

Sacramento County 457(b): Plan Highlights & Key Observations

Date June 2024

DEFERRED COMPENSATION PLAN ASSETS

At quarter-end, assets in the Sacramento County 457(b) Plan totaled \$1,591.3 million, increasing \$25.4 million (1.63%) from \$1,565.8 million at the previous quarter-end.

Fidelity Contrafund held the highest percentage of non-target date assets (13.6%), followed by Vanguard Institutional Index (6.6%).

Assets in the Vanguard Target Retirement series totaled \$807.9 million (50.8%) at quarter end; this was an increase of \$7.2 million from \$800.7 million at the prior quarter-end.

PERFORMANCE

The Plan's investments are generally meeting performance objectives; however, Parnassus Core Equity, JPMorgan Equity Income R6, JPMorgan Small Cap Equity R6, and Metropolitan West Total Return Bd Plan remained on watch from previous quarters. All funds are on watch due to underperformance. Metropolitan West Total Return is scheduled to be replaced by the Baird Core Plus Bond Inst on September 9th.

JPMorgan Equity Income - JPMorgan Equity Income remains on the County's watchlist this quarter. This was due to the fund performing below 50% of its peer group during for the three- and five-year time-period, as well as performing underneath the fund's prospectus benchmark for a three-year period. This quarter, it outperformed the benchmark by roughly 0.37% (-1.79% versus -2.16%). Clare Hart (2004), Andrew Brandon (2019), and David Silberman (2019) are the managers of the strategy. The strategy seeks high quality companies with disciplined capital allocations and a consistent dividend yield above 2%. The strategy closed to new investors in 2021 but reopened in January 2024 after portfolio outflows inhibited the management team's ability to generate excess performance in a challenging market environment. Dividend paying stocks have struggled against traditional value stocks over the past 2 years as rising fixed income interest rates have become a more attractive place to generate yields. NWCM remains convicted in the fund.

Parnassus Core Equity - Parnassus Core Equity continues to remain on watch due to underperforming the benchmark (S&P 500 Index) for both the three-, five-, and ten-year time periods. Additionally, it performed below 50% of its peers for the three-year time period. This quarter, it underperformed the benchmark by roughly -2.38% (1.91% versus 4.29%). Todd Ahlsten (2001), Benjamin Allen (2012), and Andrew Choi (2022) are the managers of the strategy. The team looks for exposure to US large cap equity markets through an ESG lens. The team will

first exclude companies that derive significant revenue from alcohol, tobacco, weapons, fossil fuels, or gambling and then screen the universe based on traditional ESG, quality, and valuation metrics. Finally, they invest in firms that meet all their quantitative criteria and offer durable competitive advantages, relevant products, strong management teams, and ethical business practices. Recent performance compared to both their Large Cap Blend peers as well as their benchmark index (S&P 500) has struggled slightly due to smaller allocations to mega-cap technology within the portfolio. NWCM maintains confidence in the fund's management.

JPMorgan Small Cap Equity - JPMorgan Small Cap Equity remained on the watchlist this quarter due to performing below 50% of its peer group for the three- and five-year time period. For the quarter, the fund returned -3.90%, which underperformed the benchmark at -3.28% (Russell 2000). Don San Jose (2007) and Daniel Percella (2014) are the managers of the strategy. The team takes a quality and consistency-based approach that looks for companies operating in narrow market niches and can leverage their competitive positioning to growth their ROIC faster than the market. They also look for companies with strong and consistent earnings and free cash flows which leads to steadier businesses. The teams aims for high active share (typically ~95%) and the portfolio pairs well with a passive index strategy as a result. The strategy's quality focus was a headwind to relative performance during low-quality market rallies in 2021 and 2023, where the fund trailed its peer average by 800 and 400 bps respectively. NWCM is convicted in the fund.

Metropolitan West Total Return Bd Plan – Stephen Kane (1997), Bryan Whalen (2004), Jerry Cudzil (2023), and Ruben Hovhannisyan (2023) are the managers of the strategy. Long time manager and former CIO Tad Rivelle (1997) retired at the end of 2021 and Laird Landmann (1997) retired at the end of 2023. Kane also plans to retire at the end of 2024. Rivelle, Landmann, and Kane are the co-founders of Metropolitan West Asset Management. Management looks to generate relative performance by rotating sector and risk factor exposures in the portfolio throughout the credit cycle. They rely on their experience and expertise with macro calls to generate the majority of alpha, although security selection and valuation analysis does play a part. Historically the strategy has been slightly overweight to MBS and duration relative to peers. The strategy received significant asset inflows in the wake of Bill Gross's departure from PIMCO in 2014 and has struggled to generate meaningful outperformance on a consistent basis with a larger asset base. In 2023 the strategy ranked in the third quartile of peers where the longer than average effective duration (7.1 years fund vs. 6.1 years peer average) and an overweight to mortgage-backed securities were headwinds to relative performance. These trends have continued YTD in 2024 where the strategy ranks in the bottom quartile. Metropolitan West Total Return is scheduled to be replaced by the Baird Core Plus Bond Inst on September 9th.

Sources: JPMorgan, Parnassus, TCW, as of 6/30/2024.

Investment Menu Review – June 2024

Sacramento County 457(b) Plan

Table of Contents

1.	Market Summary
2.	Summary of Assets
3.	Equity Performance
4.	Fixed Income Performance & Fund Comments
5.	Stable Value Performance
6.	Target Date Fund Review

Q2 2024 Market Summary



CARSON

Market Summary Video

Our quarterly market summary is now pre-recorded and available to view prior to your scheduled committee meetings.

This new video format has several advantages:

- Can be watched at your convenience
- More meeting time can be devoted to discussion of plan priorities
- Available for committee members who are unable to attend the meeting
- Archived for future viewing

▶ Click [here](#) to watch the market summary video now.

Economy Inflation Rises and Unemployment Declines

How Commodities have moved Year-over-Year 2022-2023 Calendar Growth Estimates

Asset Class Performance Markets at a Glance

Market Overview Is it different this time? Continued...

Market Overview Is it different this time? A lookback at the early 1980s.

US Inflation Change in consumer price index

Fed Policy Federal Funds Target Rate

"Recession Speak" has become the language of the day, which signals an economic slowdown and a period of uncertainty. However, there is little agreement about what the recession we may face. Inflation climbed to 8.6% in May. In this respect, there are some similarities between the two recessions in the early 1980s and the current economic environment. In 1979, the energy crisis started by Iran's Cultural Revolution and the subsequent year's Iran-Iraq conflict led to a doubling of oil prices and rising gas fees. Energy demand from the economic restart coupled with supply shocks due to Russia's invasion are deflating factors today.

Volatility is another common factor. The stock market in the early 1980s did not experience the 20% drop we've had this year, but the generally positive S&P 500 returns then were interspersed with drops of 8.3% (February 1980) and 8.2% (August 1981) following the Fed's tightening. More recently, during COVID, the initial decline in the stock market was over before the recession was even announced. For bonds, the Barclays Aggregate Index had three of its worst quarters in 1980 and 1981, losing 8.7% in the first quarter of 1980 alone, but still finished with positive returns in both calendar years.

Paul Volcker, then Chairman of the Federal Reserve, broke with prior vacillating policy and fought back against persistent inflation in July of 1981 by tightening the money supply. The Fed funds rate reached nearly 20% in September 1981.

Source: Bloomberg Barclays Indices, Investment Company Management. Past performance does not guarantee future results. All indexes are unmanaged and cannot be tracked directly. Diversification does not ensure a profit or guarantee against a loss. Disc. as of 10/24/23 10:00 AM.




Markets Hitting New Highs

A Lot Of New Highs Suggests More New Highs Are Coming

S&P 500 Returns After 20 Or More All-Time Highs (ATH) At Midpoint of the Year

Year	ATHs at Midpoint of Year	ATHs Full Year	ATHs Second Half of Year	S&P 500 Index Returns		
				Next 3 Months	Rest of Year	Full Year
1955	31	49	18	6.4%	10.8%	26.4%
1961	27	53	26	3.2%	10.7%	23.1%
1964	43	65	22	3.0%	3.7%	13.0%
1965	25	37	12	6.9%	9.9%	9.1%
1983	30	31	1	-1.2%	-1.9%	17.3%
1985	24	43	19	-5.1%	10.1%	26.3%
1986	25	31	6	-7.8%	-3.5%	14.6%
1987	33	47	14	5.9%	-18.7%	2.0%
1995	44	77	33	7.3%	13.1%	34.1%
1997	30	45	15	7.0%	9.6%	31.0%
1998	35	47	12	-10.3%	8.4%	26.7%
1999	20	35	15	-6.6%	7.0%	19.5%
2014	22	53	31	0.6%	5.0%	11.4%
2017	24	62	38	4.0%	10.3%	19.4%
2021	34	70	36	0.2%	10.9%	26.9%
2024	31	?	?	?	?	?
Average			19.9	0.9%	5.7%	20.1%
Median			18.0	3.0%	9.6%	19.5%
% Higher				66.7%	80.0%	100.0%
Average Year (1950 - 2023)						
Average				0.6%	4.8%	9.3%
Median				2.4%	5.6%	12.0%
% Higher				60.8%	71.6%	71.6%

Source: Carson Investment Research, FactSet 06/28/2024
@ryandetrick

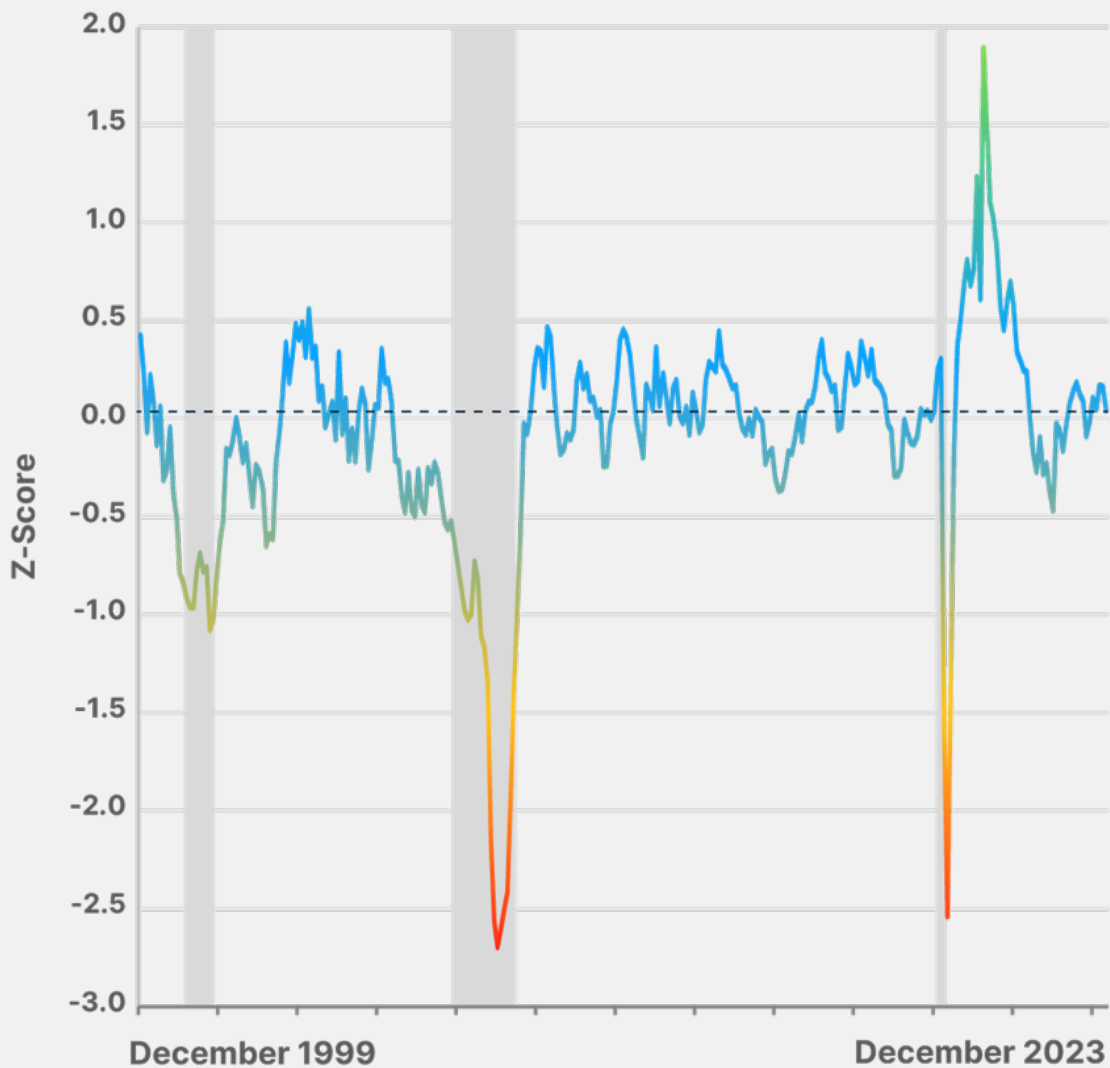


The S&P 500 logged 31 All-Time Highs (ATHs) in the first half of the year. History suggests that we will likely continue to see more ATHs in the second half of the year and that markets have a better chance than not to be higher at the end of the year than they are now.



Economic Strength

Profit margins, forward earnings expectations, and labor productivity all point to continued robust strength in the economy. Combined with low unemployment and healthy wage growth, the fundamentals of the US economy suggest the current market rally has some staying power.



US Economic Growth Running Close to Trend Carson Proprietary Leading Economic Index – USA

Source: Carson Investment Research, 5/31/2024
Shaded areas indicate U.S. recessions.

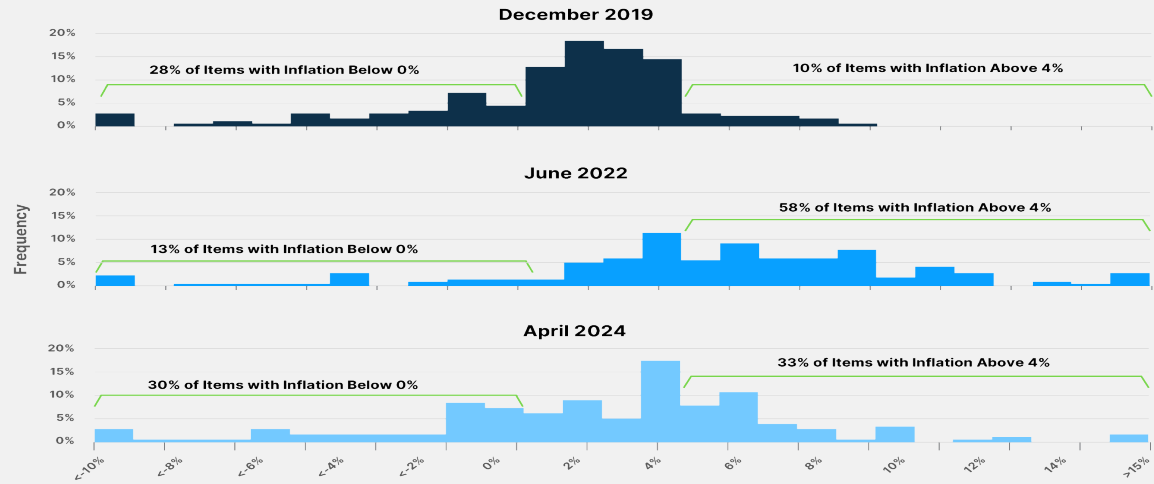


Inflation and the Fed

Inflation has been slightly stickier to start the year but under the hood the picture continues to improve. Fewer PCE categories have inflation above 4% and more are seeing disinflation (inflation growth below 0%) compared to June 2022. Despite the improving inflation picture, the FOMC is now projecting only 1 rate cut in 2024, compared to the 6 that markets were pricing in to start the year. The FOMC's long run projection has also begun to creep upwards as the Fed will potentially want to keep rates higher for longer.

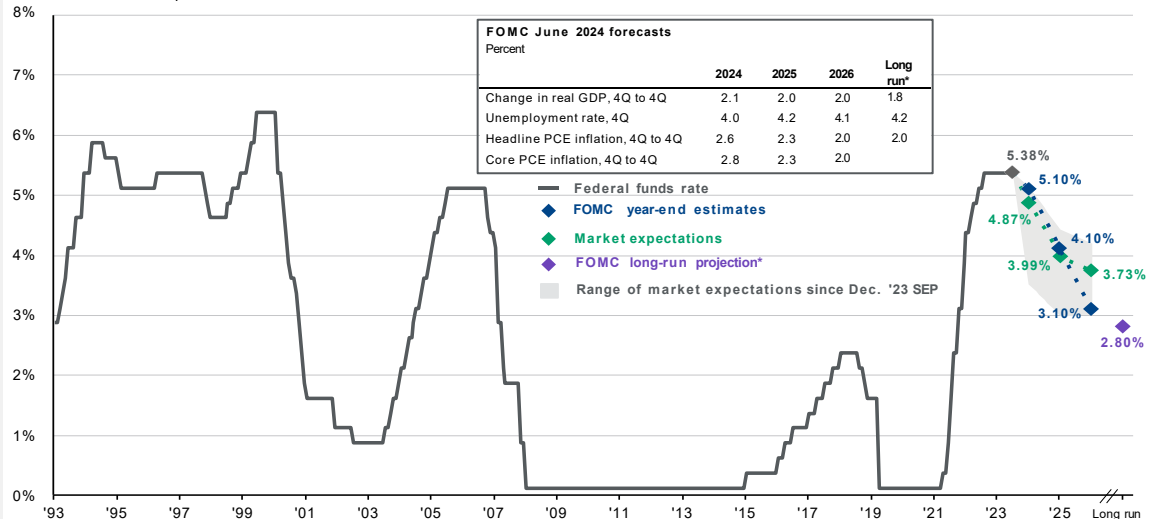
Inflation is Narrowing Once Again

Distribution of Core PCE Categories (Year-Over-Year Change)



Federal funds rate expectations

FOMC and market expectations for the federal funds rate



Top Source: Carson Investment Research, BLS 5/31/2024

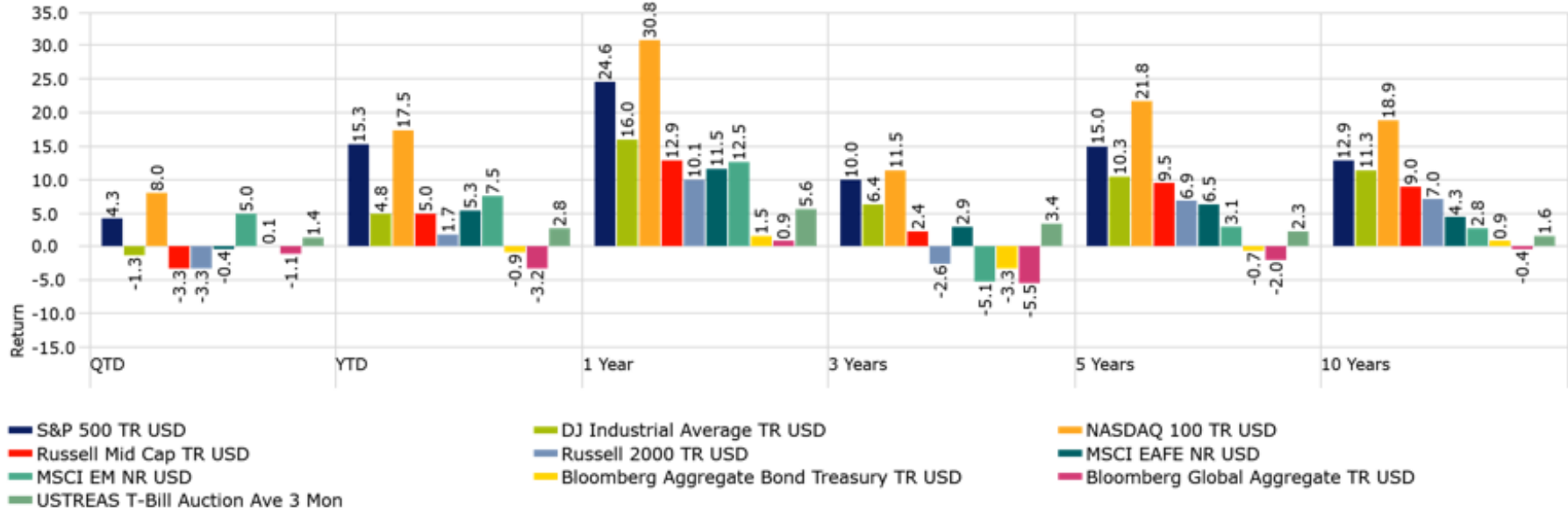
Bottom Source: Bloomberg, FactSet, Federal Reserve, J.P. Morgan Asset Management. Guide to the Markets – U.S. Data are as of June 30, 2024.



Markets at a Glance

Returns

As of Date: 6/30/2024



Trailing Returns

As of Date: 6/30/2024 Data Point: Return

	QTD	YTD	1 Year	3 Years	5 Years	10 Years
S&P 500 TR USD	4.28	15.29	24.56	10.01	15.05	12.86
DJ Industrial Average TR USD	-1.27	4.79	16.02	6.42	10.33	11.30
NASDAQ 100 TR USD	8.05	17.47	30.77	11.50	21.77	18.92
Russell Mid Cap TR USD	-3.35	4.96	12.88	2.37	9.46	9.04
Russell 2000 TR USD	-3.28	1.73	10.06	-2.58	6.94	7.00
MSCI EAFE NR USD	-0.42	5.34	11.54	2.89	6.46	4.33
MSCI EM NR USD	5.00	7.49	12.55	-5.07	3.10	2.79
Bloomberg Aggregate Bond Treasury TR USD	0.10	-0.86	1.55	-3.26	-0.65	0.91
Bloomberg Global Aggregate TR USD	-1.10	-3.16	0.93	-5.49	-2.02	-0.42
USTREAS T-Bill Auction Ave 3 Mon	1.37	2.75	5.61	3.43	2.32	1.62

Source: Morningstar Direct. Past performance does not guarantee future results. All indexes are unmanaged and cannot be invested into directly. Diversification does not ensure a profit or guarantee against a loss.



Markets at a Glance

U.S. Equities

US markets posted a strong first half of the year, notching a number of all-time highs along the way. Corporate earnings and profit margins continue to trend upwards, and the consumer and household balance sheets have been resilient in the face of inflation. This has led to both earnings growth and multiple expansion contributing to almost equal portions of the markets gains YTD. Big Tech has been the largest driver of returns, similar to 2023. Small caps and defensive sectors like energy, financials, and staples have participated in the rally but remain less expensive on a relative valuation basis.

International Equities:

Foreign markets also started off the year on a good note, with positive performance in both the developed and emerging markets. Returns slightly lagged those in the US, however, as continued geopolitical risk in Ukraine/Russia, Israel, and China/Taiwan weighed on investor sentiment. International markets continue to trade at lower price multiples compared to their US counterparts, as they have for much of the past decade, but the perceived better value there has not led to better relative performance.

Fixed Income:

Bond markets had a difficult start to 2024 as increasing yields have led to negative total returns. Rates ticked up as market expectations for future Fed rate cuts took a step back amidst stickier than anticipated inflation. Higher starting yields for bonds should lead to better total returns looking forward, but uncertainty around policy in the short term is leading to some market weakness.



Additional Disclosures

This material is for general information only and is not intended to provide specific advice or recommendations for any individual. This content cannot be copied without express written consent of CWM, LLC.

Investment advisory services offered through CWM, LLC, an SEC Registered Investment Advisor. Carson Partners, a division of CWM, LLC, is a nationwide partnership of advisors.

Due to volatility within the markets mentioned, opinions are subject to change without notice. Information is based on sources believed to be reliable; however, their accuracy or completeness cannot be guaranteed. Past performance does not guarantee future results.

The S&P 500 is an index of 500 stocks chosen for market size, liquidity and industry grouping (among other factors) designed to be a leading indicator of U.S. equities and is meant to reflect the risk/return July 2023

MSCI EAFE – Designed to measure the equity market performance of developed markets (Europe, Australasia, Far East) excluding the U.S. and Canada. The Index is market-capitalization weighted.

MSCI Emerging Markets – Designed to measure equity market performance in global emerging markets. It is a float-adjusted market capitalization.

Bloomberg U.S. Aggregate Bond – The Bloomberg US Agg Total Return Value Unhedged, also known as “Bloomberg U.S. Aggregate Bond Index” formerly known as the “Barclays Capital U.S. Aggregate Bond Index”, and prior to that, “Lehman Aggregate Bond Index,” is a broad-based flagship benchmark that measures the investment grade, US dollar-denominated, fixed-rate taxable bond market. The index includes Treasuries, government-related and corporate securities, MBS (agency fixed-rate pass-throughs), ABS and CMBS (agency and non-agency).

Investors cannot invest directly in indices. The performance of any index is not indicative of the performance of any investment and does not consider the effects of inflation and the fees and expenses associated with investing. Additional risks are associated with international investing, such as currency fluctuations, political and economic stability, and differences in accounting standards.

02196786-0424-A



Summary of Assets

Asset Class	%	3/31/2024	Net Increases/Decreases	3/31/2024	%
US Large Cap	23.6%	\$369,793,481	\$16,611,361	\$386,404,842	24.3%
Parnassus Core Equity Institutional	1.7%	\$26,128,839	\$9,657,009	\$35,785,847	2.2%
Vanguard Institutional Index I	7.0%	\$109,350,263	(\$109,350,263)	\$0	0.0%
Vanguard Institutional Index Instl PI	0.0%	\$0	\$105,399,909	\$105,399,909	6.6%
Fidelity Contrafund K6	13.0%	\$203,880,083	(\$203,880,083)	\$0	0.0%
Fidelity Contrafund Commingled PI A	0.0%	\$0	\$217,046,760	\$217,046,760	13.6%
JPMorgan Equity Income R6	1.9%	\$30,434,296	(\$2,261,970)	\$28,172,327	1.8%
US Mid Cap	2.7%	\$43,002,798	(\$2,513,124)	\$40,489,674	2.5%
Vanguard Extended Market Index Instl	2.7%	\$43,002,798	(\$2,513,124)	\$40,489,674	2.5%
US Small Cap	1.0%	\$15,501,203	(\$847,040)	\$14,654,163	0.9%
JPMorgan Small Cap Equity R6	1.0%	\$15,501,203	(\$847,040)	\$14,654,163	0.9%
Foreign	3.1%	\$49,281,520	\$1,121,625	\$50,403,145	3.2%
Vanguard Total Intl Stock Index Instl	1.3%	\$19,970,865	\$150,344	\$20,121,209	1.3%
Fidelity Overseas K	1.9%	\$29,310,655.43	\$971,280	\$30,281,936	1.9%
Fixed Income	6.7%	\$104,436,921	(\$4,017,635)	\$100,419,285	6.3%
Vanguard Total Bond Market Index I	2.5%	\$39,316,367	(\$3,019,606)	\$36,296,762	2.3%
Metropolitan West Total Return Bd Plan	1.2%	\$19,167,182	\$1,937,556	\$21,104,738	1.3%
Galliard Stable Value Fund E	2.9%	\$45,953,371	(\$2,935,586)	\$43,017,785	2.7%
Fidelity MIP II: Class III	0.0%	\$0	\$0	\$0	0.0%
Specialty Options	11.7%	\$183,076,926	\$7,947,908	\$191,024,835	12.0%
Fidelity Inv MM Fds Government Instl	3.9%	\$61,786,925	(\$510,693)	\$61,276,232	3.9%
Fidelity Instl MM Fds Government I	0.0%	\$34,846	\$432	\$35,277	0.0%
Self Directed Account	7.7%	\$121,255,156	\$8,458,169	\$129,713,326	8.2%
Target Date Funds	51.1%	\$800,731,927	\$7,150,867	\$807,882,794	50.8%
Vanguard Target Retirement Income Trust Plus	4.9%	\$76,124,890	(\$2,516,872)	\$73,608,018	4.6%
Vanguard Target Retirement 2020 Trust Plus	5.0%	\$77,597,673	(\$2,168,175)	\$75,429,498	4.7%
Vanguard Target Retirement 2025 Trust Plus	7.4%	\$115,462,890	(\$3,609,519)	\$111,853,371	7.0%
Vanguard Target Retirement 2030 Trust Plus	7.9%	\$122,920,119	\$76,551	\$122,996,670	7.7%
Vanguard Target Retirement 2035 Trust Plus	8.2%	\$128,326,088	\$3,623,728	\$131,949,817	8.3%
Vanguard Target Retirement 2040 Trust Plus	6.8%	\$106,319,120	\$3,380,073	\$109,699,194	6.9%
Vanguard Target Retirement 2045 Trust Plus	4.6%	\$71,362,917	\$2,426,437	\$73,789,354	4.6%
Vanguard Target Retirement 2050 Trust Plus	3.0%	\$47,744,263	\$1,690,751	\$49,435,014	3.1%
Vanguard Target Retirement 2055 Trust Plus	2.0%	\$31,737,960	\$1,605,729	\$33,343,688	2.1%
Vanguard Target Retirement 2060 Trust Plus	1.1%	\$16,797,798	\$1,561,900	\$18,359,699	1.2%
Vanguard Target Retirement 2065 Trust Plus	0.3%	\$5,242,933	\$813,757	\$6,056,690	0.4%
Vanguard Target Retirement 2070 Trust Plus	0.1%	\$1,095,276	\$266,507	\$1,361,783	0.1%
Total	100%	\$1,565,824,777	\$25,453,961	\$1,591,278,738	100%

1.63%

Equity Performance

Watch List Criteria:

1. The fund performs below 50% of its peer group for a three-year period.
2. The fund performs below 50% of its peer group for a five-year period.
3. The fund performs below 50% of its peer group for a ten-year period.
4. Performance below the fund's prospectus benchmark for a three-year period.
5. Performance below the fund's prospectus benchmark for a five-year period.
6. Performance below the fund's prospectus benchmark for a ten-year period.
7. A Morningstar rating of 2 or below
8. A fund may also be placed on the watch List if there are extenuating circumstances.

To be placed on the watch List a fund must trip up at least two of the eight conditions.

To be taken off the watch List a fund must only reflect one watch List Criteria violation.

Removal Criteria:

1. The fund performs below 50% of its peer group for a five-year period.
2. The fund performs below 50% of its peer group for a ten-year period.
3. Performance below the fund's prospectus benchmark for a five-year period.
4. Performance below the fund's prospectus benchmark for a ten-year period.
5. A Morningstar rating of 2 or below

To be considered for replacement a fund must violate all five Removal Criteria.

The benchmark which causes the fund to trip less Investment Policy Criteria is used.

	Prospectus Benchmark	MS Rating	Return					Action
			QTR	1 Year	3 Years	5 Years	10 Years	
Equity								
Large Growth								
Fidelity Contrafund Commingled PI A	S&P 500 TR USD	4	6.60	39.13	11.01	17.30	14.99	
+/- Benchmark			2.32	14.57	1.00	2.25	2.13	
Peer Group Percentile			39	7	11	24	24	
Large Value								
JPMorgan Equity Income R6	Russell 1000 Value TR USD	4	-1.79	10.88	5.50	9.22	9.32	W
+/- Benchmark			0.37	-2.18	-0.02	0.21	1.09	
Peer Group Percentile			55	81	72	63	26	
Large Blend								
Parnassus Core Equity Institutional	S&P 500 TR USD	4	1.91	21.34	8.32	14.11	12.24	W
+/- Benchmark			-2.38	-3.22	-1.70	-0.93	-0.62	
Peer Group Percentile			65	61	51	44	31	
Small Blend								
JPMorgan Small Cap Equity R6	Russell 2000 TR USD	3	-3.90	7.39	-0.02	7.25	8.27	W
+/- Benchmark			-0.62	-2.67	2.56	0.31	1.26	
Peer Group Percentile			72	82	60	70	14	
Foreign Large Blend								
Fidelity Overseas K	MSCI EAFE NR USD	4	0.06	13.48	2.14	7.88	6.73	
+/- Benchmark			0.48	1.95	-0.75	1.42	2.40	
Peer Group Percentile			40	22	14	22	20	

Fixed Income Performance

Watch List Criteria:

1. The fund performs below 50% of its peer group for a three-year period.
2. The fund performs below 50% of its peer group for a five-year period.
3. The fund performs below 50% of its peer group for a ten-year period.
4. Performance below the fund's prospectus benchmark for a three-year period.
5. Performance below the fund's prospectus benchmark for a five-year period.
6. Performance below the fund's prospectus benchmark for a ten-year period.
7. A Morningstar rating of 2 or below
8. A fund may also be placed on the watch List if there are extenuating circumstances.

To be placed on the watch List a fund must trip up at least two of the eight conditions.

To be taken off the watch List a fund must only reflect one watch List Criteria violation.

Removal Criteria:

1. The fund performs below 50% of its peer group for a five-year period.
2. The fund performs below 50% of its peer group for a ten-year period.
3. Performance below the fund's prospectus benchmark for a five-year period.
4. Performance below the fund's prospectus benchmark for a ten-year period.
5. A Morningstar rating of 2 or below

To be considered for replacement a fund must violate all five Removal Criteria.

The benchmark which causes the fund to trip less Investment Policy Criteria is used.

	Prospectus Benchmark	MS Rating	Return					Action
			QTR	1 Year	3 Years	5 Years	10 Years	
Fixed Income								
Intermediate-Term Bond								
Metropolitan West Total Return Bd Plan	Bloomberg US Agg Bond TR USD	3	0.05	2.93	-3.52	-0.12	1.42	W
+/- Benchmark			-0.02	0.30	-0.50	0.11	0.08	
Peer Group Percentile			82	76	79	66	57	
Stable Value								
Galliard Stable Return Fund E	50% FTSE 3-Mo T-Bill + 50% ICE BofA 1-3Y Trsy	4	0.74	2.87	2.33	2.26	2.00	
+/- Benchmark			-0.42	-2.22	0.55	0.62	0.67	
Peer Group Percentile								

Sources: JPMorgan, Parnassus, TCW, as of 6/30/2024.

Galliard Stable Value Performance

Investment Strategy

The Fund's underlying fixed income strategy is managed in a conservative style that utilizes a disciplined value investing process to build a high-quality portfolio with broad diversification and an emphasis on risk control. Our core investment philosophy is to build a portfolio of realizable yield through bottom-up, fundamental research, utilizing a team-based approach to portfolio management. Galliard's fixed income portfolios emphasize high quality spread sectors, diversification across sectors and issuers to reduce risk, neutral duration positioning, and a laddered portfolio structure for ample natural liquidity. The majority of the Fund's assets will be invested in fixed income portfolios that are wrapped by stable value contracts which allow fund participants to transact at book value. The Fund will hold cash in order to maintain sufficient liquidity and may also invest in traditional GICs. The Fund utilizes high credit quality stable value contract issuers, with an emphasis on diversification.

Fund Information

Fund Information	Fund
Fund Assets	\$18.15B
Avg Credit Quality (S&P)	AA-
# of Wrap Providers	10
Net Crediting Rate	3.02%
Effective Duration	2.98 Yrs
Market-to-Book	94.6%

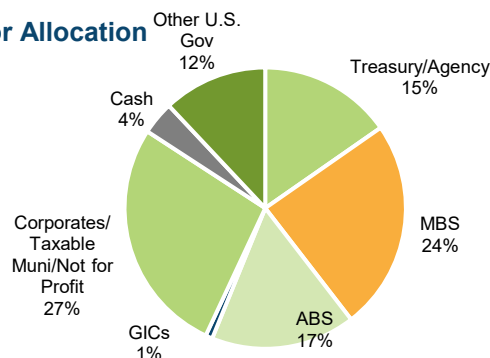
Expenses

Total Fund Expenses*	0.317%
----------------------	--------

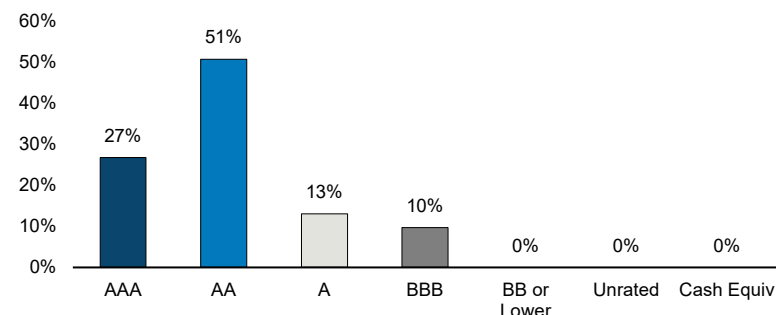
*fees as of 6/30/2024

Annualized Performance		2Q24	YTD	1 Year	3 Year	5 Year	10 Year				
Galliard Stable Value Fund E (after fees)		0.74%	1.45%	2.87%	2.33%	2.26%	2.00%				
Benchmark**		1.16%	2.00%	5.09%	1.78%	1.64%	1.33%				
FTSE 3-Month T-Bill		1.37%	2.76%	5.64%	3.17%	2.22%	1.53%				
Calendar Year Performance		2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Galliard Stable Value Fund E (after fees)		2.70%	1.95%	1.80%	2.18%	2.34%	2.06%	1.74%	1.62%	1.50%	1.35%
Benchmark**		4.76%	-1.10%	-0.25%	1.84%	2.90%	1.72%	0.63%	0.58%	0.28%	0.33%
FTSE 3-Month T-Bill		5.26%	1.50%	0.05%	0.58%	2.25%	1.86%	0.84%	0.27%	0.03%	0.03%
Consumer Price Index		3.56%	6.45%	7.04%	1.36%	2.29%	1.67%	2.11%	2.07%	0.73%	1.76%

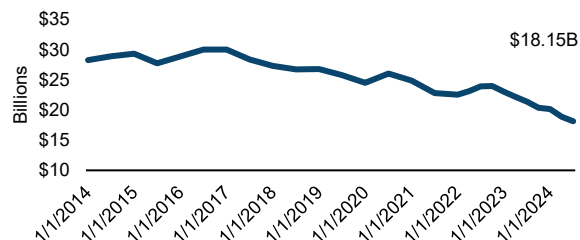
Sector Allocation



Credit Quality



Fund Assets



Issuer	% of Fund	S&P Rating
Transamerica Life Ins. Co.	14.0%	A+
American General Life Ins. Co.	14.0%	A+
Prudential Ins. Co. of America	13.9%	AA-
Royal Bank of Canada	13.5%	AA-
Metropolitan Life Ins. Co.	12.7%	AA-
Pacific Life Ins. Co.	8.7%	AA-
State Street Bank and Trust Co.	7.1%	AA-
Massachusetts Mutual Life Ins. Co.	6.5%	AA+
Nationwide Life Ins. Co.	5.9%	A+
Massachusetts Mutual Life Ins. Co.	0.4%	AA+
Principal Life Ins. Co.	0.4%	A+

Source: NWCM, Galliard, as of 6/30/2024

**Benchmark: 50% FTSE 3-Mo T-Bill + 50% ICE BofA 1-3 Yr Tsy Index

Target Date Performance

Portfolio/Benchmark	Q2 2024	YTD	1 year	3 years	5 years	10 years	Since inception	Inception date
Vanguard Target Retirement Income Trust Plus	0.91%	3.04%	7.95%	0.50%	3.77%	4.01%	4.70%	6/22/2007
Target Retirement Income Composite Index	0.91%	3.10%	8.15%	0.68%	4.00%	4.18%	—	—
<i>excess return</i>	0.00%	-0.06%	-0.20%	-0.18%	-0.24%	-0.17%		
Vanguard Target Retirement 2020 Trust Plus	1.05%	3.93%	9.29%	0.99%	5.21%	5.43%	6.93%	6/22/2007
Target Retirement 2020 Composite Index	1.06%	3.98%	9.49%	1.22%	5.50%	5.63%	—	—
<i>excess return</i>	-0.01%	-0.04%	-0.21%	-0.23%	-0.29%	-0.20%		
Vanguard Target Retirement 2025 Trust Plus	1.27%	5.18%	11.10%	1.61%	6.22%	6.14%	7.72%	6/28/2007
Target Retirement 2025 Composite Index	1.28%	5.21%	11.35%	1.87%	6.55%	6.35%	—	—
<i>excess return</i>	-0.01%	-0.03%	-0.25%	-0.26%	-0.33%	-0.21%		
Vanguard Target Retirement 2030 Trust Plus	1.40%	6.02%	12.40%	2.16%	7.04%	6.68%	8.39%	6/28/2007
Target Retirement 2030 Composite Index	1.42%	6.05%	12.67%	2.43%	7.38%	6.91%	—	—
<i>excess return</i>	-0.02%	-0.03%	-0.27%	-0.27%	-0.34%	-0.22%		
Vanguard Target Retirement 2035 Trust Plus	1.57%	6.86%	13.57%	2.75%	7.87%	7.23%	9.06%	6/28/2007
Target Retirement 2035 Composite Index	1.60%	6.87%	13.83%	3.00%	8.20%	7.45%	—	—
<i>excess return</i>	-0.02%	-0.01%	-0.26%	-0.26%	-0.32%	-0.22%		
Vanguard Target Retirement 2040 Trust Plus	1.75%	7.68%	14.72%	3.31%	8.67%	7.75%	9.61%	6/28/2007
Target Retirement 2040 Composite Index	1.77%	7.69%	15.00%	3.56%	9.00%	7.99%	—	—
<i>excess return</i>	-0.02%	-0.01%	-0.28%	-0.26%	-0.33%	-0.23%		
Vanguard Target Retirement 2045 Trust Plus	1.91%	8.45%	15.81%	3.86%	9.47%	8.20%	9.97%	6/28/2007
Target Retirement 2045 Composite Index	1.95%	8.51%	16.17%	4.12%	9.81%	8.45%	—	—
<i>excess return</i>	-0.04%	-0.06%	-0.37%	-0.26%	-0.34%	-0.25%		
Vanguard Target Retirement 2050 Trust Plus	2.06%	9.08%	16.68%	4.24%	9.77%	8.35%	10.09%	6/28/2007
Target Retirement 2050 Composite Index	2.09%	9.14%	17.04%	4.50%	10.11%	8.60%	—	—
<i>excess return</i>	-0.03%	-0.06%	-0.36%	-0.26%	-0.34%	-0.25%		
Vanguard Target Retirement 2055 Trust Plus	2.06%	9.09%	16.68%	4.24%	9.77%	8.34%	10.25%	10/5/2010
Target Retirement 2055 Composite Index	2.09%	9.14%	17.04%	4.50%	10.11%	8.60%	—	—
<i>excess return</i>	-0.03%	-0.05%	-0.36%	-0.26%	-0.34%	-0.26%		
Vanguard Target Retirement 2060 Trust Plus	2.07%	9.08%	16.67%	4.25%	9.79%	8.36%	9.64%	3/1/2012
Target Retirement 2060 Composite Index	2.09%	9.14%	17.04%	4.50%	10.11%	8.60%	—	—
<i>excess return</i>	-0.02%	-0.06%	-0.37%	-0.25%	-0.32%	-0.24%		
Vanguard Target Retirement 2065 Trust Plus	2.07%	9.08%	16.70%	4.24%	9.78%	—	9.84%	7/21/2017
Target Retirement 2065 Composite	2.09%	9.14%	17.04%	4.50%	10.11%	—	—	—
<i>excess return</i>	-0.02%	-0.05%	-0.34%	-0.26%	-0.33%			
Vanguard Target Retirement 2070 Trust Plus	2.06%	9.04%	16.69%	—	—	—	7.03%	
Target Retirement 2070 Composite Index	2.09%	9.14%	17.04%	6.02%	10.41%	8.76%	—	—
<i>excess return</i>	-0.03%	-0.10%	-0.35%	—	—	—	—	—

Sources: Vanguard and Morningstar, as of June 30, 2024.