for the quarter included \$15,000 paid to SageView Advisory Group and \$212 for transaction and reporting fees paid to Fidelity. Assets in the Trust are sufficient to meet the District’s current CalPERS unfunded liability. A summary of the Pension 115 Trust Assets as of June 30, 2024 is provided as Exhibit “A”.

For the quarter ended June 30, 2024, the portfolio return was 1.29% compared to the index-based custom benchmark return of 1.22%. For the one-year period ended June 30, 2024, the return was 16.11%, compared to the index-based custom benchmark return of 15.99%. The Portfolio Investment Review as of June 30, 2024 is provided as Exhibit “B”.

A representative from SageView will present the Portfolio Investment Review for the quarter ended June 30, 2024, update the Board on current market conditions, and provide any recommended portfolio changes for the Board’s consideration.

FISCAL IMPACTS:

Fiscal impacts are as described above.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3, Section 15378.

RECOMMENDATION:

STAFF TO IMPLEMENT CHANGES TO THE INVESTMENT PORTFOLIO, IF ANY.

115 Trusts Board: Irvine Ranch Water District Pension 115 Trust Investment Review as of June 30, 2024

August 5, 2024

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LIST OF EXHIBITS:

Exhibit "A" – Summary of Pension 115 Trust Assets as of June 30, 2024

Exhibit "B" – The Portfolio Investment Review as of June 30, 2024

Exhibit "A"

Irvine Ranch Water District
 Summary of Pension 115 Trust Assets
 June 30, 2024

Investment	Quarterly Return	Month End March 31, 2024	Bought and Sold During the Quarter	Balances after Purchases and Sales	Month End June 30, 2024	Incr/(Decr) During Quarter ¹	Percent of Portfolio
EQUITIES							
Vanguard Institutional Index Fund.	4.28%	\$53,358,931	(\$1,800,000)	\$51,558,931	\$53,447,670	\$1,888,740	43.2%
Vanguard Extended Mkt (small/mid) Index Fund	-3.42%	14,828,873	(2,100,000)	12,728,873	12,121,172	(\$607,700)	9.8%
Vanguard Developed Market Index	-0.75%	13,043,886	(3,200,000)	9,843,886	9,655,847	(\$188,039)	7.8%
Vanguard High Dividend Yield Index Admiral	-1.19%	12,318,296	0	12,318,296	12,171,934	(\$146,362)	9.8%
FIXED INCOME							
Baird Core Plus Bond Fund	0.30%	17,099,847	4,600,000	21,699,847	21,856,799	\$156,951	17.7%
Vanguard High-Yield Corporate Fund	1.39%	11,678,838	2,500,000	14,178,838	14,380,478	\$201,641	11.6%
CASH-SHORT TERM							
Fidelity Government Cash Reserves		14,170	0	14,170	34,348	\$20,178	0.0%
Closing Balance		\$122,342,840	\$0	\$122,342,840	\$123,668,249	\$1,325,409	100.0%

1) Increases and/or decreases net of reallocation of funds.

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Plan Investment Review

Irvine Ranch Water District Post-Employment Benefits Trust

For period ending June 30, 2024

Jonathan Upham Registered Representative with and securities offered through Cetera Advisor Networks LLC, member FINRA/SIPC
4000 MacArthur Blvd, Ste 1050, Newport Beach, CA 92660 | T 949.955.1395 | SageView is not affiliated with Cetera



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Section I

Market Overview

The views are those of SageView Advisory Group and should not be construed as investment advice. All information is believed to be from reliable sources; however, we make no representation as to its completeness or accuracy. All economic and performance information is historical and not indicative of future results. The market indices discussed are unmanaged. Investors cannot directly invest in unmanaged indices. Additional risks are associated with international investing, such as currency fluctuations, political and economic stability, and differences in accounting standards. Please consult your financial advisor for more information.

No representations or warranties are being made as to the tax effect, performance, past or future, or financial impact of this summary. This information is provided as an informal report; no warranties as to the accuracy or content are implied or expressed. The information above must be interpreted in the context of, and is qualified by, all the information contained in the prospectuses, where applicable, which have been or will be delivered to the appropriate investing parties prior to any offer being made.

Q2 2024 BY THE NUMBERS

Case for Easing



Both June's cooler-than-expected CPI (3.0% YOY) and May's PCE (2.6% YOY) readings show the Fed continues to make incremental progress toward its 2% inflation target. The unemployment rate rose to 4% from a recent low of 3.4%. Cooling manufacturing activity, slowing retail sales, and rising auto and credit card delinquencies indicate a slowdown. Markets now project the first rate cut to be in September.

7.9%

Auto Loan Delinquency (10-Year High, 5% - 2022)

19

Months Since Nov. '22 with Contracting Manufacturing Activity¹

0.1%

Retail Sales in May (0.3% Projected, -0.2% in April)

Nvidia and the AI Arms Race



The Q2 equity rally was driven by advancements in the AI race, which has been powered by Nvidia and its advanced graphics processing units (GPUs). Nvidia's market cap surged from \$1 trillion to over \$3 trillion in less than a year, becoming the world's second largest company behind Microsoft. Microsoft's dominance in generative AI was solidified with OpenAI's ChatGPT 4 multimodal language model release. Apple's announcement to integrate generative AI into its products was also well received by investors.

\$407 B

Projected AI Market Revenue in 2027 (\$87B in 2022²)

88%

Nvidia's GPU Market Share (80% in Q4 '23)

49%

Microsoft's Ownership Stake in OpenAI

Longest Drawdown for Bonds



Inflation and the resulting Fed rate hikes have severely impacted fixed income instruments. The US Bloomberg Agg Index is experiencing its longest drawdown in history at over 940 days, far surpassing the previous 361-day record set in 2000. As of early May, the index was down more than 12% from its previous high. Meanwhile, the correlation between stocks and bonds reached its highest level ever, reducing bonds' effectiveness as a hedge against stock volatility.

< 10%

Proportion of US Investment-Grade Debt Maturing by 2030

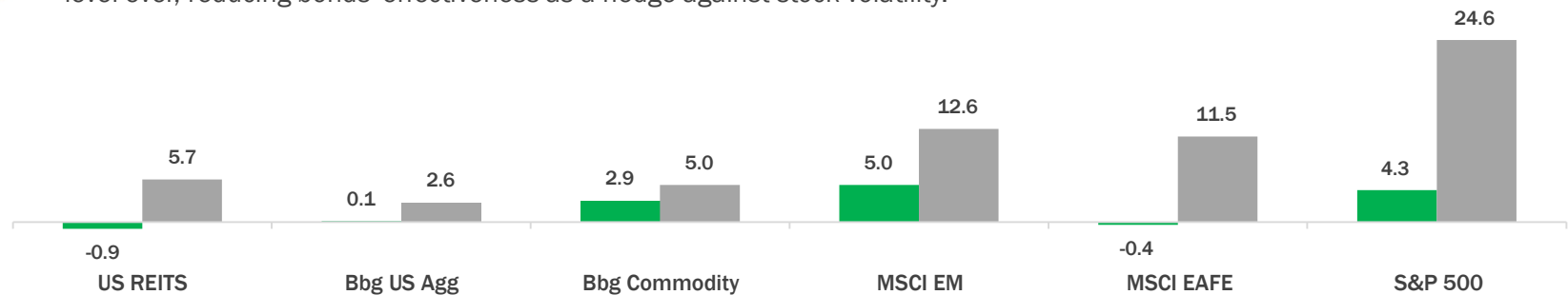
0.71

3-Year Correlation Between Stocks & Bonds as of May '24

2

Futures Markets Projected Rate Cuts by End of 2024

■ Q2 2024
■ 1-Year



Source: Morningstar. Returns represent cumulative total return, including dividends US REITS – FTSE NAREIT All REITs

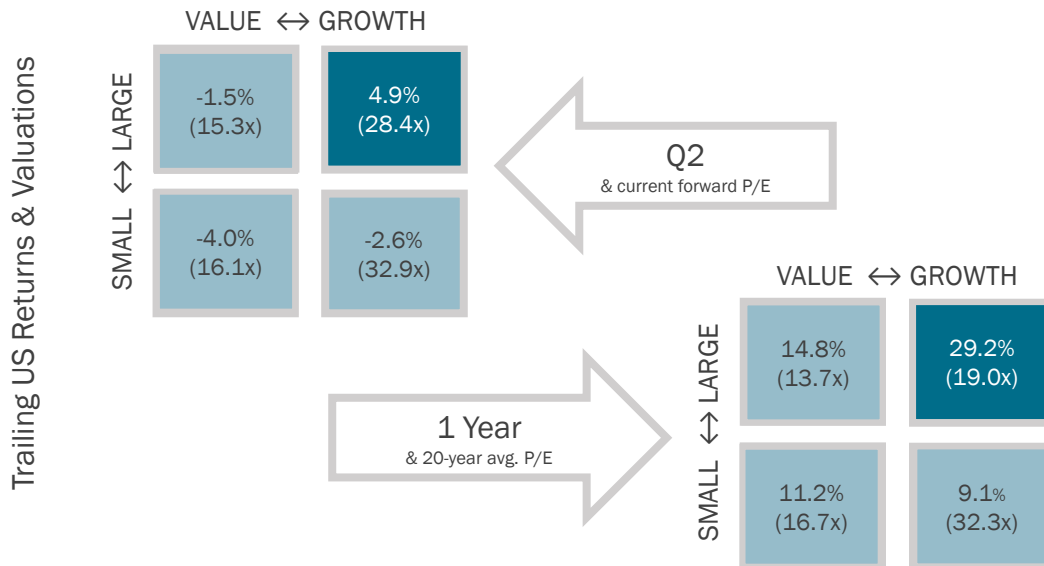
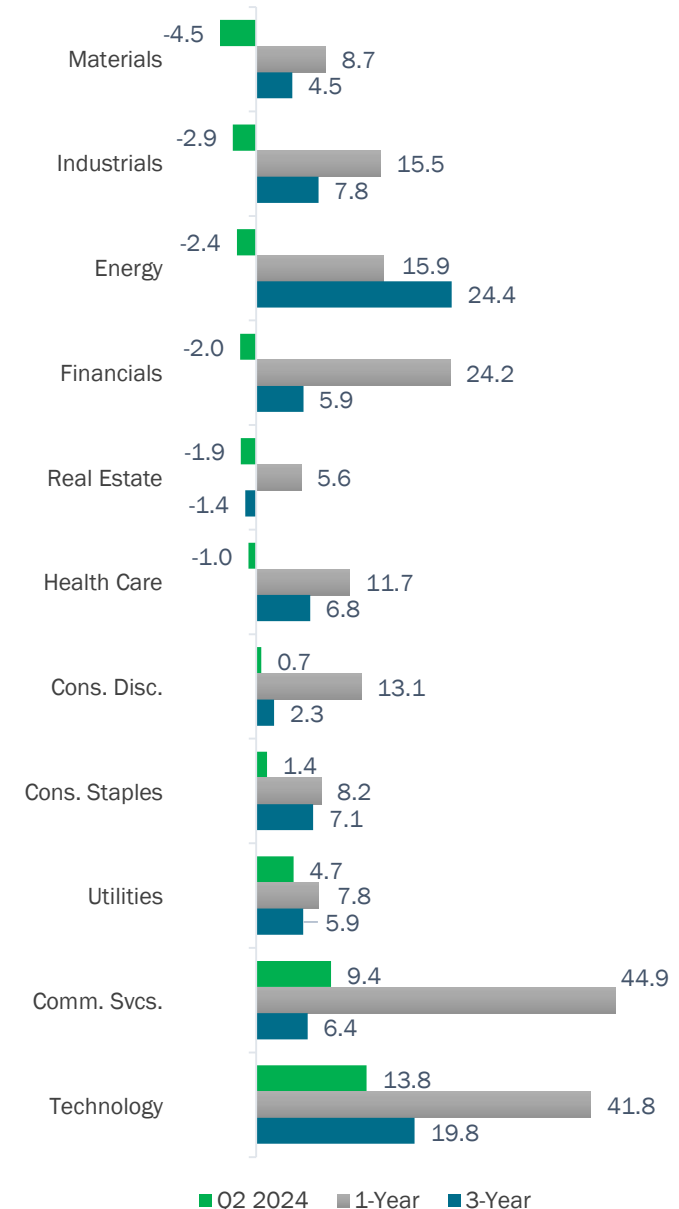
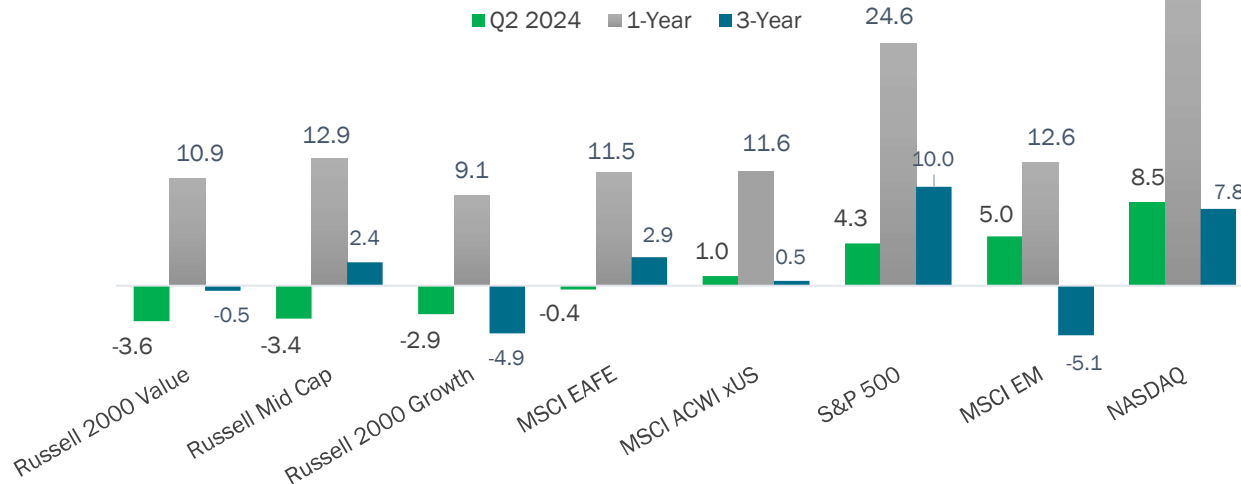
¹ Forbes, May 2024.

² Institute for Supply Management, June 2024.

EQUITIES

A broad equity rally in Q1 gave way to a more concentrated surge in Q2, driven primarily by the Technology and Communication Services sectors. These sectors capitalized on strong earnings, substantial share buybacks, and increased investment in AI. Meanwhile, mid- and small-cap equities lagged, reflecting investor preference for quality amid economic uncertainty and the challenges faced by businesses relying on bank financing amidst sustained higher rates. Internationally, AI-related hardware and infrastructure companies were a tailwind for emerging market equities.

Equity Market Returns



Returns pertain to Morningstar categories. Valuations pertain to the Russell style indices.

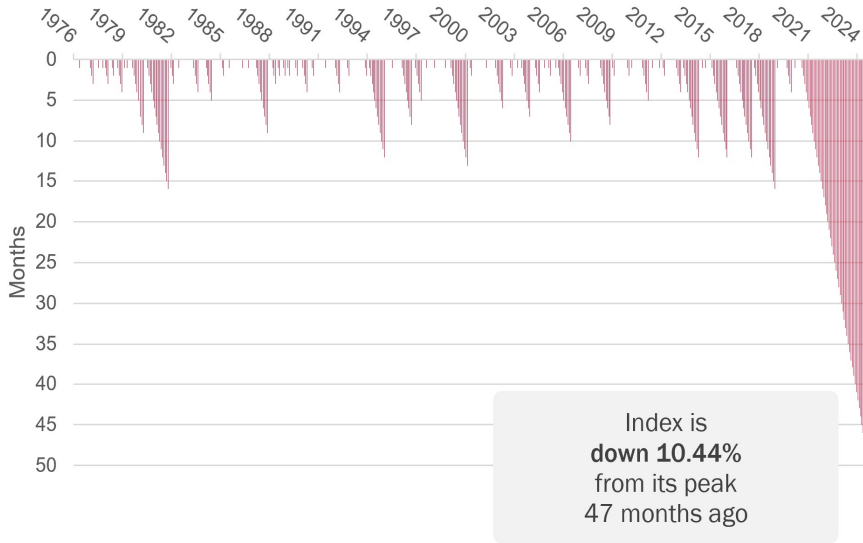
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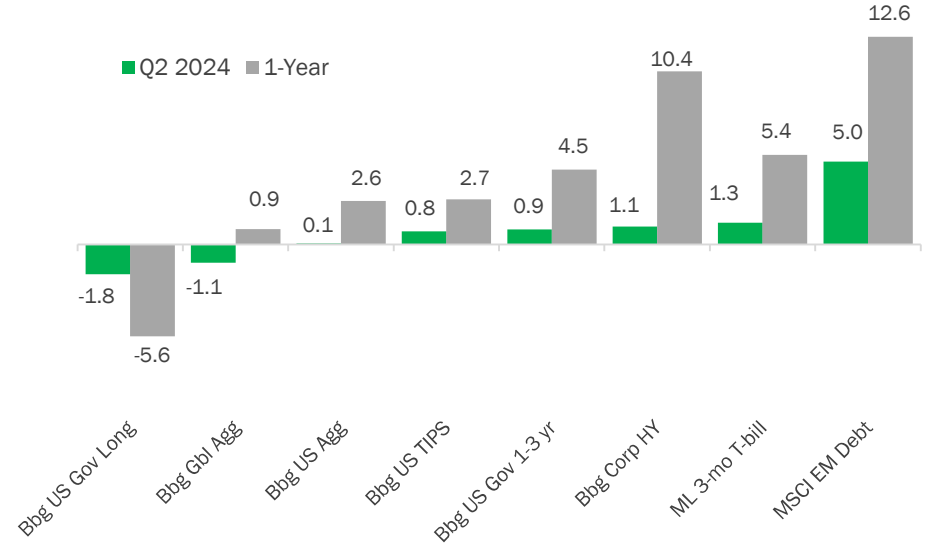
FIXED INCOME

The longest drawdown in fixed income history carries on as rates rose slightly during the second quarter. The end of June marked the 8th worst first six months in history for fixed income. Despite this, progress has been made in combatting inflation, though components like shelter are proving to be stickier than anticipated. Anticipated rate cuts later in the year should bode well for fixed income investors. Outside of the U.S., emerging market debt remains a bright spot due to economic growth, rate cuts, and improved reform.

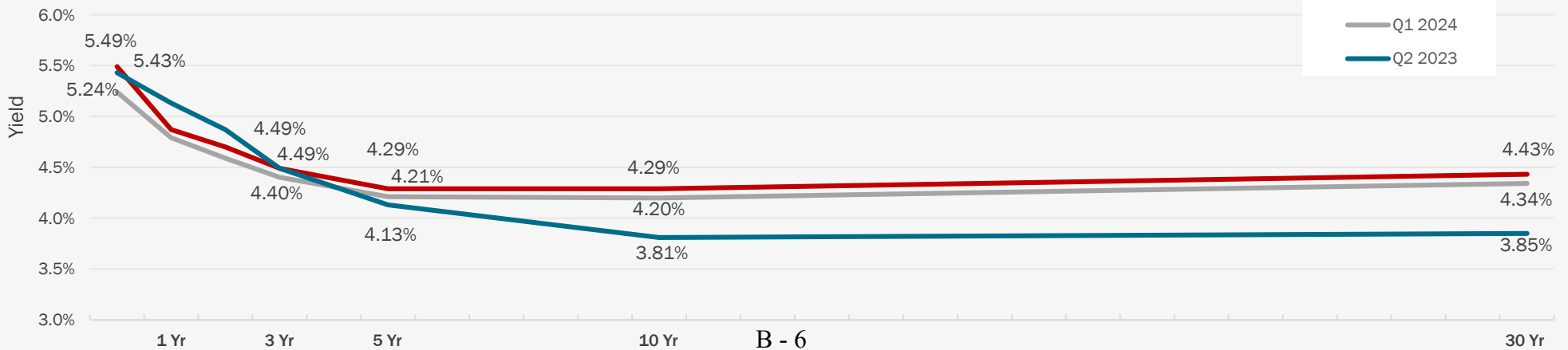
BBg US Agg Drawdown History



Fixed Income Market Returns



US Treasury Yield Curve





Section II

Investment Summary

Executive Summary and Observations

- Assets total \$123,668,248 at June 30, 2024, up from \$122,342,840 at March 31, 2024.
- Trade activity during the quarter:
-Trades implemented on 5/1/2024 to reflect the allocation below:

Ticker	Fund	03/31/2024 % Target	05/01/2024 % Target
FDRXX	Fidelity Government Cash Reserves	0.0%	0.0%
BCOIX	Baird Core Plus Institutional	15.0%	18.0%
VWEAX	Vanguard High Yield Corporate Bond	10.0%	12.0%
	Fixed Income	25.0%	30.0%
VINIX	Vanguard Institutional Index	42.0%	42.0%
VHYAX	Vanguard High Dividend Yield Index Admiral	10.0%	10.0%
VEXAX	Vanguard Extended Market Index	12.0%	10.0%
VTMNX	Vanguard Developed Markets Index	11.0%	8.0%
	Equity	75.0%	70.0%

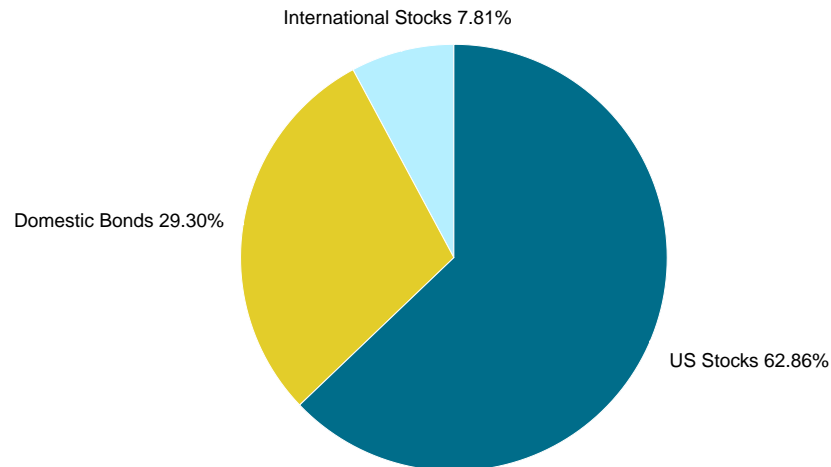
- For the quarter, the net total return was 1.28%, compared to the custom peer-group fund benchmark of 1.22%.
- For the past 12 months, the net total return was 16.11%, beating the custom peer-group fund return of 15.99%.
- Since November 2016, the portfolio has gained over \$61 million in investment returns.
- The portfolio is heavily allocated to index funds, leading to a low overall expense ratio of 0.09%.
- Baird Core Plus and Vanguard High Yield Corporate Bond score in the upper half of SageView's peer group quantitative rankings, while all index funds receive a pass rating.



Asset Allocation by Fund

As of 06/30/2024

Fund	% of Plan Assets	Total Assets
Vanguard Institutional Index I	43.22%	\$53,447,670.41
Baird Core Plus Bond Inst	17.67%	\$21,856,798.63
Vanguard High-Yield Corporate Adm	11.63%	\$14,380,478.46
Vanguard High Dividend Yield Index Adm	9.84%	\$12,171,934.28
Vanguard Extended Market Index Admiral	9.80%	\$12,121,172.28
Vanguard Developed Markets Index Instl	7.81%	\$9,655,846.50
Fidelity Government Cash Reserves	0.03%	\$34,348.40
Total Market Value:	100.00%	\$123,668,248.96



No representations or warranties are being made as to the tax effect, performance, past or future, or financial impact of this summary. This information is provided as an informal report; no warranties as to the accuracy or content are implied or expressed. The information above must be interpreted in the context of, and is qualified by, all the information contained in the prospectuses, where applicable, which have been or will be delivered to the appropriate investing parties prior to any offer being made. Note: Sector Weighting and/or Credit Analysis data reflect most current information available. securities offered through Cetera Advisor Networks, member SIPC. SageView is not affiliated with Cetera Advisor Networks. Fund returns shown are net of fund expenses and sales charges.



Fund Performance Summary

As of 06/30/2024

Fund Benchmark Category	Asset Class	(%) of Plan	3 Month	YTD	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized	Expense Ratio	SageView Ranking
Fidelity Government Cash Reserves	Money Market-Taxable	0.03%	1.28	2.54	5.13	2.88	1.95	1.29	0.38	NA
ICE BofA US 3M Trsy Bill TR USD*			1.32	2.63	5.40	3.03	2.16	1.51		
Cat: Morningstar Money Market - Taxable			1.23	2.48	5.06	2.85	1.92	1.27	0.41	
Baird Core Plus Bond Inst	Intermediate Core-Plus Bond	17.67%	0.30	0.12	4.32	-2.30	0.65	2.07	0.30	TOP DEC
Bloomberg US Agg Bond TR USD*			0.07	-0.71	2.63	-3.02	-0.23	1.35		
Cat: Morningstar Intermediate Core-Plus Bond			0.31	0.11	3.84	-2.81	0.20	1.52	0.75	
Vanguard High-Yield Corporate Adm	High Yield Bond	11.63%	1.39	2.18	9.41	1.77	3.49	4.14	0.12	2 ND QUAR
ICE BofA US High Yield TR USD*			1.09	2.62	10.45	1.65	3.73	4.21		
Cat: Morningstar High Yield Bond			1.12	2.82	9.93	1.63	3.54	3.53	0.90	
Vanguard High Dividend Yield Index Adm	Large Value	9.84%	-1.19	7.81	15.32	7.51	9.74	9.36	0.08	Pass
FTSE High Dividend Yield TR USD*			-1.17	7.83	15.43	7.59	9.81	9.44		
Cat: Morningstar Large Value			-1.44	7.33	14.83	6.46	9.85	8.43	0.90	
Vanguard Institutional Index I	Large Blend	43.22%	4.28	15.27	24.51	9.97	15.01	12.83	0.04	Pass
S&P 500 TR USD*			4.28	15.29	24.56	10.01	15.05	12.86		
Cat: Morningstar Large Blend			2.43	12.66	21.40	7.98	13.28	11.22	0.78	
Vanguard Extended Market Index Admiral	Mid-Cap Blend	9.80%	-3.42	3.31	14.97	-2.47	8.70	8.25	0.06	Pass
S&P Completion TR USD*			-3.44	3.28	14.66	-2.64	8.56	8.12		
Cat: Morningstar Mid-Cap Blend			-3.32	5.57	13.23	3.43	9.43	8.18	0.90	
Vanguard Developed Markets Index Instl	Foreign Large Blend	7.81%	-0.75	4.35	10.60	1.82	6.54	4.53	0.06	Pass
FTSE Dv Ex US TR USD*			-0.65	4.80	11.60	2.57	7.05	4.85		
Cat: Morningstar Foreign Large Blend			0.14	5.40	10.59	1.25	5.94	4.17	0.91	

*Investment Policy Benchmark

No representations or warranties are being made as to the tax effect, performance, past or future, or financial impact of this summary. This information is provided as an informal report; no warranties as to the accuracy or content are implied or expressed. The information above must be interpreted in the context of, and is qualified by, all the information contained in the prospectuses, where applicable, which have been or will be delivered to the appropriate investing parties prior to any offer being made. Note: Sector Weighting and/or Credit Analysis data reflect most current information available. securities offered through Cetera Advisor Networks, member SIPC. SageView is not affiliated with Cetera Advisor Networks. Fund returns shown are net of fund expenses and sales charges.



Investment Discussion Summary - Current Investments

Fund Name % of Plan Assets Category	Comment Date	Comments
Baird Core Plus Bond Inst 17.67 Intermediate Core-Plus Bond	03/31/2024	<p>Performance Update (3/31/2024): The index and fund generated negative total returns in the first quarter. That said, the portfolio outperformed the Bloomberg U.S. Universal Bond Index in Q1. Credit positioning was positive overall with an overweight to and active positioning within investment grade credit helping relative performance. Particularly, an overweight and security selection within the financial sector and BBB industrial credit holdings were additive. Securitized positioning was also positive, specifically an overweight to non-agency RMBS, non-agency CMBS, and ABS. Yield curve positioning added modestly as the yield curve moved higher. A relative underweight position to high yield detracted from performance over the period. Over the trailing 1-year, the fund outperformed the benchmark. Key drivers included investment grade credit positioning and an overweight to non-agency RMBS, CMBS and ABS within securitized holdings.</p> <p>Strategy Summary: The fund utilizes a duration neutral approach relative to the benchmark. Typically, portfolio managers hope to generate the most excess return (about 40% of alpha) through security selection, then sector allocation (30% of alpha), yield curve positioning (25% of alpha), and lastly trade execution (5% of alpha). Credit analysts first determine which issuers appear to offer the best value within each sector. Only US dollar denominated securities are utilized in this fund with no use of derivative securities. The prospectus benchmark for the strategy is the Bloomberg US Universal Index. The standard category benchmark is the Bloomberg US Aggregate Bond Index. Fund comments are relative to the prospectus benchmark.</p>
Vanguard High-Yield Corporate Adm 11.63 High Yield Bond	03/31/2023	<p>Performance Update (3/31/2023): The Vanguard High-Yield fund outperformed the category average for both the quarter and the twelve month period. Financial markets traced a rocky path to solid gains over the first quarter of 2023. They rose sharply early on amid signs of moderating inflation, declining energy prices, and solid labor markets despite layoffs in the U.S. tech sector. Overall, U.S. bonds saw their yields finish lower and prices higher. The credit quality of the fund is higher than the average fund in the category, which helped returns. The funds underperformance was driven by security selection within the Financials sector. Security selection within wirelines and retailers helped. For the twelve month period, the fund's underweight allocation to credit risk, along with strong selection within the pharmaceutical, technology, and retailer sectors was the primary drivers of performance.</p> <p>Strategy Summary: The Fund invests primarily in a diversified group of high yielding, higher risk corporate bonds with medium and lower range credit quality ratings. The Fund invests at least 80% of its assets in corporate bonds that are rated below Baa by Moody's. The Fund may not invest more than 20% of its assets in any of the following, in the aggregate: bonds with credit ratings lower than B or the equivalent, convertible securities, preferred stocks, and fixed and floating rate loans of medium to lower range credit quality. The standard category benchmark is the BB Barclays US Corporate High Yield Bond Index. Fund comments are relative to the prospectus benchmark.</p>

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IPS Historical Ranking

Fund Name	09/2021	12/2021	03/2022	06/2022	09/2022	12/2022	03/2023	06/2023	09/2023	12/2023	03/2024	06/2024
Baird Core Plus Bond Inst	TOP DEC	TOP QUAR	TOP QUAR	TOP DEC	TOP QUAR	TOP DEC	TOP DEC	TOP DEC	TOP DEC	TOP DEC	TOP DEC	TOP DEC
Vanguard High-Yield Corporate Adm	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	2 ND QUAR	TOP QUAR	2 ND QUAR	2 ND QUAR
Vanguard High Dividend Yield Index Adm	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Vanguard Institutional Index I	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Vanguard Extended Market Index Admiral	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Vanguard Developed Markets Index Instl	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

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Baird Core Plus Bond Inst

BCOIX

Ranking Vs. Peers - Intermediate Core-Plus Bond

June 30, 2024

Intermediate Core-Plus Bond Universe: 831 Funds

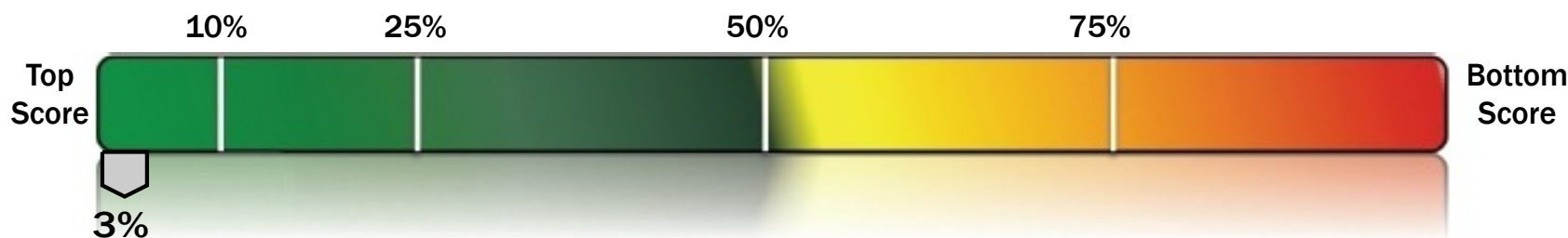
Performance Ranking		Ranking
Total Return Composite Ranking		20.85%
10 Year	15.00%	
5 Year	22.00%	
3 Year	18.00%	
1 Year	28.00%	
Rolling 12 Month - 5 Years		36.45%

Ratio Statistics		Ranking
Modified Sharpe Ratio - 36 Months		21.00%
Alpha - 60 Months		24.00%
Up Capture Ratio - 10 Years		22.00%
Down Capture Ratio - 10 Years		28.00%
Batting Average - 10 Years		11.00%

Style Consistency		Ranking
Style Consistency to Benchmark		
Bloomberg US Agg Bond TR USD	R2	4.00%

Fund Expense		Ranking
Expense Ratio	0.3	9.00%

SageView Normalized Ranking	
SageView Normalized Ranking	3.00%
STATUS	TOP DECILE



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Vanguard High-Yield Corporate Adm

VWEAX

Ranking Vs. Peers - High Yield Bond

June 30, 2024

High Yield Bond Universe: 693 Funds

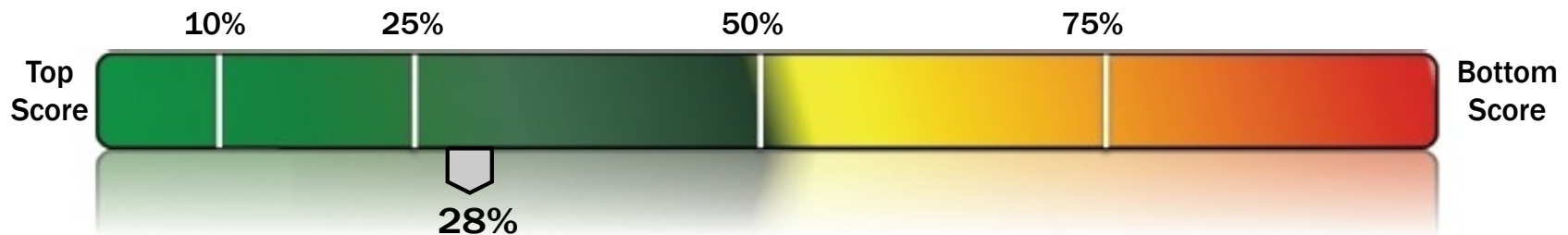
Performance Ranking			Ranking
Total Return Composite Ranking			42.70%
	10 Year	18.00%	
	5 Year	45.00%	
	3 Year	40.00%	
	1 Year	65.00%	
Rolling 12 Month - 5 Years			52.92%

Ratio Statistics		Ranking
Modified Sharpe Ratio - 36 Months		40.00%
Alpha - 60 Months		43.00%
Up Capture Ratio - 10 Years		60.00%
Down Capture Ratio - 10 Years		23.00%
Batting Average - 10 Years		20.00%

Style Consistency			Ranking
Style Consistency to Benchmark			
Bloomberg US HY 2% Issuer Cap TR USD	R2		49.00%

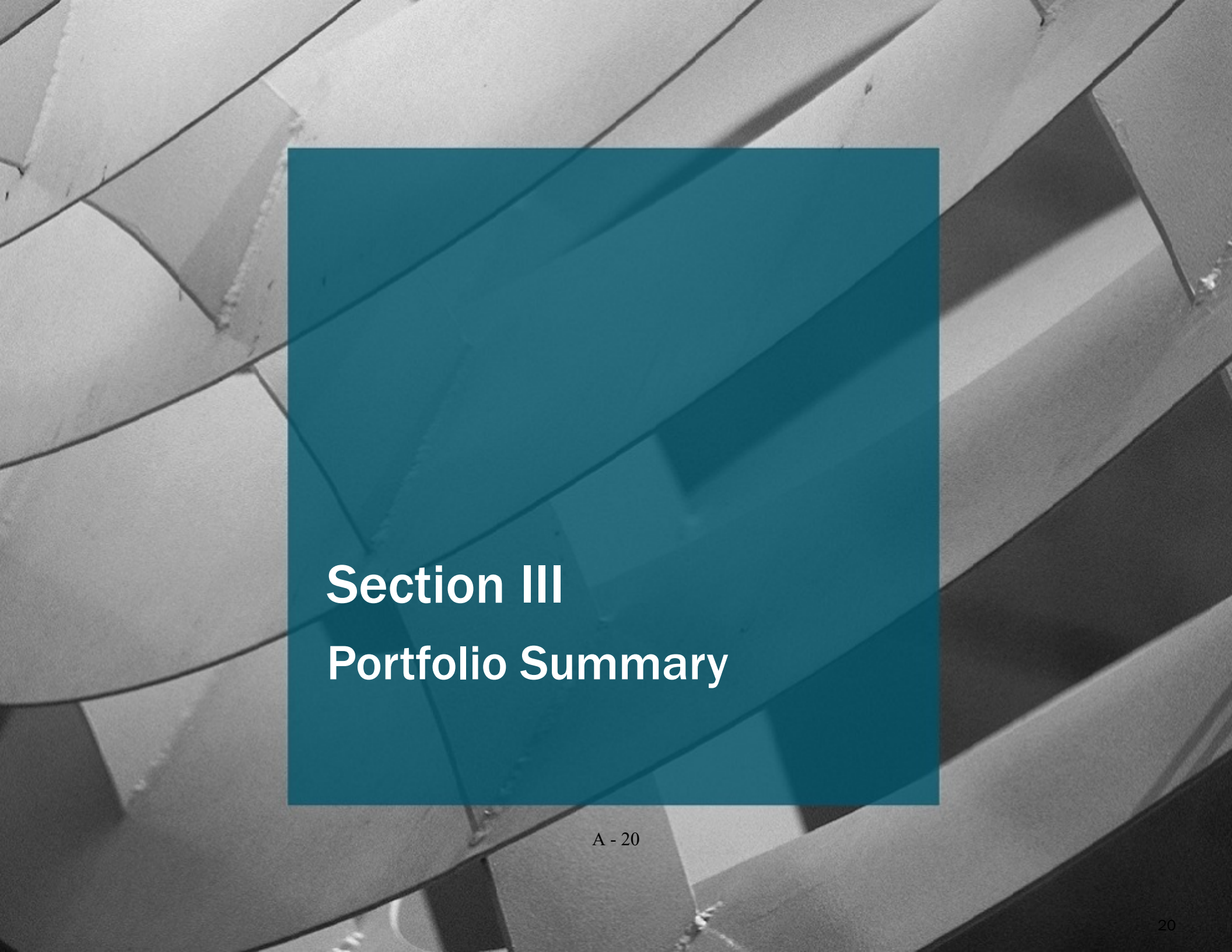
Fund Expense		Ranking
Expense Ratio	0.12	3.00%

SageView Normalized Ranking	
SageView Normalized Ranking	28.00%
STATUS	2nd QUARTILE



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Section III

Portfolio Summary

Portfolio Return vs. Custom Benchmark

As of 06/30/2024

Performance As Of June 30, 2024	3 Month	YTD	1 Year	3 Year	Inception 11/2016	Std Dev 5 Yr	Prospectus Exp Ratio
Irvine Ranch Water District Post-Employment Benefits Trust	1.28	8.15	16.11	4.85	9.54	14.34	0.09
Irvine Ranch Water District Post-Employment Benefits Trust Custom Benchmark	1.22	8.11	15.99	4.77	9.49	14.42	NA
Irvine Ranch Water District Post-Employment Benefits Trust Custom Category Averages Benchmark	0.78	7.51	14.67	4.21	8.54	15.37	0.82
Institutional Portfolio 60-30-10	1.73	7.05	13.31	3.65	7.54	11.76	NA
MSCI World NR USD	2.63	11.75	20.19	6.86	11.78	17.80	NA

Benchmark	Weight
S&P 500 TR USD	43.22%
Bloomberg US Agg Bond TR USD	17.67%
ICE BofA US High Yield TR USD	11.63%
FTSE High Dividend Yield TR USD	9.84%
S&P Completion TR USD	9.80%
FTSE Dv Ex US TR USD	7.81%
ICE BofA US 3M Trsy Bill TR USD	0.03%

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Management Style Analysis

As of 06/30/2024

Domestic Equity Style Box

	VALUE	BLEND	GROWTH
LARGE CAP	<ul style="list-style-type: none"> Vanguard High Dividend Yield Index Adm (\$98.58 bn) 	<ul style="list-style-type: none"> Vanguard Institutional Index I(\$293.50 bn) 	
MID CAP		<ul style="list-style-type: none"> Vanguard Extended Market Index Admiral (\$6.94 bn) 	
SMALL CAP			

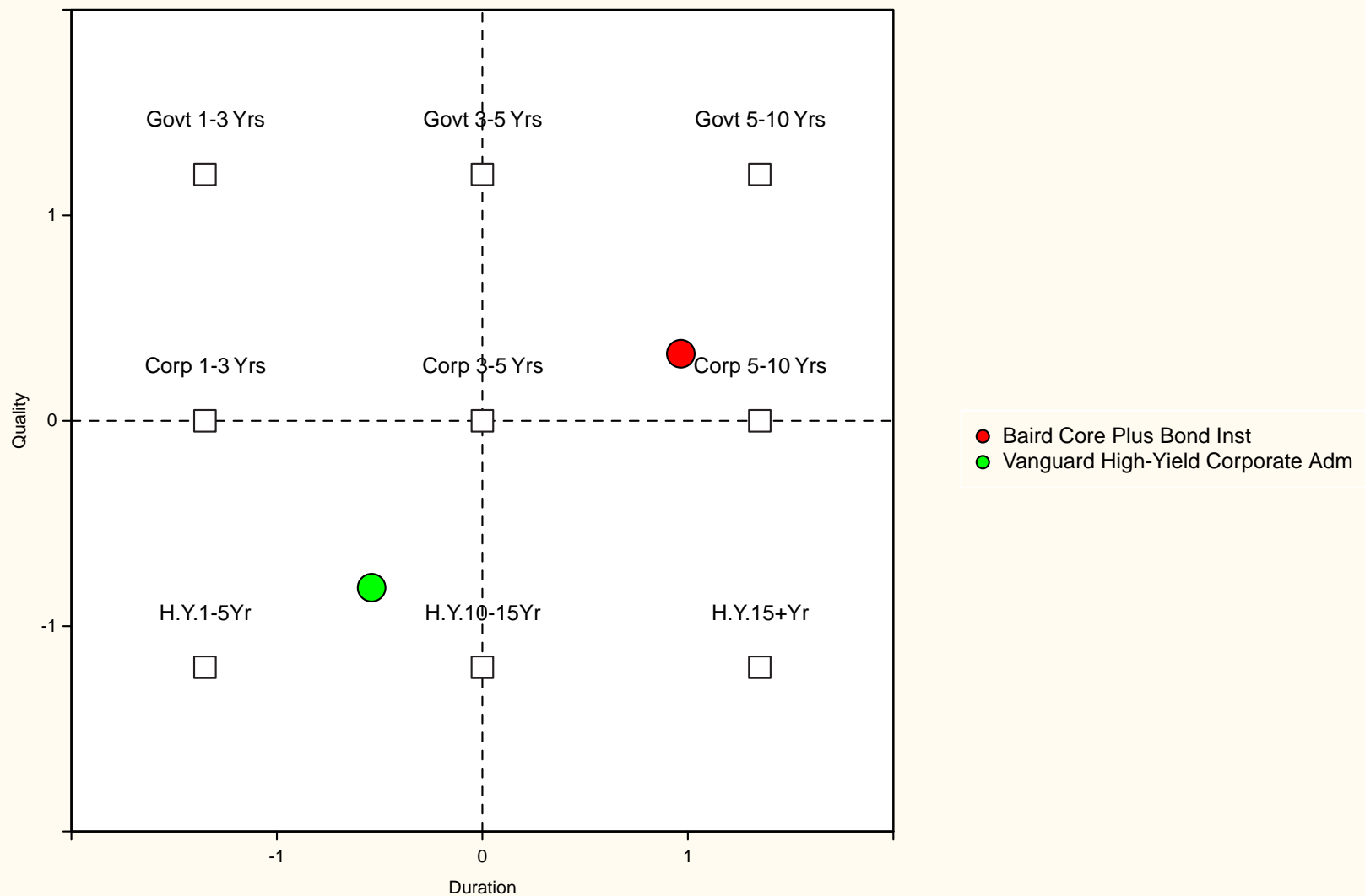
Average Market Cap. listed in parentheses

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Manager Style Box

Fixed Income - Single Computation
July 2014 - June 2024

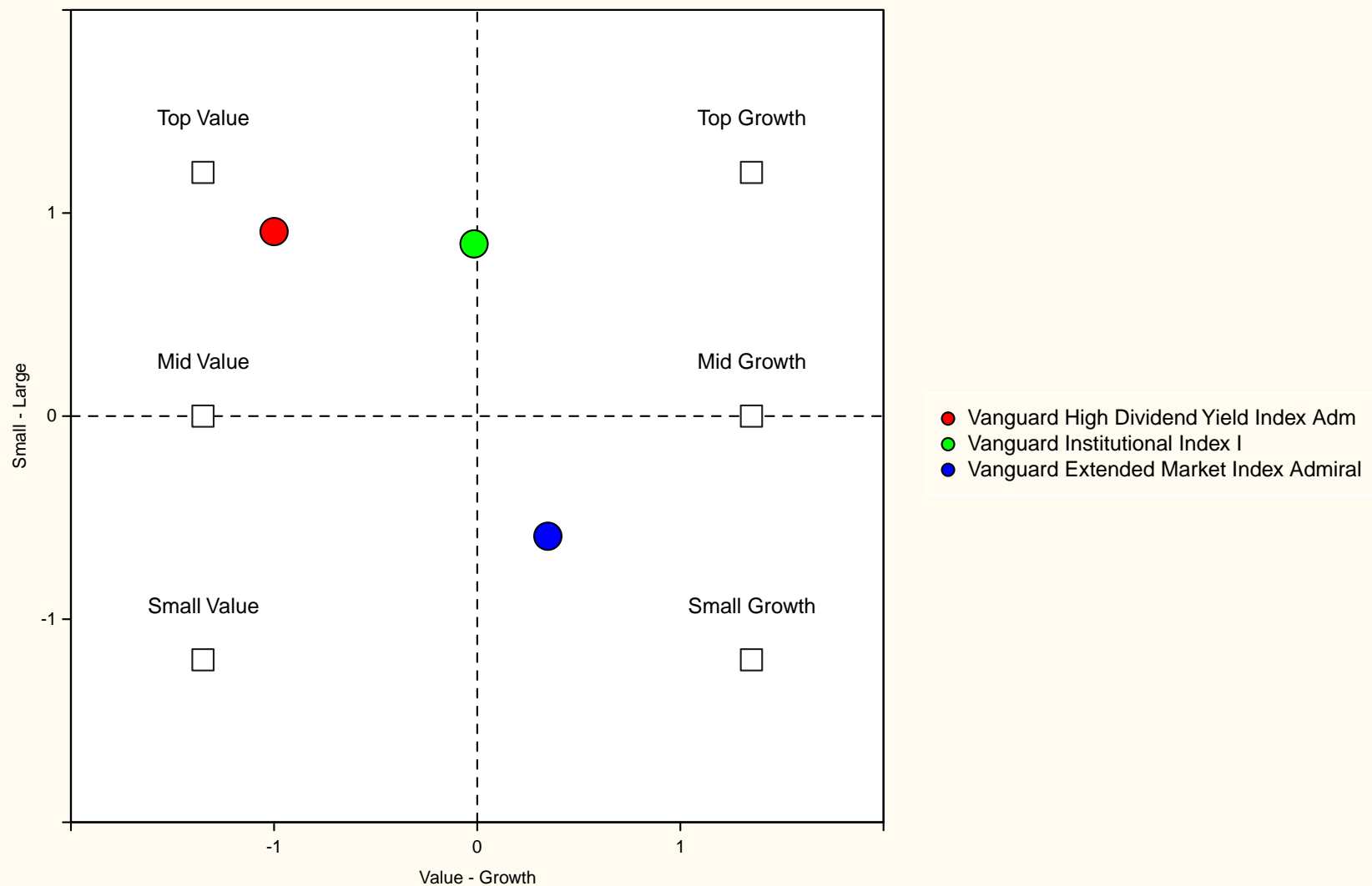


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Manager Style Box

Equity - Single Computation
July 2014 - June 2024

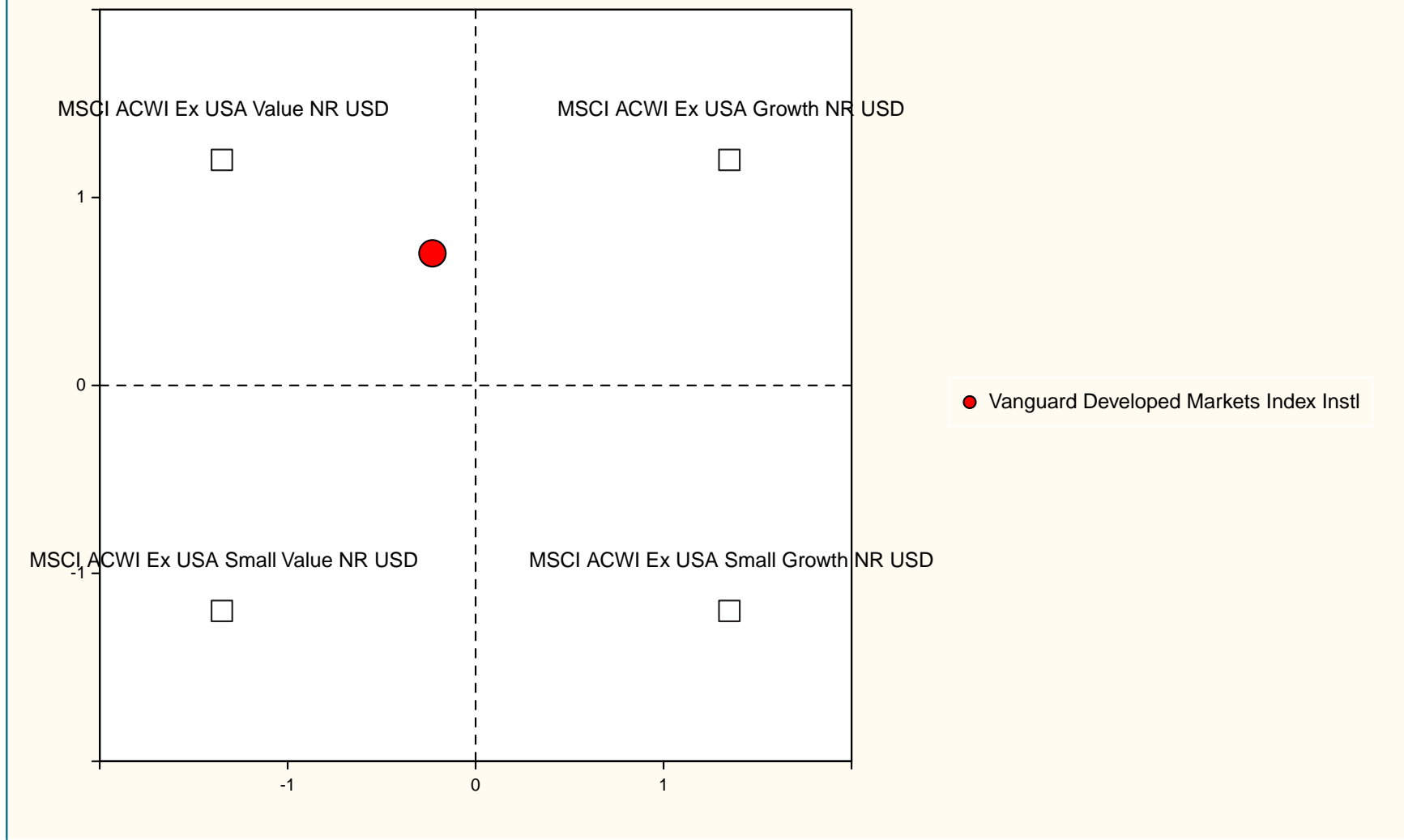


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Manager Style Box

International Equity - Single Computation
July 2014 - June 2024



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Section V
Appendix

ACTIVE INVESTMENT OPTIONS ANALYSIS CRITERIA

All active plan investment options are reviewed quarterly against their peer group and index benchmark to determine the performance and quality of each offering. Each are evaluated using the following criteria:

1. Trailing 1, 3, 5 and 10 year returns – Total return is a basic measure of a fund's performance. Fund returns over each period are factored into a weighted average, based on the life of a fund. Recent returns receive a slightly higher weighting, while older returns, which may have been produced under different conditions, are weighted less.
2. Rolling period returns – A rolling period return divides a longer time frame into smaller time periods. A rolling 12-month return over five years is computed by first calculating a single period return over the first twelve months. Next, it calculates the 12-month return for months 2-13. The process continues until finally reaching the 12-month period spanning months 48-60. The final rolling figure reflects the average of all of the 12-month returns.
3. Batting Average – Batting average is calculated by (1) tallying the number of months in a given observation window where the investment return is greater than the return of the peer group median return and (2) dividing this amount by the total number of months in the observation window. The result is a ratio that ranges between 0 and 1. A batting average of greater than 0.50 signifies that the investment has outperformed the peer group more frequently than it has underperformed, irrespective of the magnitude of any outperformance or underperformance.
4. Style Consistency to the appropriate index – We utilize R-squared to assess whether the funds selected for the plan continue to operate and perform as expected within their appropriate asset class. R-squared measures the closeness between a fund's returns and movements in the benchmark. All active funds have some deviation from their benchmark, but excessive deviation could indicate that a fund is drifting away from its stated category mandate.
5. Modified Sharpe Ratio – The standard Sharpe Ratio calculation is calculated by subtracting the risk-free rate of return (the US Treasury Bill is typically used) from the portfolio return and dividing the result by the portfolio's standard deviation. A higher Sharpe ratio indicates that the portfolio was able to generate a higher return per unit of risk. Modified Sharpe Ratio is a related statistic that is equal to the Sharpe Ratio under normal circumstances. However, the Modified Sharpe calculation adds an exponent to the denominator that effectively raises the denominator to the -1 power in circumstances in which an investment's excess return is negative. This modification ensures that investments with both negative excess returns and higher standard deviations rank lower than investment with negative excess returns and lower standard deviations. Under the standard Sharpe Ratio calculation, the opposite is true.
6. Alpha – The use of Alpha allows us to gauge the effectiveness of the manager. Alpha is the difference between the portfolio's actual return and its expected return given the funds level of risk as calculated by beta.
7. Up Capture Ratio – The up capture ratio calculates the percentage of return of an index that a fund has captured during up market cycles. It tracks the fund's relative performance versus the appropriate index when the index is going up.
8. Down Capture Ratio – The down capture ratio calculates the percentage of return of an index a fund has captured during down market cycles. Funds that perform well in this category tend to reduce the downside loss for investors during bear markets.
9. Expense Ratio – The expense ratio is compared to the appropriate category average expense and then given a score based upon that percentage. This rewards low-cost funds and penalizes high-cost funds. Expense ratios are effectively "double weighted" in our scoring methodology, because performance returns are already net of expenses. Since fiduciaries are encouraged to carefully manage expenses, we believe explicitly factoring in fund fees is prudent.

Each fund is benchmarked to a specific market index, and fund performance is evaluated and compared to a relevant peer group using Morningstar category classifications. A fund is given a peer group ranking for each criterion, shown as a percentage. The percentage rankings for all criteria are then averaged to give a fund its average ranking score. All funds with at least a three year track record are scored in the above manner. A fund is then classified as Top Decile, top Quartile, 2nd Quartile, 3rd Quartile or 4th Quartile based upon the overall score compared to all other funds within that particular asset category.

PASSIVE INVESTMENT OPTIONS ANALYSIS CRITERIA

All passive investment options are reviewed quarterly against their peer group and index benchmark to determine the performance and quality of each offering. Each are evaluated using the following criteria:

1. Expense Ratio – The percentage of fund assets, net of reimbursements, used to pay for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except brokerage costs. Fund expenses are reflected in the fund's NAV. Sales charges are not included in the expense ratio. The Prospectus Net Expense Ratio is collected annually from a fund's prospectus.
2. Tracking Error – A measure of the difference in returns between an investment and a benchmark. Tracking error is reported as a standard deviation of the difference between the returns of an investment and its benchmark.
3. R-Squared – A statistical metric that ranges from zero to 100 and measures the percentage of portfolio's performance that is explained by the movement of its benchmark index. R-Squared is helpful in assessing the reliability of alpha and beta in explaining a portfolio risk and return characteristics. An r-squared of 100 would mean that the portfolio's performance movements are perfectly correlated with those of the benchmark over time, and would suggest that alpha and beta may be relied upon with a high degree of confidence.
4. Beta – A measure of the volatility, or systematic risk, of an investment in comparison to a market index as a whole. Beta is calculated using regression analysis. Beta represents the tendency of an investment's returns to respond to moves in the market or index that it's calculated against. A beta of 1 indicates that the investment's price moves with the market. A beta of less than 1 means that the investment is theoretically less volatile than the market. A beta of greater than 1 indicates that the investment's price is theoretically more volatile than the market. The reliability of an investment's beta is a function of the investment's r-squared value in relation to the benchmark. A high r-squared value signifies that the beta measure is reliable, while a low r-squared signifies that it is potentially inaccurate.

Each of the criteria above carries a proprietary weight. An index fund is evaluated and ranked in each of the above criteria relative to their peer group. A fund is given a peer group ranking for each criterion. The percentage rankings for all criteria are then weighted to give a fund its average ranking score.

The raw score is then normalized on a scale of 1 to 100, with 1 being the best and 100 the worst. The top 75% of the funds in a category receive a passing score, while the bottom 25% fail.

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August 5, 2024
Prepared by: J. Davis
Submitted by: N. Adly
Approved by: Paul A. Cook *PA*

115 TRUSTS BOARD

IRVINE RANCH WATER DISTRICT OPEB 115 TRUST INVESTMENT REVIEW AS OF JUNE 30, 2024

SUMMARY:

Staff and a representative from IRWD's pension investment advisor SageView Investment Advisors will present the Portfolio Investment Review for the quarter ended June 30, 2024, provide an update on current market conditions, and any recommended portfolio changes.

BACKGROUND:

Quarterly Investment Review:

As of June 30, 2024, the IRWD OPEB 115 Trust market value was \$11,616,072, which was a net increase of \$124,982 from the prior quarter end. The change was due to an increase in market value of \$69,923, and dividends and capital gains distributions in the amount of \$55,184. Trust expenses for the quarter included \$125 for transaction fees paid to Fidelity. Assets in the Trust fund a portion of the District's current OPEB liability. A summary of the OPEB 115 Trust Assets as of June 30, 2024 is provided as Exhibit "A".

For the quarter ended June 30, 2024, the portfolio return was 1.29% compared to the index-based custom benchmark return of 1.22%. For the one-year period ended June 30, 2024, the return was 15.22%, compared to the index-based custom benchmark return of 15.10%. The Portfolio Investment Review as of June 30, 2024 is provided as Exhibit "B".

A representative from SageView will present the Portfolio Investment Review for the quarter ended June 30, 2024, update the Board on current market conditions, and provide any recommended portfolio changes for the Board's consideration.

FISCAL IMPACTS:

Fiscal impacts are as described above.

ENVIRONMENTAL COMPLIANCE:

This item is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3, Section 15378.

RECOMMENDATION:

STAFF TO IMPLEMENT CHANGES TO THE INVESTMENT PORTFOLIO, IF ANY.

115 Trusts Board: OPEB Trust Investment Review as of June 30, 2024
August 5, 2024
Page 2

LIST OF EXHIBITS:

Exhibit "A" – Summary of 115 Trust Assets as of June 30, 2024 OPEB

Exhibit "B" – The Portfolio Investment Review as of June 30, 2024 OPEB

Exhibit "A"

Irvine Ranch Water District
 Summary of OPEB 115 Trust Assets
 June 30, 2024

Investment	Quarterly Return	Month End March 31, 2024	Bought and Sold During the Quarter	Balances after Purchases and Sales	Month End June 30, 2024	Incr/(Decr) During Quarter ¹	Percent of Portfolio
EQUITIES							
Vanguard Institutional Index Fund.	4.28%	\$5,010,005	(180,000)	4,830,005	\$5,009,936	179,931	43.1%
Vanguard Extended Mkt (small/mid) Index Fu	-3.42%	1,393,489	(210,000)	1,183,489	1,126,059	(57,430)	9.7%
Vanguard Developed Market Index	-0.75%	1,234,734	(310,000)	924,734	906,735	(18,000)	7.8%
Vanguard High Dividend Yield Index Admira	-1.19%	1,158,233	0	1,158,233	1,144,471	(13,762)	9.9%
FIXED INCOME							
Baird Core Plus Bond Fund	0.30%	1,589,387	450,000	2,039,387	2,054,494	15,107	17.7%
Vanguard High-Yield Corporate Fund	1.39%	1,074,537	250,000	1,324,537	1,343,418	18,882	11.6%
CASH-SHORT TERM							
Fidelity Government Cash Reserves		30,706	0	0	30,959	254	0.3%
Closing Balance		\$11,491,090	\$0	\$11,460,384	\$11,616,072	\$124,982	100.0%

1) Increases and/or decreases net of reallocation of funds.

Note: This page is intentionally left blank.



Portfolio Investment Review

Irvine Ranch Water District OPEB Trust

For period ending June 30, 2024

Jonathan Upham Registered Representative with and securities offered through Cetera Advisor Networks LLC, member FINRA/SIPC
4000 MacArthur Blvd, Ste 1050, Newport Beach, CA 92660 | T 949.955.1395 | SageView is not affiliated with Cetera



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Section I

Market Overview

The views are those of SageView Advisory Group and should not be construed as investment advice. All information is believed to be from reliable sources; however, we make no representation as to its completeness or accuracy. All economic and performance information is historical and not indicative of future results. The market indices discussed are unmanaged. Investors cannot directly invest in unmanaged indices. Additional risks are associated with international investing, such as currency fluctuations, political and economic stability, and differences in accounting standards. Please consult your financial advisor for more information.

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Q2 2024 BY THE NUMBERS

Case for Easing



Both June's cooler-than-expected CPI (3.0% YOY) and May's PCE (2.6% YOY) readings show the Fed continues to make incremental progress toward its 2% inflation target. The unemployment rate rose to 4% from a recent low of 3.4%. Cooling manufacturing activity, slowing retail sales, and rising auto and credit card delinquencies indicate a slowdown. Markets now project the first rate cut to be in September.

7.9%

Auto Loan Delinquency (10-Year High, 5% - 2022)

19

Months Since Nov. '22 with Contracting Manufacturing Activity¹

0.1%

Retail Sales in May (0.3% Projected, -0.2% in April)

Nvidia and the AI Arms Race



The Q2 equity rally was driven by advancements in the AI race, which has been powered by Nvidia and its advanced graphics processing units (GPUs). Nvidia's market cap surged from \$1 trillion to over \$3 trillion in less than a year, becoming the world's second largest company behind Microsoft. Microsoft's dominance in generative AI was solidified with OpenAI's ChatGPT 4 multimodal language model release. Apple's announcement to integrate generative AI into its products was also well received by investors.

\$407 B

Projected AI Market Revenue in 2027 (\$87B in 2022²)

88%

Nvidia's GPU Market Share (80% in Q4 '23)

49%

Microsoft's Ownership Stake in OpenAI

Longest Drawdown for Bonds



Inflation and the resulting Fed rate hikes have severely impacted fixed income instruments. The US Bloomberg Agg Index is experiencing its longest drawdown in history at over 940 days, far surpassing the previous 361-day record set in 2000. As of early May, the index was down more than 12% from its previous high. Meanwhile, the correlation between stocks and bonds reached its highest level ever, reducing bonds' effectiveness as a hedge against stock volatility.

< 10%

Proportion of US Investment-Grade Debt Maturing by 2030

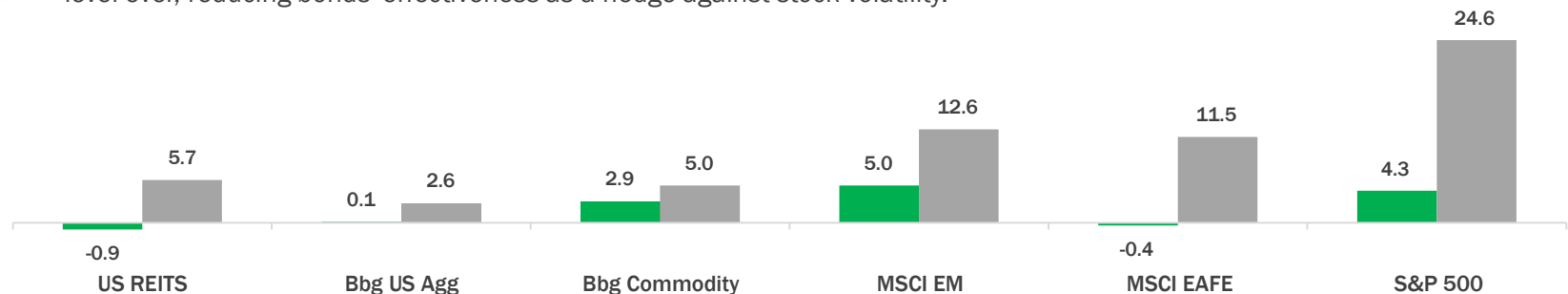
0.71

3-Year Correlation Between Stocks & Bonds as of May '24

2

Futures Markets Projected Rate Cuts by End of 2024

■ Q2 2024
■ 1-Year



Source: Morningstar. Returns represent cumulative total return, including dividends US REITS – FTSE NAREIT All REITs

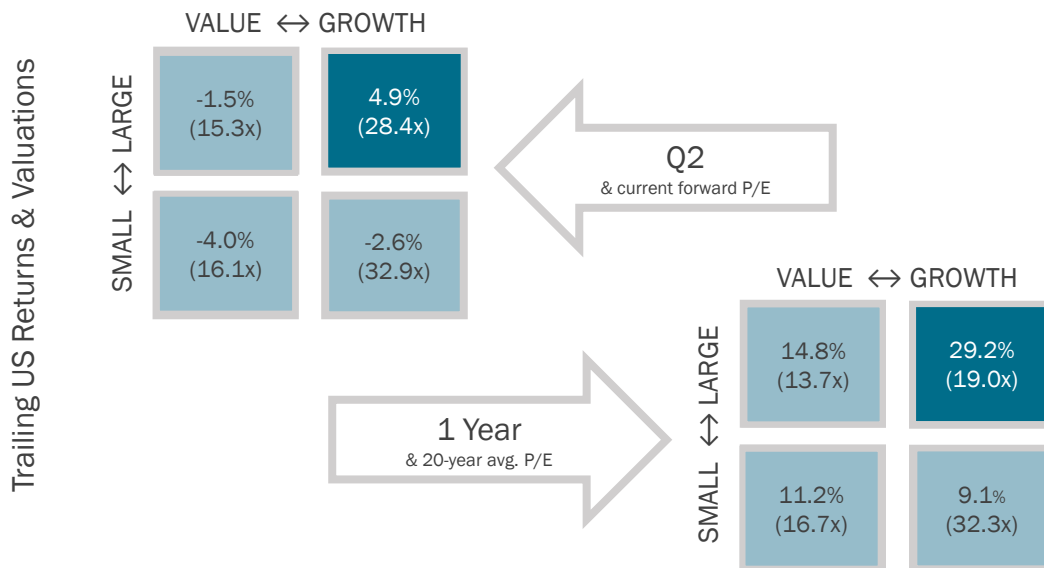
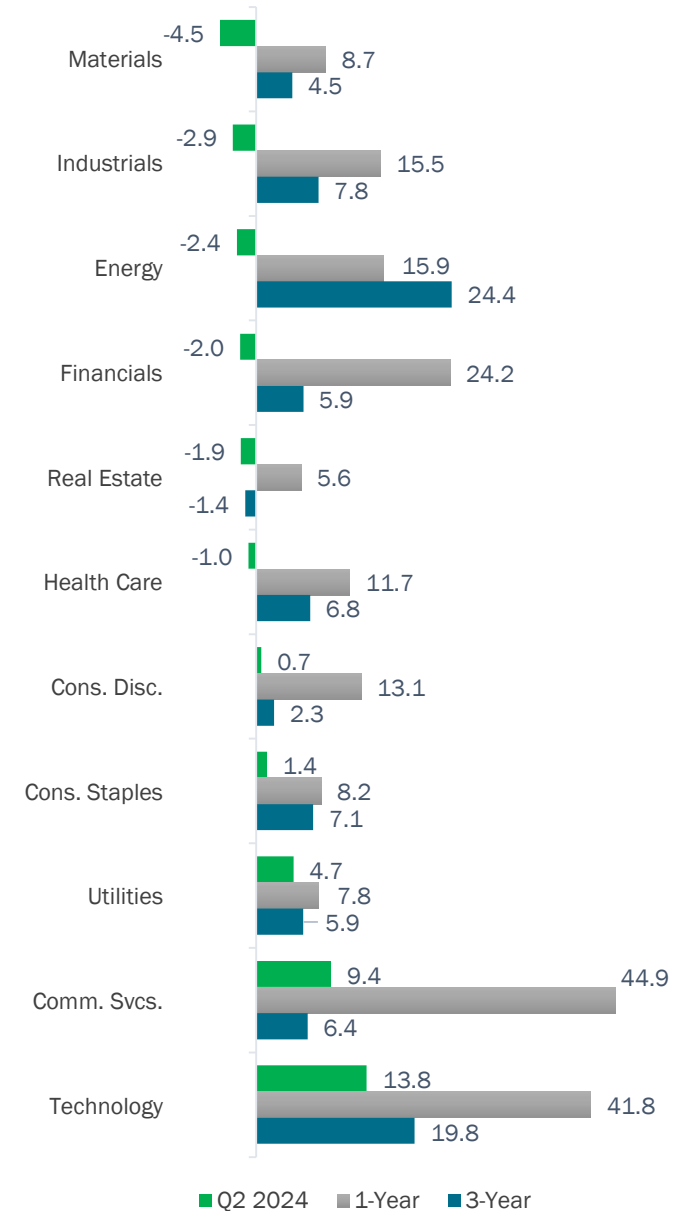
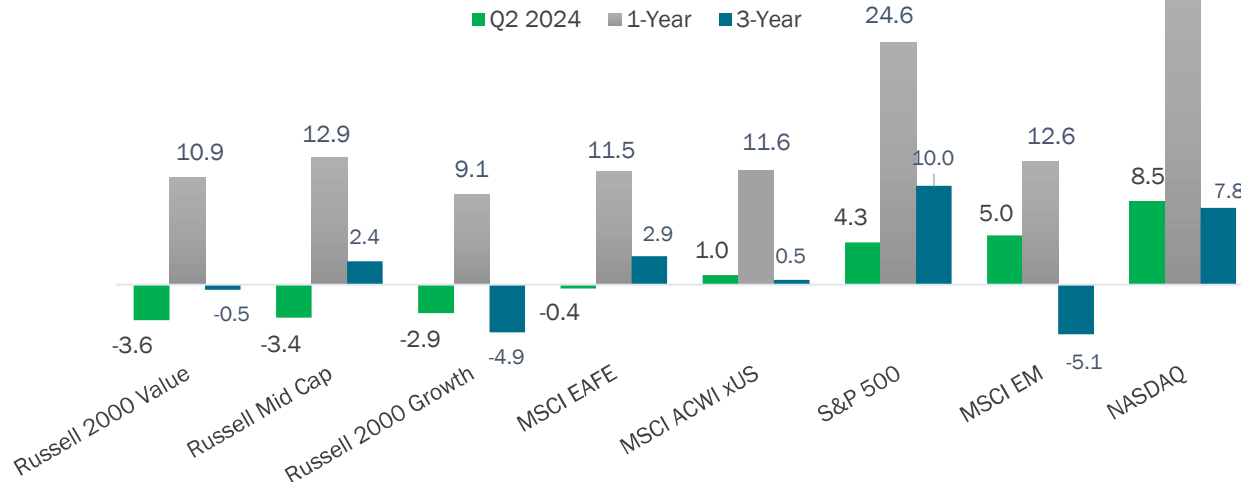
¹ Forbes, May 2024.

² Institute for Supply Management, June 2024.

EQUITIES

A broad equity rally in Q1 gave way to a more concentrated surge in Q2, driven primarily by the Technology and Communication Services sectors. These sectors capitalized on strong earnings, substantial share buybacks, and increased investment in AI. Meanwhile, mid- and small-cap equities lagged, reflecting investor preference for quality amid economic uncertainty and the challenges faced by businesses relying on bank financing amidst sustained higher rates. Internationally, AI-related hardware and infrastructure companies were a tailwind for emerging market equities.

Equity Market Returns

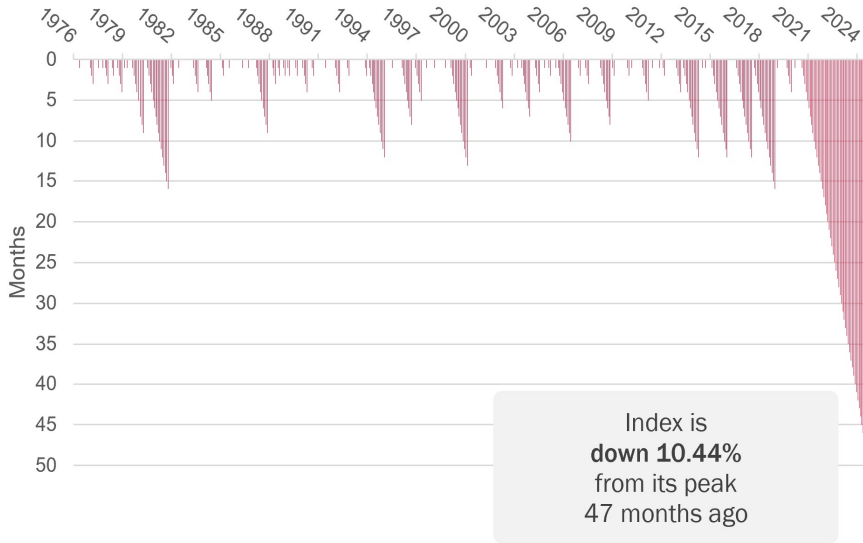


Returns pertain to Morningstar categories. Valuations pertain to the Russell style indices.

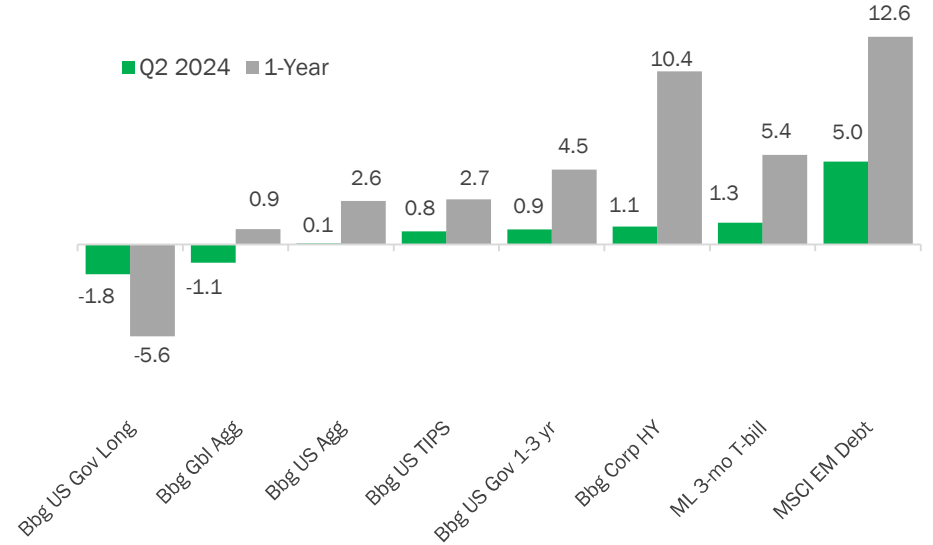
FIXED INCOME

The longest drawdown in fixed income history carries on as rates rose slightly during the second quarter. The end of June marked the 8th worst first six months in history for fixed income. Despite this, progress has been made in combatting inflation, though components like shelter are proving to be stickier than anticipated. Anticipated rate cuts later in the year should bode well for fixed income investors. Outside of the U.S., emerging market debt remains a bright spot due to economic growth, rate cuts, and improved reform.

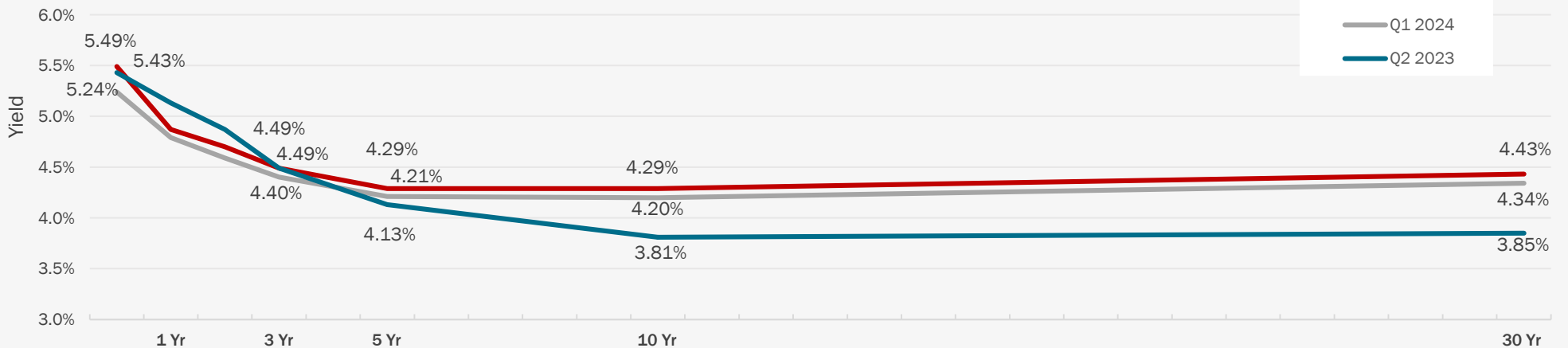
BBg US Agg Drawdown History



Fixed Income Market Returns



US Treasury Yield Curve





Section II

Investment Summary

Executive Summary and Observations

- Assets totaled \$11,616 at June 30, 2024, up from \$11,491,090 on March 31, 2024.
- Trade activity during the quarter:
-Trades implemented on 5/1/2024 to reflect the allocation below:

Ticker	Fund	03/31/2024 % Target	05/01/2024 % Target
FDRXX	Fidelity Government Cash Reserves	0.0%	0.0%
BCOIX	Baird Core Plus Institutional	15.0%	18.0%
VWEAX	Vanguard High Yield Corporate Bond	10.0%	12.0%
	Fixed Income	25.0%	30.0%
VINIX	Vanguard Institutional Index	42.0%	42.0%
VHYAX	Vanguard High Dividend Yield Index Admiral	10.0%	10.0%
VEXAX	Vanguard Extended Market Index	12.0%	10.0%
VTMNX	Vanguard Developed Markets Index	11.0%	8.0%
	Equity	75.0%	70.0%

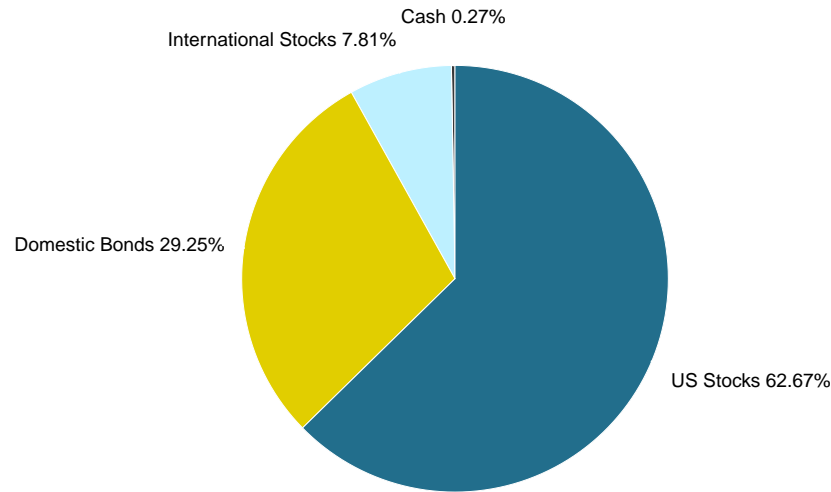
- For the quarter, the net total return was 1.29%, compared to the custom peer-group fund benchmark of 1.22%.
- For the past 12 months, the net total return was 15.22%, beating the custom peer-group fund return of 15.10%.
- Since inception in June 2023, the portfolio has gained over \$1,616,000 in investment returns.
- The portfolio is heavily allocated to index funds, leading to a low overall expense ratio of 0.09%.
- Baird Core Plus and Vanguard High Yield Corporate Bond score in the upper half of SageView's peer group quantitative rankings, while all index funds receive a pass rating.



Asset Allocation by Fund

As of 06/30/2024

Fund	% of Plan Assets	Total Assets
Vanguard Institutional Index I	43.13%	\$5,009,936.16
Baird Core Plus Bond Inst	17.69%	\$2,054,494.02
Vanguard High-Yield Corporate Adm	11.57%	\$1,343,418.20
Vanguard High Dividend Yield Index Adm	9.85%	\$1,144,470.77
Vanguard Extended Market Index Admiral	9.69%	\$1,126,059.02
Vanguard Developed Markets Index Admiral	7.81%	\$906,734.72
Fidelity Treasury Money Market	0.27%	\$30,959.46
Total Market Value:	100.00%	\$11,616,072.35



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Fund Performance Summary

As of 06/30/2024

Fund Benchmark Category	Asset Class	(%) of Plan	3 Month	YTD	1 Year	3 Years Annualized	5 Years Annualized	10 Years Annualized	Expense Ratio	SageView Ranking
Fidelity Treasury Money Market	Money Market-Taxable	0.27%	1.26	2.52	5.11	2.87	1.93	NA	0.42	NA
ICE BofA US 3M Trsy Bill TR USD*			1.32	2.63	5.40	3.03	2.16	1.51		
Cat: Morningstar Money Market - Taxable			1.23	2.48	5.06	2.85	1.92	1.27	0.41	
Baird Core Plus Bond Inst	Intermediate Core-Plus Bond	17.69%	0.30	0.12	4.32	-2.30	0.65	2.07	0.30	TOP DEC
Bloomberg US Agg Bond TR USD*			0.07	-0.71	2.63	-3.02	-0.23	1.35		
Cat: Morningstar Intermediate Core-Plus Bond			0.31	0.11	3.84	-2.81	0.20	1.52	0.75	
Vanguard High-Yield Corporate Adm	High Yield Bond	11.57%	1.39	2.18	9.41	1.77	3.49	4.14	0.12	2 ND QUAR
Bloomberg US HY 2% Issuer Cap TR USD*			1.09	2.58	10.43	1.64	3.90	4.30		
Cat: Morningstar High Yield Bond			1.12	2.82	9.93	1.63	3.54	3.53	0.90	
Vanguard High Dividend Yield Index Adm	Large Value	9.85%	-1.19	7.81	15.32	7.51	9.74	9.36	0.08	Pass
FTSE High Dividend Yield TR USD*			-1.17	7.83	15.43	7.59	9.81	9.44		
Cat: Morningstar Large Value			-1.44	7.33	14.83	6.46	9.85	8.43	0.90	
Vanguard Institutional Index I	Large Blend	43.13%	4.28	15.27	24.51	9.97	15.01	12.83	0.04	Pass
S&P 500 TR USD*			4.28	15.29	24.56	10.01	15.05	12.86		
Cat: Morningstar Large Blend			2.43	12.66	21.40	7.98	13.28	11.22	0.78	
Vanguard Extended Market Index Admiral	Mid-Cap Blend	9.69%	-3.42	3.31	14.97	-2.47	8.70	8.25	0.06	Pass
S&P Completion TR USD*			-3.44	3.28	14.66	-2.64	8.56	8.12		
Cat: Morningstar Mid-Cap Blend			-3.32	5.57	13.23	3.43	9.43	8.18	0.90	
Vanguard Developed Markets Index Admiral	Foreign Large Blend	7.81%	-0.70	4.42	10.59	1.79	6.52	4.51	0.08	Pass
FTSE Developed ex US All Cap NR USD*			-0.84	4.18	10.82	1.56	6.30	4.19		
Cat: Morningstar Foreign Large Blend			0.14	5.40	10.59	1.25	5.94	4.17	0.91	

*Investment Policy Benchmark

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Investment Discussion Summary - Current Investments

Fund Name % of Plan Assets Category	Comment Date	Comments
Baird Core Plus Bond Inst 17.69 Intermediate Core-Plus Bond	03/31/2024	<p>Performance Update (3/31/2024): The index and fund generated negative total returns in the first quarter. That said, the portfolio outperformed the Bloomberg U.S. Universal Bond Index in Q1. Credit positioning was positive overall with an overweight to and active positioning within investment grade credit helping relative performance. Particularly, an overweight and security selection within the financial sector and BBB industrial credit holdings were additive. Securitized positioning was also positive, specifically an overweight to non-agency RMBS, non-agency CMBS, and ABS. Yield curve positioning added modestly as the yield curve moved higher. A relative underweight position to high yield detracted from performance over the period. Over the trailing 1-year, the fund outperformed the benchmark. Key drivers included investment grade credit positioning and an overweight to non-agency RMBS, CMBS and ABS within securitized holdings.</p> <p>Strategy Summary: The fund utilizes a duration neutral approach relative to the benchmark. Typically, portfolio managers hope to generate the most excess return (about 40% of alpha) through security selection, then sector allocation (30% of alpha), yield curve positioning (25% of alpha), and lastly trade execution (5% of alpha). Credit analysts first determine which issuers appear to offer the best value within each sector. Only US dollar denominated securities are utilized in this fund with no use of derivative securities. The prospectus benchmark for the strategy is the Bloomberg US Universal Index. The standard category benchmark is the Bloomberg US Aggregate Bond Index. Fund comments are relative to the prospectus benchmark.</p>
Vanguard High-Yield Corporate Adm 11.57 High Yield Bond	03/31/2024	<p>Performance Update (3/31/2024): The Vanguard High-Yield Corporate fund underperformed the category for both the quarter and the last 12 months. High yield produced positive returns for the quarter as spreads ground tighter on improved earnings forecasts and strong investor demand. For the quarter, security selection within Energy, packaging, and Healthcare detracted most from performance. Security selection within leisure, technology, and food and beverage sectors helped offset some of the losses. For the 12-month period, sector allocations were detrimental to performance, while individual security selection was helpful. The relative conservative nature of the strategy vs. peers typically leads to relative underperformance when high yield is performing well, like it has over this timeframe.</p> <p>Strategy Summary: The Fund invests primarily in a diversified group of high yielding, higher risk corporate bonds with medium and lower range credit quality ratings. The Fund invests at least 80% of its assets in corporate bonds that are rated below Baa by Moody's. The Fund may not invest more than 20% of its assets in any of the following, in the aggregate: bonds with credit ratings lower than B or the equivalent, convertible securities, preferred stocks, and fixed and floating rate loans of medium to lower range credit quality. The standard category benchmark is the BB Barclays US Corporate High Yield Bond Index. Fund comments are relative to the prospectus benchmark.</p>

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IPS Historical Ranking

Fund Name	09/2021	12/2021	03/2022	06/2022	09/2022	12/2022	03/2023	06/2023	09/2023	12/2023	03/2024	06/2024
Fidelity Treasury Money Market	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Baird Core Plus Bond Inst	TOP DEC	TOP QUAR	TOP QUAR	TOP DEC	TOP QUAR	TOP DEC	TOP DEC	TOP DEC	TOP DEC	TOP DEC	TOP DEC	TOP DEC
Vanguard High-Yield Corporate Adm	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	TOP QUAR	2 ND QUAR	TOP QUAR	2 ND QUAR	2 ND QUAR
Vanguard High Dividend Yield Index Adm	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Vanguard Institutional Index I	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Vanguard Extended Market Index Admiral	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Vanguard Developed Markets Index Admiral	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

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Baird Core Plus Bond Inst

BCOIX

Ranking Vs. Peers - Intermediate Core-Plus Bond

June 30, 2024

Intermediate Core-Plus Bond Universe: 831 Funds

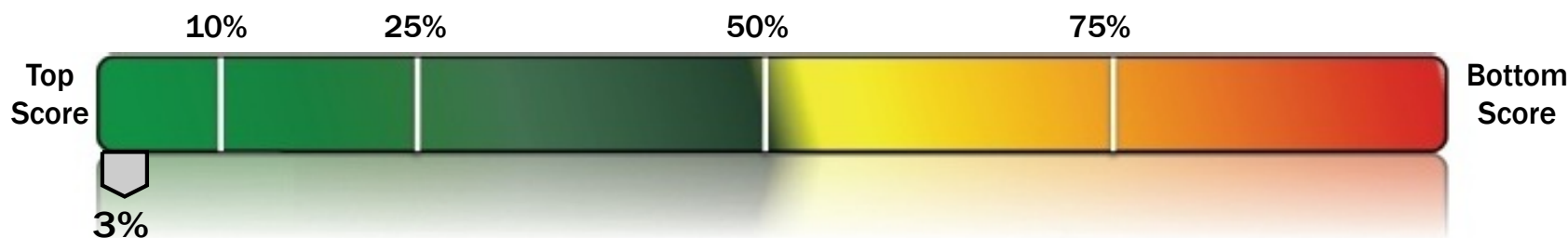
Performance Ranking		Ranking
Total Return Composite Ranking		20.85%
10 Year	15.00%	
5 Year	22.00%	
3 Year	18.00%	
1 Year	28.00%	
Rolling 12 Month - 5 Years		36.45%

Ratio Statistics		Ranking
Modified Sharpe Ratio - 36 Months		21.00%
Alpha - 60 Months		24.00%
Up Capture Ratio - 10 Years		22.00%
Down Capture Ratio - 10 Years		28.00%
Batting Average - 10 Years		11.00%

Style Consistency		Ranking
Style Consistency to Benchmark		
Bloomberg US Agg Bond TR USD	R2	4.00%

Fund Expense		Ranking
Expense Ratio	0.3	9.00%

SageView Normalized Ranking	
SageView Normalized Ranking	3.00%
STATUS	TOP DECILE



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Vanguard High-Yield Corporate Adm

VWEAX

Ranking Vs. Peers - High Yield Bond

June 30, 2024

High Yield Bond Universe: 693 Funds

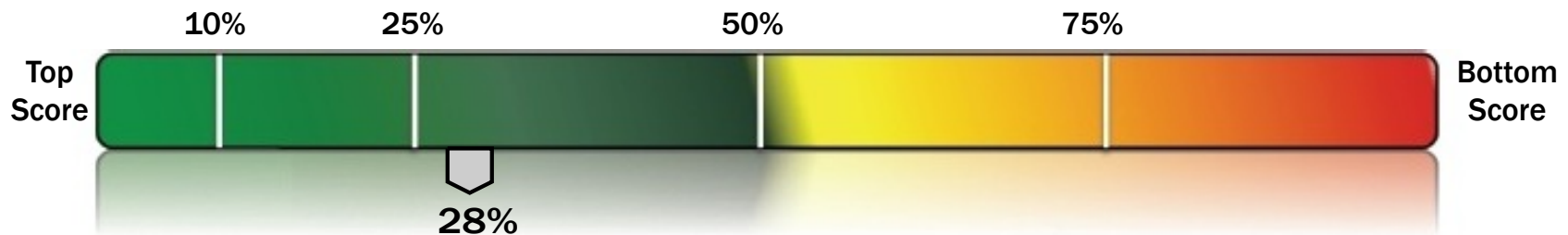
Performance Ranking			Ranking
Total Return Composite Ranking			42.70%
	10 Year	18.00%	
	5 Year	45.00%	
	3 Year	40.00%	
	1 Year	65.00%	
Rolling 12 Month - 5 Years			52.92%

Ratio Statistics		Ranking
Modified Sharpe Ratio - 36 Months		40.00%
Alpha - 60 Months		43.00%
Up Capture Ratio - 10 Years		60.00%
Down Capture Ratio - 10 Years		23.00%
Batting Average - 10 Years		20.00%

Style Consistency			Ranking
Style Consistency to Benchmark			
Bloomberg US HY 2% Issuer Cap TR USD	R2		49.00%

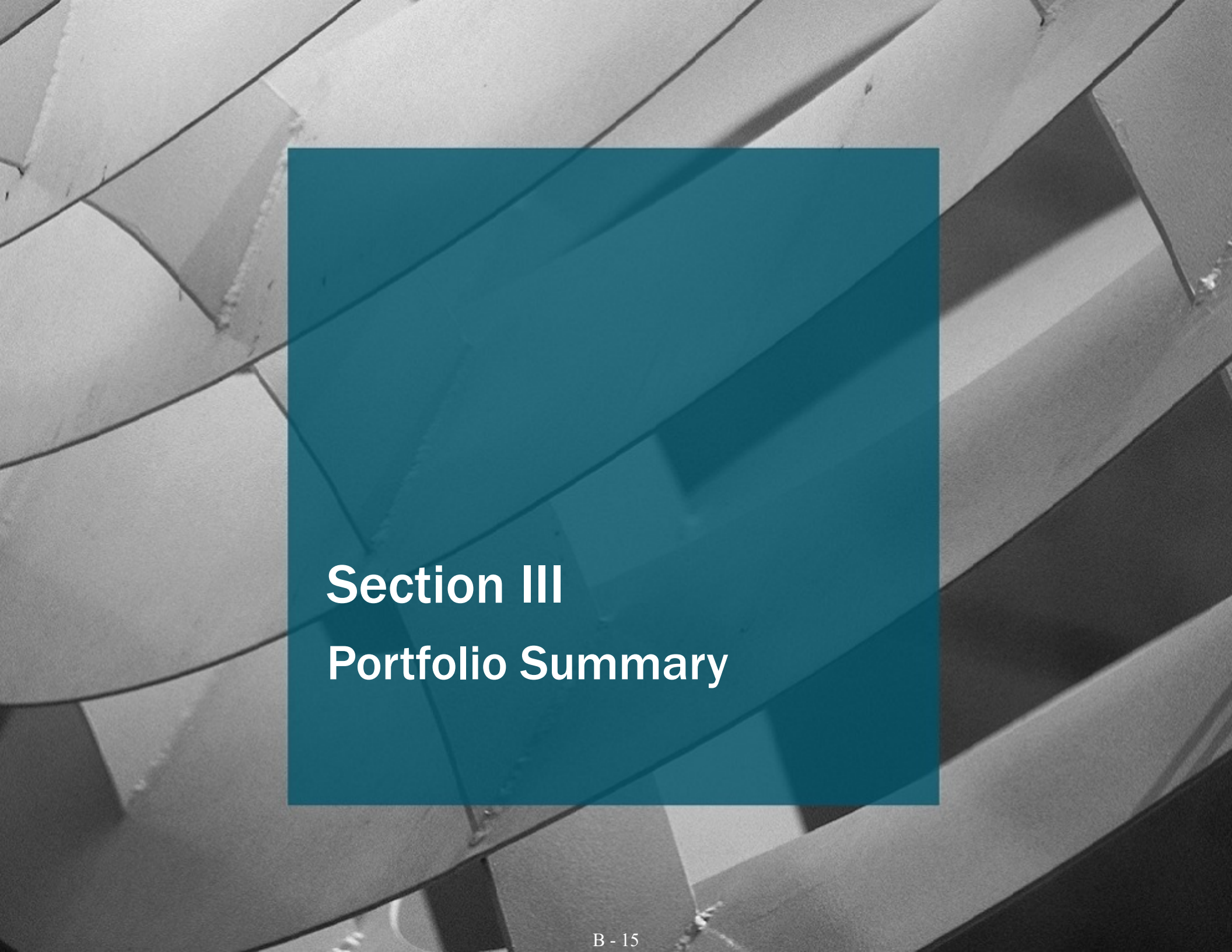
Fund Expense		Ranking
Expense Ratio	0.12	3.00%

SageView Normalized Ranking	
SageView Normalized Ranking	28.00%
STATUS	2nd QUARTILE



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Section III

Portfolio Summary

Portfolio Return vs. Custom Benchmark

As of 06/30/2024

Performance As Of June 30, 2024	3 Month	YTD	1 Year			Std Dev 5 Yr	Prospectus Exp Ratio
Irvine Ranch Water District OPEB Trust	1.29	8.17	15.22				0.09
Irvine Ranch Water District Post-Employment Benefits Trust Custom Benchmark	1.22	8.10	15.10				NA
Irvine Ranch Water District Post-Employment Benefits Trust Custom Category Averages Benchmark	0.78	7.51	14.67				0.82
Institutional Portfolio 60-30-10	1.73	7.05	13.31	3.65	7.54	11.76	NA
MSCI World NR USD	2.63	11.75	20.19	6.86	11.78	17.80	NA

Benchmark	Weight
S&P 500 TR USD	43.22%
Bloomberg US Agg Bond TR USD	17.67%
ICE BofA US High Yield TR USD	11.63%
FTSE High Dividend Yield TR USD	9.84%
S&P Completion TR USD	9.80%
FTSE Dv Ex US TR USD	7.81%
ICE BofA US 3M Trsy Bill TR USD	0.03%

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Management Style Analysis

As of 06/30/2024

Domestic Equity Style Box

	VALUE	BLEND	GROWTH
LARGE CAP	<ul style="list-style-type: none"> Vanguard High Dividend Yield Index Adm (\$98.58 bn) 	<ul style="list-style-type: none"> Vanguard Institutional Index I(\$293.50 bn) 	
MID CAP		<ul style="list-style-type: none"> Vanguard Extended Market Index Admiral (\$6.94 bn) 	
SMALL CAP			

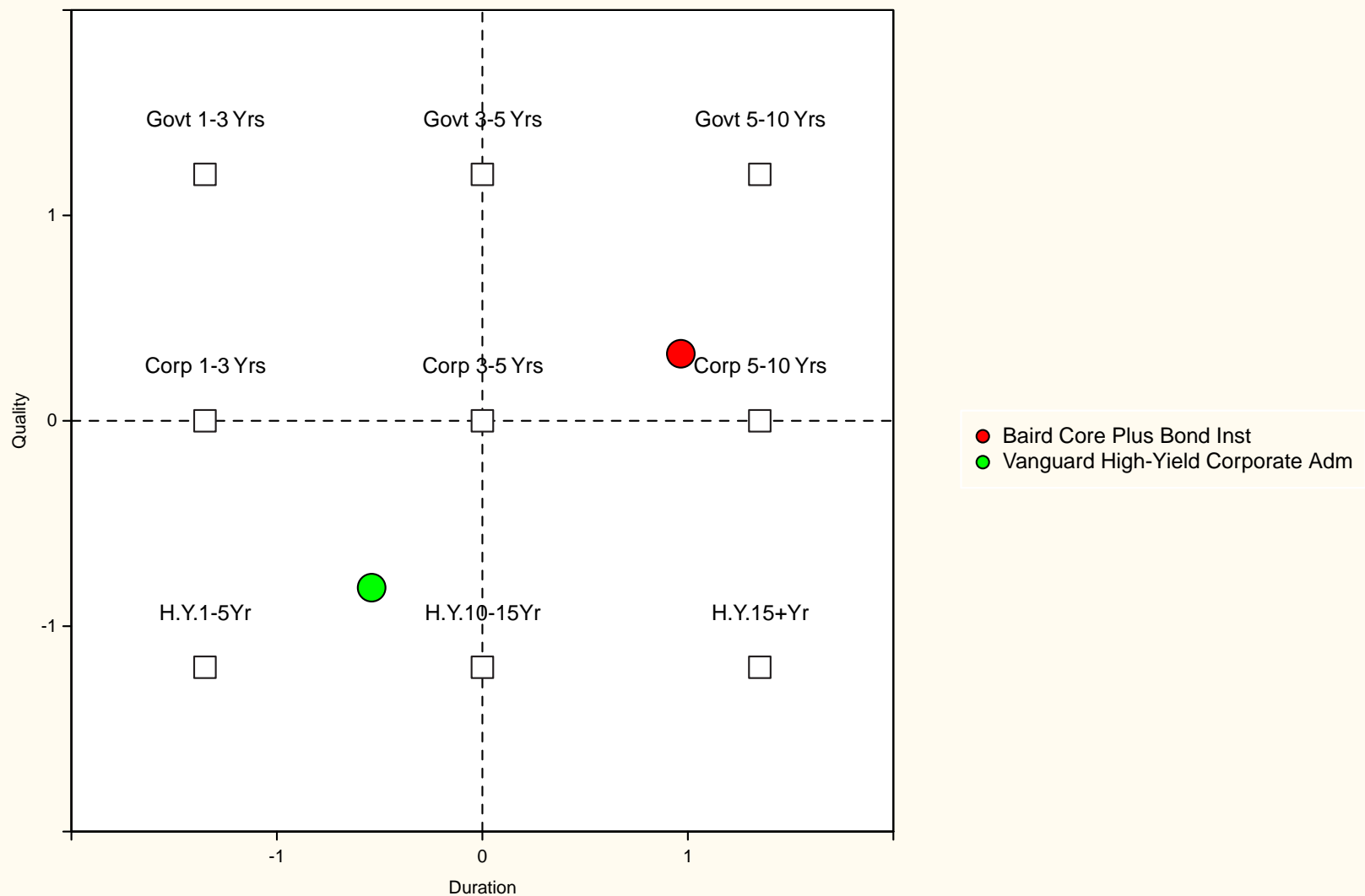
Average Market Cap. listed in parentheses

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Manager Style Box

Fixed Income - Single Computation
July 2014 - June 2024

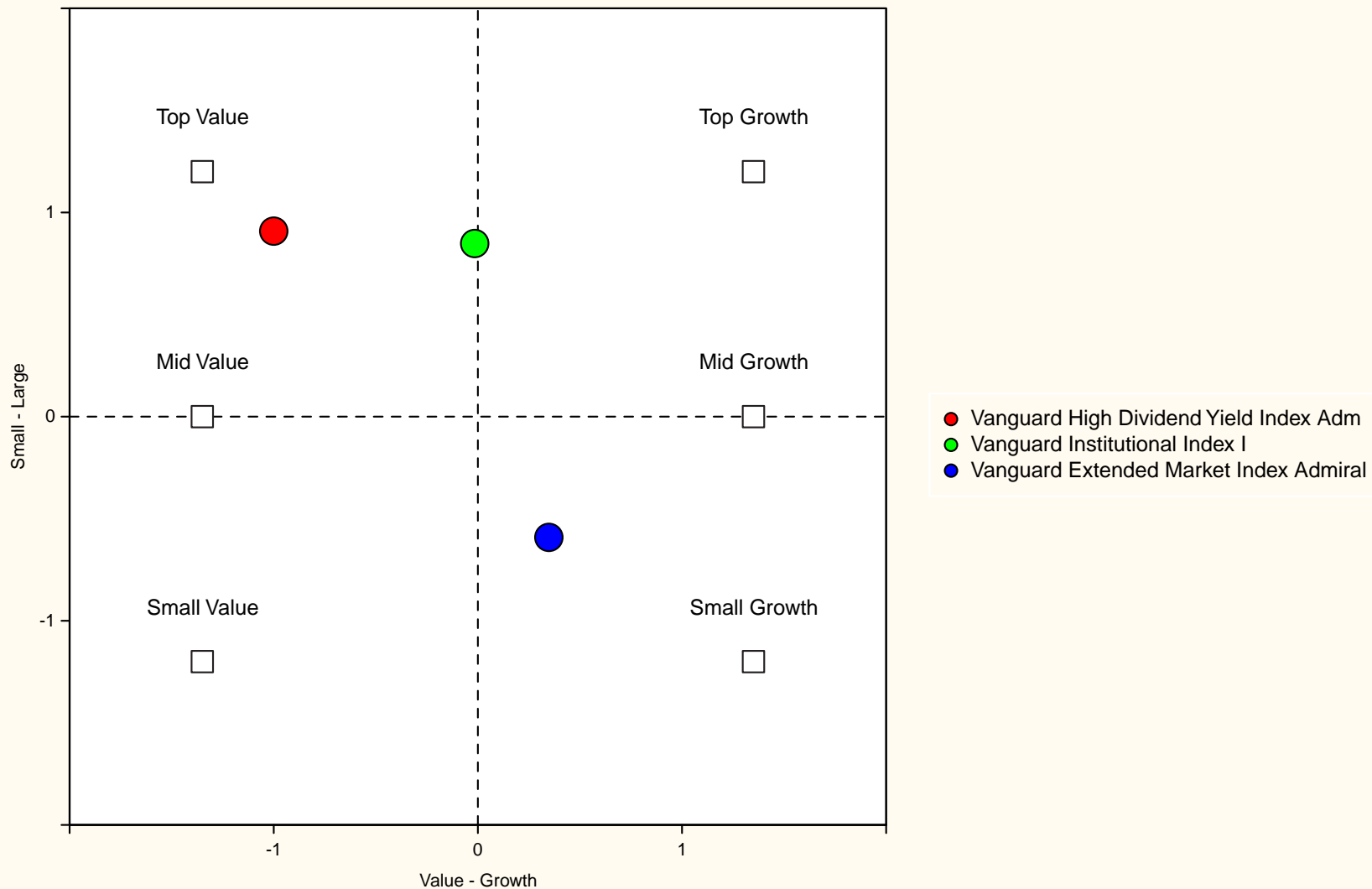


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Manager Style Box

Equity - Single Computation
July 2014 - June 2024

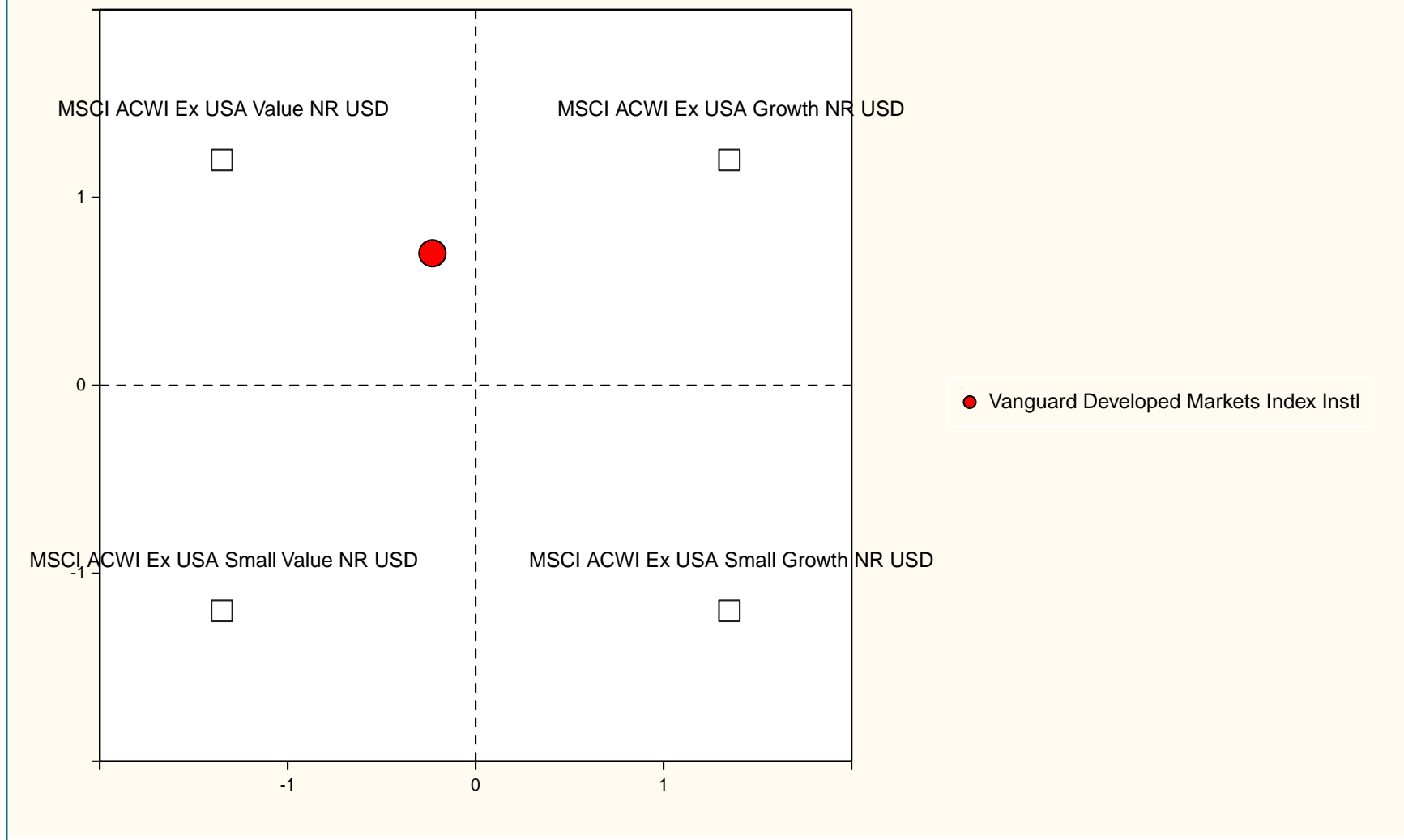


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Manager Style Box

International Equity - Single Computation
July 2014 - June 2024



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Section V Appendix

ACTIVE INVESTMENT OPTIONS ANALYSIS CRITERIA

All active plan investment options are reviewed quarterly against their peer group and index benchmark to determine the performance and quality of each offering. Each are evaluated using the following criteria:

1. Trailing 1, 3, 5 and 10 year returns – Total return is a basic measure of a fund's performance. Fund returns over each period are factored into a weighted average, based on the life of a fund. Recent returns receive a slightly higher weighting, while older returns, which may have been produced under different conditions, are weighted less.
2. Rolling period returns – A rolling period return divides a longer time frame into smaller time periods. A rolling 12-month return over five years is computed by first calculating a single period return over the first twelve months. Next, it calculates the 12-month return for months 2-13. The process continues until finally reaching the 12-month period spanning months 48-60. The final rolling figure reflects the average of all of the 12-month returns.
3. Batting Average – Batting average is calculated by (1) tallying the number of months in a given observation window where the investment return is greater than the return of the peer group median return and (2) dividing this amount by the total number of months in the observation window. The result is a ratio that ranges between 0 and 1. A batting average of greater than 0.50 signifies that the investment has outperformed the peer group more frequently than it has underperformed, irrespective of the magnitude of any outperformance or underperformance.
4. Style Consistency to the appropriate index – We utilize R-squared to assess whether the funds selected for the plan continue to operate and perform as expected within their appropriate asset class. R-squared measures the closeness between a fund's returns and movements in the benchmark. All active funds have some deviation from their benchmark, but excessive deviation could indicate that a fund is drifting away from its stated category mandate.
5. Modified Sharpe Ratio – The standard Sharpe Ratio calculation is calculated by subtracting the risk-free rate of return (the US Treasury Bill is typically used) from the portfolio return and dividing the result by the portfolio's standard deviation. A higher Sharpe ratio indicates that the portfolio was able to generate a higher return per unit of risk. Modified Sharpe Ratio is a related statistic that is equal to the Sharpe Ratio under normal circumstances. However, the Modified Sharpe calculation adds an exponent to the denominator that effectively raises the denominator to the -1 power in circumstances in which an investment's excess return is negative. This modification ensures that investments with both negative excess returns and higher standard deviations rank lower than investment with negative excess returns and lower standard deviations. Under the standard Sharpe Ratio calculation, the opposite is true.
6. Alpha – The use of Alpha allows us to gauge the effectiveness of the manager. Alpha is the difference between the portfolio's actual return and its expected return given the funds level of risk as calculated by beta.
7. Up Capture Ratio – The up capture ratio calculates the percentage of return of an index that a fund has captured during up market cycles. It tracks the fund's relative performance versus the appropriate index when the index is going up.
8. Down Capture Ratio – The down capture ratio calculates the percentage of return of an index a fund has captured during down market cycles. Funds that perform well in this category tend to reduce the downside loss for investors during bear markets.
9. Expense Ratio – The expense ratio is compared to the appropriate category average expense and then given a score based upon that percentage. This rewards low-cost funds and penalizes high-cost funds. Expense ratios are effectively "double weighted" in our scoring methodology, because performance returns are already net of expenses. Since fiduciaries are encouraged to carefully manage expenses, we believe explicitly factoring in fund fees is prudent.

Each fund is benchmarked to a specific market index, and fund performance is evaluated and compared to a relevant peer group using Morningstar category classifications. A fund is given a peer group ranking for each criterion, shown as a percentage. The percentage rankings for all criteria are then averaged to give a fund its average ranking score. All funds with at least a three year track record are scored in the above manner. A fund is then classified as Top Decile, top Quartile, 2nd Quartile, 3rd Quartile or 4th Quartile based upon the overall score compared to all other funds within that particular asset category.

PASSIVE INVESTMENT OPTIONS ANALYSIS CRITERIA

All passive investment options are reviewed quarterly against their peer group and index benchmark to determine the performance and quality of each offering. Each are evaluated using the following criteria:

1. Expense Ratio – The percentage of fund assets, net of reimbursements, used to pay for operating expenses and management fees, including 12b-1 fees, administrative fees, and all other asset-based costs incurred by the fund, except brokerage costs. Fund expenses are reflected in the fund's NAV. Sales charges are not included in the expense ratio. The Prospectus Net Expense Ratio is collected annually from a fund's prospectus.
2. Tracking Error – A measure of the difference in returns between an investment and a benchmark. Tracking error is reported as a standard deviation of the difference between the returns of an investment and its benchmark.
3. R-Squared – A statistical metric that ranges from zero to 100 and measures the percentage of portfolio's performance that is explained by the movement of its benchmark index. R-Squared is helpful in assessing the reliability of alpha and beta in explaining a portfolio risk and return characteristics. An r-squared of 100 would mean that the portfolio's performance movements are perfectly correlated with those of the benchmark over time, and would suggest that alpha and beta may be relied upon with a high degree of confidence.
4. Beta – A measure of the volatility, or systematic risk, of an investment in comparison to a market index as a whole. Beta is calculated using regression analysis. Beta represents the tendency of an investment's returns to respond to moves in the market or index that it's calculated against. A beta of 1 indicates that the investment's price moves with the market. A beta of less than 1 means that the investment is theoretically less volatile than the market. A beta of greater than 1 indicates that the investment's price is theoretically more volatile than the market. The reliability of an investment's beta is a function of the investment's r-squared value in relation to the benchmark. A high r-squared value signifies that the beta measure is reliable, while a low r-squared signifies that it is potentially inaccurate.

Each of the criteria above carries a proprietary weight. An index fund is evaluated and ranked in each of the above criteria relative to their peer group. A fund is given a peer group ranking for each criterion. The percentage rankings for all criteria are then weighted to give a fund its average ranking score.

The raw score is then normalized on a scale of 1 to 100, with 1 being the best and 100 the worst. The top 75% of the funds in a category receive a passing score, while the bottom 25% fail.

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