

Investment Performance Review
Period Ending December 31, 2022

Preliminary

Killeen Firefighters' Relief & Retirement Fund



On behalf of everyone at AndCo, we want to Thank You for the opportunity to serve you and for the trust you place in us! We take our role as your consultant and trusted advisor seriously and will continue working hard to maintain your confidence.

Looking back at the year, we would like to provide a brief update on where we stand as a firm. 2022 marked the 22nd straight year of revenue growth for the firm and we advise on approximately \$90 billion in client assets as of December 31st. We reinvested 100% of our net profits back into the organization so we can continue to evolve and adapt within a market environment that is constantly changing and challenging. As we have stated in previous updates, we do not believe the "status quo" is an effective strategy and we are convicted in our belief that a firm not focused on moving forward in our industry is moving backward.

To execute on our commitment to evolve and continue to enhance the organization, we made additional personnel and technology investments in 2022. Specifically, we hired a Chief Information Officer (Bharat Kumta) after a national search led by a specialized executive recruiting firm. We believe technology is going to drive successful firms in our industry and we plan to invest heavily within this business function to support digital transformation. We also integrated a new Chief Human Resources Officer (Stacie Runion) through a national search led by an executive recruiter. We believe our firm's most important asset is our people, so we need to ensure we have the right leadership team in HR to focus on that asset. We also hired team members in Finance, Human Resources, Consulting, Research, Solutions & Growth, Technology and Performance & Reporting. These personnel investments focused on further enhancing functional areas, departmental service levels, and narrowing potential gaps. We also continued to invest in our proprietary software system to compile and share information firmwide to better serve our clients more effectively and efficiently. Finally, we engaged several outside consulting firms to help us better assess and invest in areas within our firm we believe will drive value for our clients going forward. Some examples include working with an outside group to evaluate and enhance our Operational Due Diligence efforts with investment managers and a separate group to help us review and analyze our current Discretionary Services offerings and how to make this service stronger for our clients.

As we start 2023, we are 93 team members strong with plans to grow. We are targeting several new positions for the year as we thoughtfully continue to invest in our firm to provide the quality services you expect from AndCo. These talent enhancements cover multiple functions and departments at AndCo including Consulting, Research, Performance & Reporting, Marketing, Technology and Compliance. While adding additional resources to a firm our size is a significant investment, it is one we embrace due to the impact we believe it will have on our ability to continue serving our clients at a high level and will push us closer to our vision of being a transformational organization viewed as the leader in our industry. We thoughtfully grow while helping to ensure that service will not suffer at AndCo at the expense of growth. Rather, we utilize growth to enhance our value proposition and overall service to our valued clients.

At the beginning of each year, we also discuss the AndCo partnership and, when earned, announce new partners.

This year I am thrilled to share three new team members were named partners at AndCo – Jon Breth, Tyler Grumbles and Brooke Wilson. Jon has been with AndCo for 11-years and Tyler has been with AndCo for 15-years. Jon and Tyler are both members of our Consulting Department. Brooke was recently promoted to Executive Director of our Performance & Reporting Department and has been with AndCo 7-years. We could not be happier for Jon, Tyler, and Brooke or more grateful for the contributions they have made to AndCo since joining the firm. Jon, Tyler, and Brooke represent what it means to be an AndCo team member, and we are honored and fortunate to have them as partners at our firm.

While three new members will be added to the partnership in 2023, we will also be losing one valuable team member. Donna Sullivan retired on December 31, 2022. Donna joined AndCo at its inception in September of 2000. Donna has been integral in the success of the firm and for many years was the glue that held everything together. Her contributions and sacrifices are too many to reference in this letter. While we are extraordinarily excited for her and the next chapter of her life, she will be greatly missed as a partner and team member. We will be honoring Donna and her legacy with the Donna Sullivan Believe Award. This award will be given each year to the team member at AndCo that best demonstrates their belief in AndCo's Mission, Vision, and Values. Donna believed in what AndCo stood for before anyone else did, and she carried that belief for 23 years. Thank you, Donna!

With the addition of Jon, Tyler, and Brooke, and Donna's retirement, we now have 15 partners representing various functions and departments at AndCo. Our growing partnership group provides great perspective and insight which continues to strengthen AndCo and reaffirm our belief that 100% employee management is vital to the long-term success of our organization. We have great team members at AndCo and this partnership group will continue to expand as we move forward.

In closing, we know that 2022 was a dramatically different environment for investing as compared to 2021, with record high inflation and double-digit losses in both equity AND fixed income assets - all resulting in challenging client portfolio results. Please know our team works tirelessly to provide the advice and guidance you need regardless of the market environment. Our name, AndCo, reminds us of who we work for every day - "Our Client" & Co. You are first in our service model. As we continue to discuss strategic decisions and reinvestments regarding our firm, please know that our decisions are filtered through the following question: "How does this keep our clients' interests first?" If it doesn't meet this standard, we don't do it - it's that simple.

Thank you again for your valued partnership and the opportunity to serve you.
Happy New Year!



Mike Welker, CFA®
CEO



Organizational Chart



PARTNERSHIP

Mike Welker, CFA®
Brian Green
Brooke Wilson, CIPM®
Bryan Bakardjiev, CFA®
Dan Johnson
Dan Osika, CFA®
Evan Scussel, CFA®, CAIA®
Jacob Peacock, CPFA

Jason Purdy
Jon Breth, CFP®
Kerry Richardville, CFA®
Kim Spurlin, CPA
Steve Gordon
Troy Brown, CFA®
Tyler Grumbles, CFA®, CIPM®, CAIA®

LEADERSHIP & MANAGEMENT

Mike Welker, CFA®
 CEO
Bharat Kumta
 CIO
Bryan Bakardjiev, CFA®
 COO
Evan Scussel, CFA®, CAIA®
 Executive Director of Research
Kim Spurlin, CPA
 CFO
Sara Searle
 CCO
Stacie Runion
 CHRO
Steve Gordon
 Solutions & Growth Director
Troy Brown, CFA®
 Executive Director of Consulting

Brooke Wilson, CIPM®
 Executive Director of Performance Reporting
Dan Johnson
 Consulting Director
Jack Evatt
 Consulting Director
Jacob Peacock, CPFA
 Consulting Director
Jason Purdy
 I.T. Director
Molly Halcom
 Solutions & Growth Director
Philip Schmitt
 Research Director
Rachel Brignoni, MHR
 People & Culture Director

INVESTMENT POLICY COMMITTEE

Bryan Bakardjiev, CFA®
Mike Welker, CFA®

Sara Searle
Troy Brown, CFA®

CONSULTING

Annette Bidart
Brad Hess, CFA®, CPFA
Brendon Vavrica, CFP®
Brian Green
Chris Kuhn, CFA®, CAIA®
Christiaan Brokaw, CFA®
Dave West, CFA®
Doug Anderson, CPFA
Frank Burnette
Gwelda Swilley
Ian Jones

James Ross
Jeff Kuchta, CFA®, CPFA
Jennifer Brozstek
Jennifer Gainfort, CFA®, CPFA
John Mellinger
John Thinnies, CFA®, CAIA®, CPFA
Jon Breth, CFP®
Jorge Friguls, CPFA
Justin Lauver, Esq.
Kerry Richardville, CFA®

Mary Nye
Michael Fleiner
Michael Holycross
Mike Bostler
Oleg Sydyak, CFA®, FSA, EA
Paul Murray, CPFA
Peter Brown
Tim Walters
Tony Kay
Tyler Grumbles, CFA®, CIPM®, CAIA®

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Amy Steele
Bob Bulas
David Gough, CPFA
Don Delaney
Donnell Lehr, CPFA

Edward Cha
Grace Niebrzydowski
James Culpepper
James Reno
Jeff Pruniski
Joe Carter, CPFA

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Rotchild Dorson
Yoon Lee-Choi

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Robert Marquetti

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Shelley Berthold

I.T. & OPERATIONS
Geoffrey Granger
Jerry Camel
Kenneth Day

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Thay Arroyo

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Lauren Kaufmann

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 Private & Hedged Fixed Income
Chester Wyche
 Real Estate & Real Assets
Dan Lomelino, CFA®
 Fixed Income
David Julier
 Real Estate & Real Assets
Elizabeth Wolfe
 Capital Markets & Asset Allocation
Evan Scussel, CFA®, CAIA®
 Private & Public Equity
Joseph Ivaszuk
 Operational Due Diligence
Josue Christiansen, CFA®, CIPM®
 Public Equity
Julie Baker, CFA®, CAIA®
 Private & Hedged Equity
Justin Ellsesser, CFA®, CAIA®
 Private Equity
Kevin Laake, CFA®, CAIA®
 Private Equity
Michael Kosoff
 Hedge Funds
Philip Schmitt
 Fixed Income & Capital Markets
Ryan McCuskey
 Real Estate & Real Assets
Xinxin Liu, CFA®, FRM
 Private Equity and Private Debt
Zac Chichinski, CFA®, CIPM®
 Public Equity



93
EMPLOYEES

37 ADVANCED
DEGREES

23 CFA®

8 CAIA®

11 CPFA 5 CIPM®

Employee counts are as of 1/1/2023 and reflect only full time employees and do not include any who are part time, temporary or independent contractors.



4th Quarter 2022 Market Environment



The Economy

- US GDP growth is expected to remain strong in the 4th quarter. While the final measure of 3rd quarter GDP was revised upward to 3.2%, global GDP growth remains challenged with higher energy prices continuing to act as a headwind, especially in Europe. However, China is beginning the process of reopening its economy which should boost emerging markets.
- The US Federal Reserve Bank (the Fed) continued to increase interest rates during the quarter with a 0.75% increase in November and a 0.50% increase in December. Importantly, the Fed signaled it remains committed to fighting inflation through additional rate hikes if needed.
- The US labor market continued to show its resiliency by adding roughly 680 thousand jobs during the 4th quarter. As a result, the unemployment rate fell to 3.5% in December. Despite these gains, the number of announced layoffs during the quarter increased, which could impact labor markets in the future periods.
- Global markets were broadly positive during the 4th quarter. Despite persistent inflation, tighter central bank monetary policy, slowing GDP growth, and continuing geopolitical risks investors were focused on the potential of central banks slowing the pace of tightening as inflation moderated.

Equity (Domestic and International)

- US equities moved higher during the 4th quarter despite concerns regarding inflation, the potential for higher interest rates, and a slowing global GDP growth. Large cap value was the best performing domestic segment of the equity market relative to other US market capitalizations and styles during the period while large cap growth performed the worst.
- International stocks also experienced strong returns during the 4th quarter. While local currency performance was solid, the primary catalyst for outsized returns was a weakening USD, which fell against most major and emerging market currencies. GDP growth, especially in Europe, remained under pressure as central bank policies remained restrictive and elevated energy prices acted as a headwind. Finally, China began to relax its zero-tolerance policy regarding Covid-19, which positively contributed to both global GDP growth and equity market performance.

Fixed Income

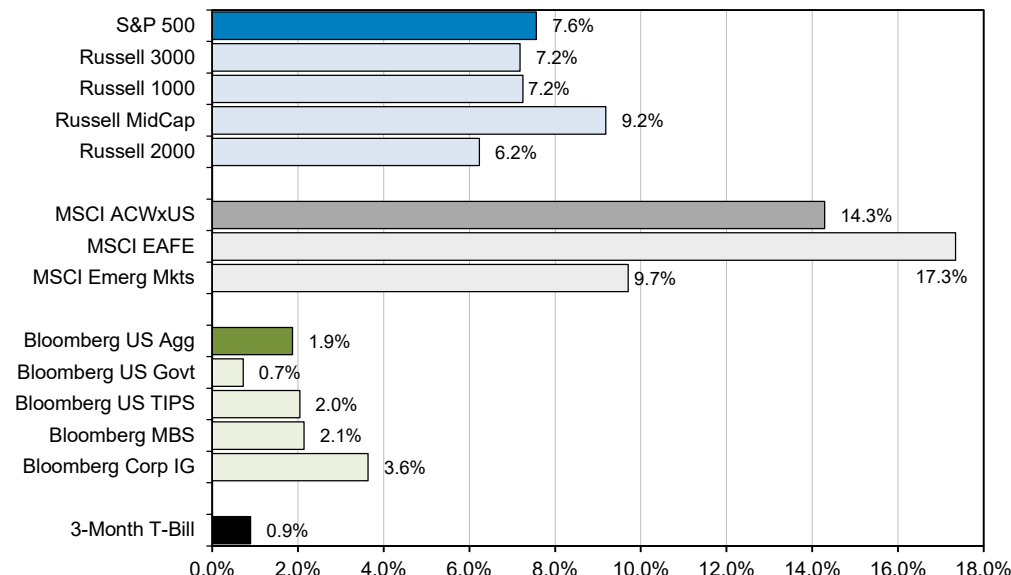
- While inflation declined during the 4th quarter, the Fed continued increasing interest rates with two increases totaling 1.25%. Despite the short-term increases, long-term interest rates remained relatively stable during the period. US interest rates moved slightly higher during the quarter with the US 10-Year Treasury bond rising 0.08% to close the year at a yield of 3.88%.
- Performance across domestic bond market sectors was positive during the quarter, led by US high yield and corporate investment grade bonds. Much like equities, global bonds outperformed their domestic peers mainly due to a weaker USD.
- The combination of higher coupons, a shorter maturity profile relative to high quality government bonds, and narrower credit spreads were the primary drivers of relative return during the period.
- US Treasury bonds lagged their corporate bond peers during the quarter as investors' concerns about rising interest rates and the need for safety subsided.

Market Themes

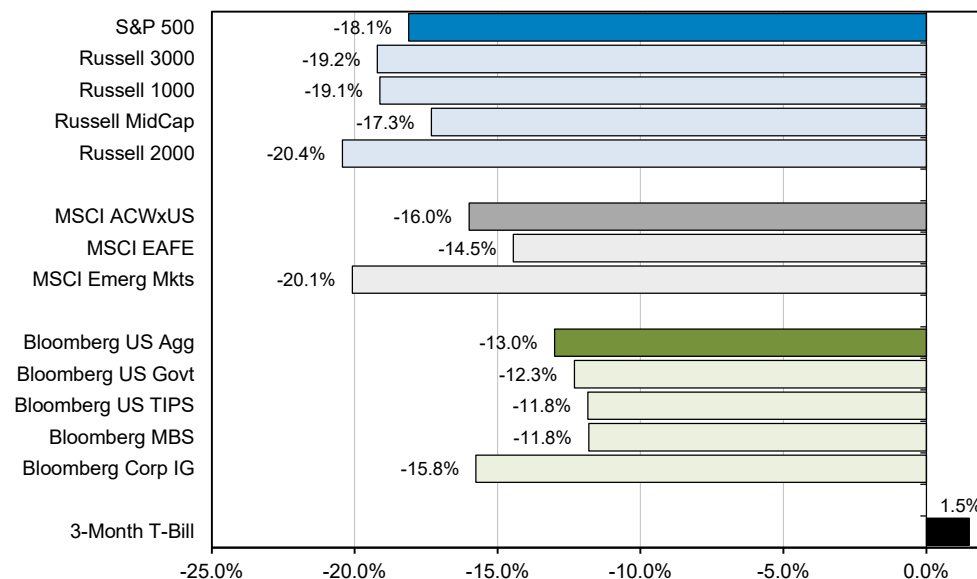
- Central banks remained vigilant in their fight against inflation with the Fed, the Bank of England, and the European Central Bank all raising interest rates during the quarter. Additionally, the Bank of Japan relaxed their targeting of interest rates, allowing the 10-Year Japanese Government Bond to float to 0.50%, above the previous 0.25% level.
- The conflict in Ukraine continues to disrupt global energy markets, in addition to the ongoing humanitarian crisis. Energy costs remain elevated which could further negatively impact economic growth.
- Both US and international equity markets rebounded during the quarter on expectations that inflation would continue to moderate, which could lead central banks to begin the process of slowing the pace of monetary tightening. Value-oriented stocks outperformed growth stocks as investors remained concerned about the pace of future growth.
- Short-term interest rates rose across most developed markets as central banks continued to tighten. Despite concerns about the potential for slowing economic growth, lower quality corporate bonds outperformed higher quality government bonds and USD weakness acted as a tailwind for global bonds during the quarter.

- Equity markets moved higher during the 4th quarter, but it was not sufficient to offset prior quarter pullbacks. Factors that contributed to performance included declining inflation, expectations that the Fed would slow the pace of future interest rate increases, and expectations that China would begin to open its economy. For the period, the S&P 500 large cap benchmark returned 7.6%, compared to 9.2% for mid-cap and 6.2% for small cap benchmarks.
- Like domestic equities, developed markets international and emerging market equities delivered positive results for the 4th quarter. Europe continues to face headwinds from higher-than-expected inflation, elevated energy prices, geopolitical risks related to the conflict in Ukraine, and rising interest rates. Emerging markets were positively impacted by China's decision to loosen restrictions related to the pandemic. Importantly, global equities were positively impacted by a decline in the USD. For the quarter, the MSCI EAFE Index returned 17.3% while the MSCI Emerging Markets Index rose by 9.7%.
- For the quarter, performance of the bond market was broadly positive due to lower inflation and lower interest rate volatility. The Bloomberg (BB) US Aggregate Index returned 1.9%, for the period while investment grade corporate bonds posted a return of 3.6%.
- Performance for developed equity markets was strongly negative over the trailing 1-year period. The bellwether S&P 500 Index dropped -18.1% for the year. The primary drivers of return during the period were concerns related to rising inflation, tighter monetary policy from global central banks, and slowing global economic growth. The weakest relative performance outlier was the Russell 2000 Index which declined by -20.4% for the year.
- Over the trailing 1-year period, international markets declined similarly to domestic markets. The MSCI EAFE Index returned -14.5% while the MSCI Emerging Markets Index fell by -20.1%. Continued concerns related to Ukraine, elevated inflation, and slowing global economic growth negatively impacted markets. However, a weakening USD acted as a tailwind to international performance in the second half of the year.
- Bond market returns were widely negative over the trailing 1-year period due primarily to concerns about persistently high inflation and the expectation of higher future interest rates. US TIPS and mortgage-backed bonds were the least negative sectors with both returning -11.6% for the year. Investment grade corporate bonds suffered the year's largest loss, falling -15.8%.

Quarter Performance



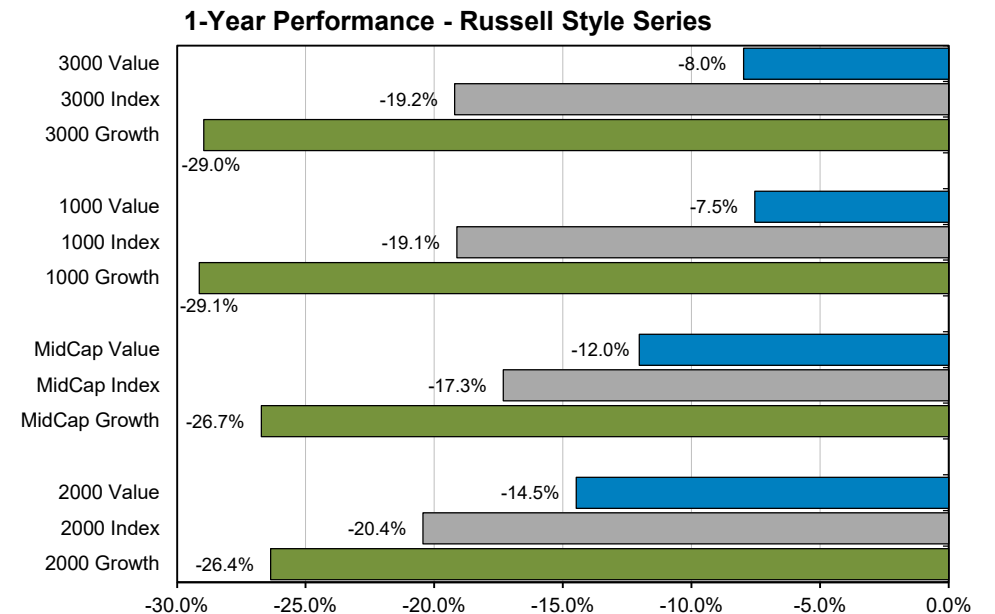
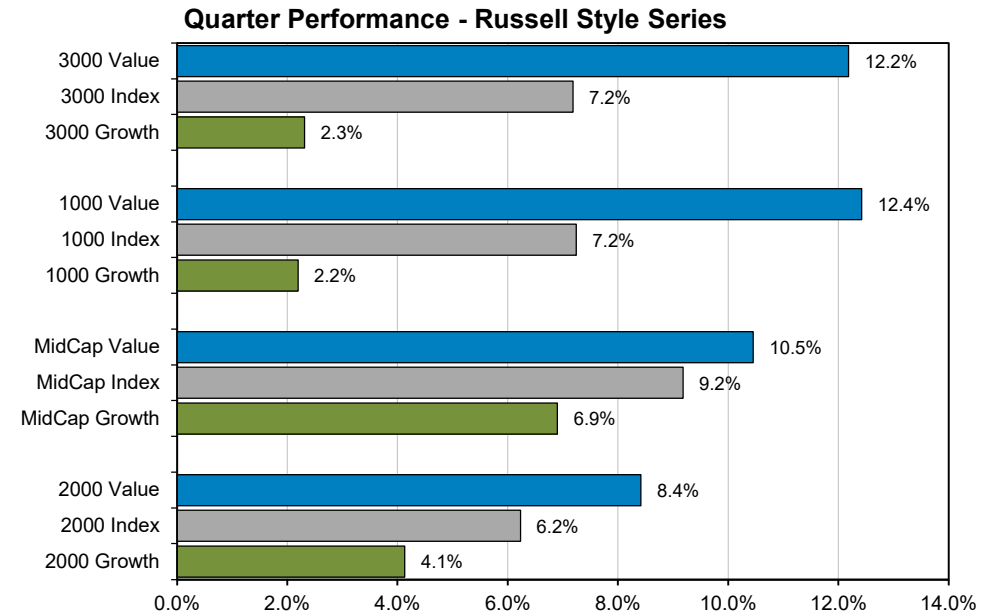
1-Year Performance



Source: Investment Metrics



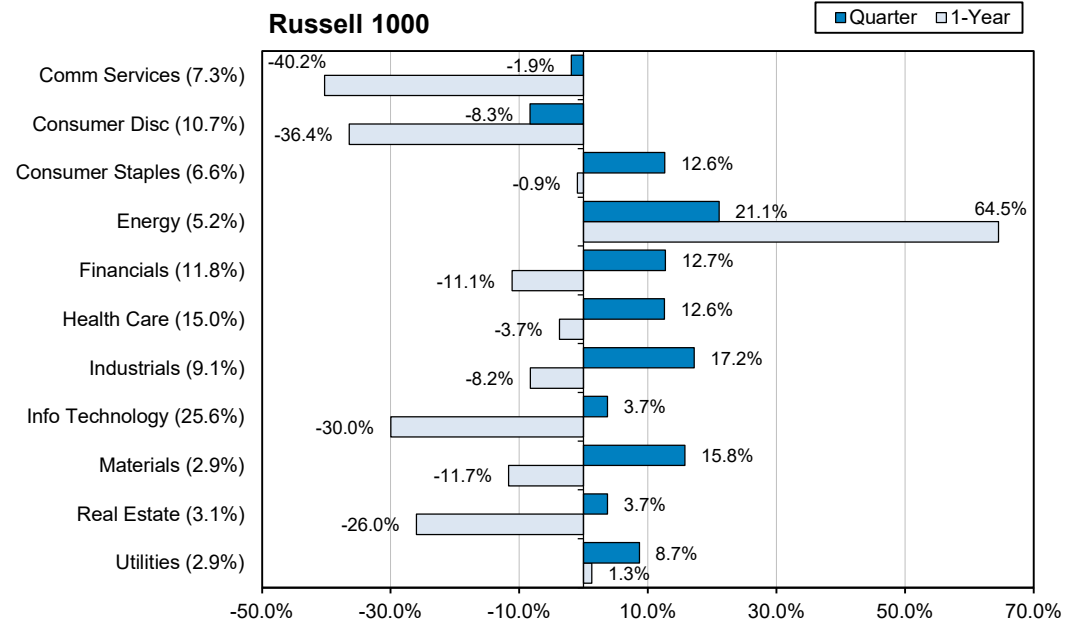
- Despite a pullback in December, equity markets broadly experienced strong absolute returns during the 4th quarter across both the style and market capitalization spectrums. With concerns about the potential for slowing economic conditions, large cap stocks resumed their leadership, followed by mid and small cap stocks. The Russell 1000 Value Index delivered 12.4% for the quarter, followed by while the Russell Mid Cap Value Index and the Russell 2000 Index, which rose by 10.5% and 8.4%, respectively.
- Performance across styles and market capitalizations was disparate during the quarter. Large, mid, and small cap value stocks all outperformed their growth counterparts. For the period, the Russell 1000 Value Index was the best relative performing style index, posting a return of 12.4%. Large and small cap growth stocks were the laggards during the period with the Russell Large Cap Growth Index and Russell 2000 Growth Index returning 2.2% and 4.1%, respectively.
- In contrast to the 4th quarter's positive performance, there was a wide range of negative results across market capitalizations over the trailing 1-year period. The Russell 2000 Index returned a disappointing -20.4% for the year, which underperformed both its large and mid cap index counterparts.
- There was also a wide performance dispersion across the style-based indexes for the year with growth stocks down significantly more than their value counterparts at all capitalization ranges. Within large cap stocks, the Russell 1000 Value Index returned -7.5% compared to much larger -29.1% decline for the Russell Large Cap Growth benchmark. The Russell Mid Cap Value Index returned -12.0% while the Russell 2000 Value Index returned -14.5% for the period. While these value benchmark results represented double-digit losses for the year, the Russell Mid Cap Growth Index fell a much larger -26.7% and the Russell 2000 Growth Index declined by a similar -26.4%.



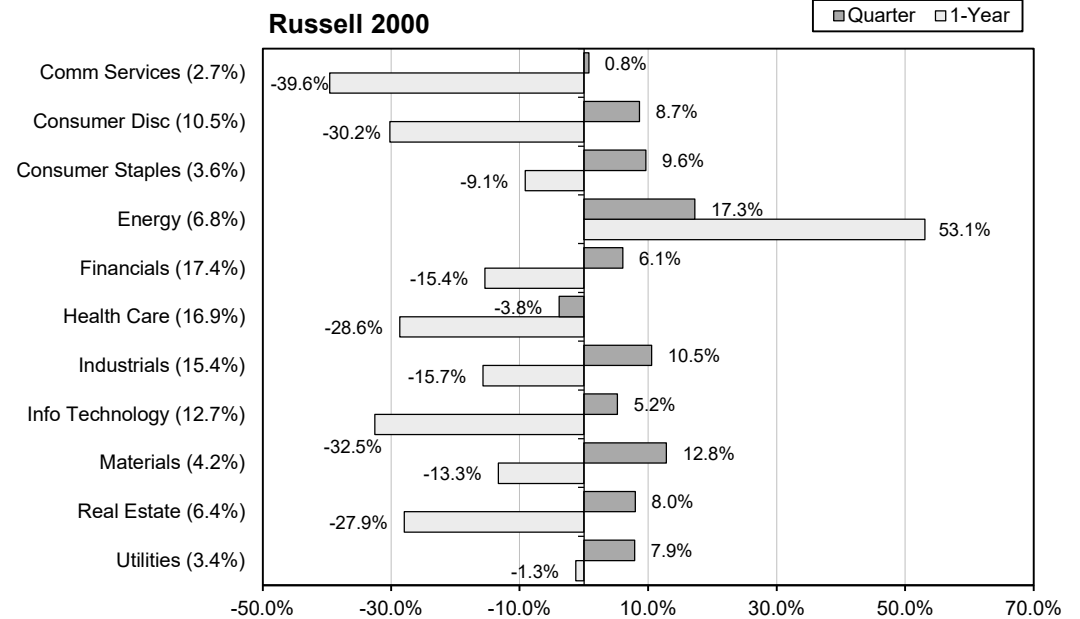
Source: Investment Metrics



- Economic sector performance was positive for nine of the eleven large cap economic sectors for the 4th quarter. Seven sectors outpaced the return of the broad index on a relative basis during the period.
- Energy continued its strong 2022 performance with a 4th quarter return of 21.1%. Other sectors that outpaced the headline index's return for the quarter included industrials (17.2%), materials (15.8%), financials (12.7%), healthcare (12.6%), consumer staples (12.6%), and utilities (8.7%). The real estate (3.7%), information technology (3.7%), communication services (-1.9%), and consumer discretionary (-8.3%) sectors all trailed the Russell 1000 Index return for the period.
- For the full year, seven economic sectors exceeded the return of the broad large cap benchmark but only the energy (64.5%) and utilities (1.3%) sectors managed to post positive, albeit vastly different, results. The weakest economic sector performance in the Russell 1000 for the year was communication services which declined by a staggering -40.2%.



- Ten small cap economic sectors posted positive returns during the quarter and seven exceeded the 6.2% return of the broader Russell 2000 Index. The energy (17.3%), materials (12.8%), and industrials (10.5%) sectors each posted double-digit positive results for the quarter. The only small cap economic sector that posted negative performance for the quarter was health care which fell by -3.8%.
- For the trailing 1-year period, six of the eleven economic sectors were down less than the broad small cap benchmark's return of -20.4%. Energy was the best performing and only positive economic sector for the year with a strong return of 53.1%. The utilities (-1.3%) and consumer staples (-9.1%) sectors were only small cap index segments to fall less than double-digit amounts for the year. The worst performing sector for the full year was communication services with a return of -39.6%. In addition, the information technology (-32.5%), consumer discretionary (-30.2%), health care (28.6%), and real estate (-27.9%) sectors all were down significantly for the year.



Source: Morningstar Direct



The Market Environment
Top 10 Index Weights & Quarterly Performance for the Russell 1000 & 2000
As of December 31, 2022

Top 10 Weighted Stocks				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Apple Inc	5.5%	-5.8%	-26.4%	Information Technology
Microsoft Corp	5.1%	3.3%	-28.0%	Information Technology
Amazon.com Inc	2.1%	-25.7%	-49.6%	Consumer Discretionary
Berkshire Hathaway Inc Class B	1.6%	15.7%	3.3%	Financials
Alphabet Inc Class A	1.5%	-7.8%	-39.1%	Communication Services
UnitedHealth Group Inc	1.4%	5.3%	7.0%	Health Care
Alphabet Inc Class C	1.3%	-7.7%	-38.7%	Communication Services
Johnson & Johnson	1.3%	8.8%	6.0%	Health Care
Exxon Mobil Corp	1.3%	27.4%	87.4%	Energy
JPMorgan Chase & Co	1.1%	29.5%	-12.6%	Financials

Top 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Horizon Therapeutics PLC	0.1%	83.9%	5.6%	Health Care
Burlington Stores Inc	0.0%	81.2%	-30.4%	Consumer Discretionary
Halliburton Co	0.1%	60.4%	74.5%	Energy
Universal Health Services Inc Class B	0.0%	60.0%	9.4%	Health Care
PVH Corp	0.0%	57.7%	-33.7%	Consumer Discretionary
Spectrum Brands Holdings Inc	0.0%	57.4%	-38.6%	Consumer Staples
Boeing Co	0.3%	57.3%	-5.4%	Industrials
Under Armour Inc A	0.0%	52.8%	-52.1%	Consumer Discretionary
Exact Sciences Corp	0.0%	52.4%	-36.4%	Health Care
Moderna Inc	0.2%	51.9%	-29.3%	Health Care

Bottom 10 Performing Stocks (by Quarter)				
Russell 1000	Weight	1-Qtr Return	1-Year Return	Sector
Carvana Co Class A	0.0%	-76.7%	-98.0%	Consumer Discretionary
Opendoor Technologies Inc Class A	0.0%	-62.7%	-92.1%	Real Estate
Tesla Inc	0.9%	-53.6%	-65.0%	Consumer Discretionary
Lucid Group Inc Shs	0.0%	-51.1%	-82.1%	Consumer Discretionary
Guardant Health Inc	0.0%	-49.5%	-72.8%	Health Care
Affirm Holdings Inc - Class A	0.0%	-48.5%	-90.4%	Information Technology
WeWork Inc	0.0%	-46.0%	-83.4%	Real Estate
AppLovin Corp - Class A	0.0%	-46.0%	-88.8%	Information Technology
Ginkgo Bioworks Holdings Inc	0.0%	-45.8%	-79.7%	Materials
Olaplex Holdings Inc	0.0%	-45.5%	-82.1%	Consumer Staples

Top 10 Weighted Stocks				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Halozyne Therapeutics Inc	0.3%	43.9%	41.5%	Health Care
ShockWave Medical Inc	0.3%	-26.1%	15.3%	Health Care
Inspire Medical Systems Inc	0.3%	42.0%	9.5%	Health Care
EMCOR Group Inc	0.3%	28.4%	16.8%	Industrials
Crocs Inc	0.3%	57.9%	-15.4%	Consumer Discretionary
Matador Resources Co	0.3%	17.2%	55.9%	Energy
Iridium Communications Inc	0.3%	15.8%	24.5%	Communication Services
Murphy Oil Corp	0.3%	22.9%	68.3%	Energy
Agree Realty Corp	0.3%	6.0%	3.5%	Real Estate
Texas Roadhouse Inc	0.3%	4.7%	4.1%	Consumer Discretionary

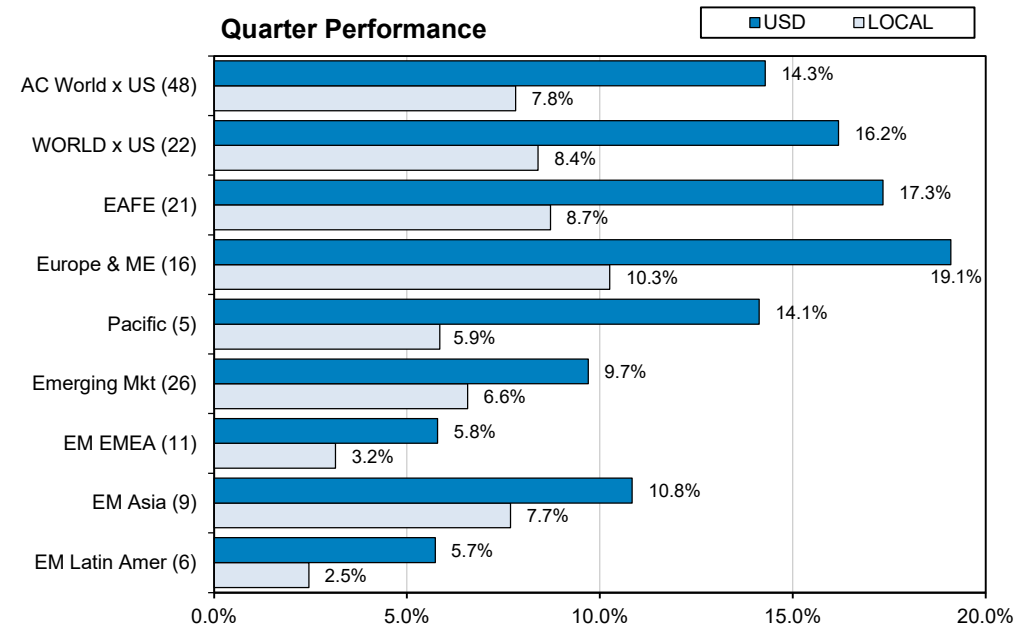
Top 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Madrigal Pharmaceuticals Inc	0.2%	346.6%	242.5%	Health Care
Immunovant Inc	0.0%	218.1%	108.3%	Health Care
Rayonier Advanced Materials Inc	0.0%	204.8%	68.1%	Materials
Maxar Technologies Inc	0.2%	176.5%	75.5%	Industrials
4D Molecular Therapeutics Inc	0.0%	176.2%	1.2%	Health Care
Icosavax Inc	0.0%	151.3%	-65.3%	Health Care
Imago BioSciences Inc	0.0%	138.9%	51.6%	Health Care
Provention Bio Inc	0.0%	134.9%	88.1%	Health Care
Biohaven Ltd	0.0%	120.3%	N/A	Health Care
Oceaneering International Inc	0.1%	119.7%	54.6%	Energy

Bottom 10 Performing Stocks (by Quarter)				
Russell 2000	Weight	1-Qtr Return	1-Year Return	Sector
Tricida Inc	0.0%	-98.5%	-98.4%	Health Care
Relmada Therapeutics Inc	0.0%	-90.6%	-84.5%	Health Care
Avaya Holdings Corp	0.0%	-87.7%	-99.0%	Information Technology
Instil Bio Inc	0.0%	-87.0%	-96.3%	Health Care
Greenidge Generation Holdings Inc.	0.0%	-85.5%	-98.2%	Information Technology
Eiger BioPharmaceuticals Inc	0.0%	-84.3%	-77.3%	Health Care
Cano Health Inc - Class A	0.0%	-84.2%	-84.6%	Health Care
Gossamer Bio Inc	0.0%	-81.9%	-80.8%	Health Care
Rockley Photonics Holdings Ltd	0.0%	-80.3%	-96.8%	Information Technology
Boxed Inc	0.0%	-78.9%	-98.6%	Consumer Discretionary

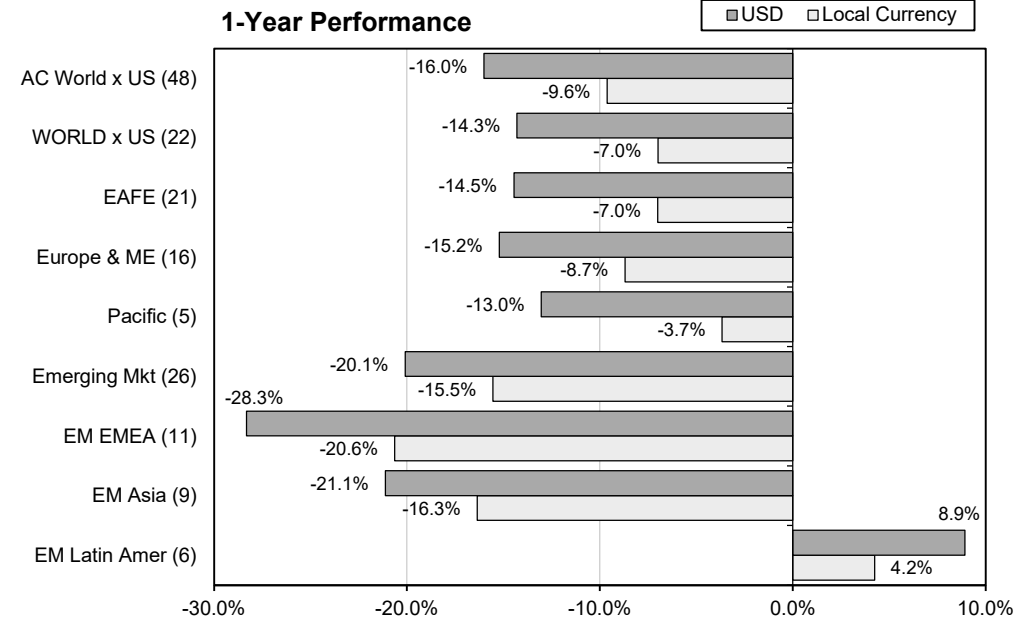
Source: Morningstar Direct



- Each of the developed and emerging market international equity indexes tracked in the chart posted positive returns in both US dollar (USD) and local currency (LC) terms for the 4th quarter. A weaker USD acted as a tailwind for non-US index performance during the quarter. Higher energy prices and the reopening of China also drove performance, especially in emerging markets. The developed market MSCI EAFE Index returned a strong 17.3% in USD and 8.7% in LC terms for the period, and the MSCI Emerging Markets Index rose by 9.7% in USD and 6.6% in LC terms.



- The trailing 1-year results for international developed and emerging markets were negative across most regions and currencies. The MSCI EAFE Index returned -14.5% in USD for the year and -7.0% in LC terms. Similarly, returns across emerging markets were broadly lower except for Latin America which returned 8.9% in USD and 4.2% in LC terms. The MSCI Emerging Markets Index declined by -20.1% in USD and -15.5% in LC terms for the year. Performance in the EMEA regional benchmark significantly detracted from emerging market index performance with the EMEA Index posting returns of -28.3% in USD and -20.6% in LC terms.



Source: MSCI Global Index Monitor (Returns are Net)



The Market Environment
US Dollar International Index Attribution & Country Detail
As of December 31, 2022

MSCI - EAFE	Sector Weight	Quarter Return	1-Year Return
Communication Services	7.8%	10.1%	-16.8%
Consumer Discretionary	5.0%	17.8%	-22.4%
Consumer Staples	18.7%	10.6%	-13.0%
Energy	4.5%	19.8%	27.7%
Financials	15.1%	23.9%	-4.6%
Health Care	13.6%	14.2%	-11.0%
Industrials	10.5%	19.0%	-20.6%
Information Technology	7.8%	14.9%	-32.4%
Materials	11.1%	20.7%	-10.3%
Real Estate	3.5%	11.0%	-20.9%
Utilities	2.6%	19.4%	-12.4%
Total	100.0%	17.3%	-14.5%

MSCI - ACWixUS	Sector Weight	Quarter Return	1-Year Return
Communication Services	8.4%	12.0%	-21.6%
Consumer Discretionary	6.0%	14.7%	-21.7%
Consumer Staples	21.0%	9.8%	-11.9%
Energy	5.9%	13.3%	8.1%
Financials	12.3%	15.6%	-7.3%
Health Care	9.8%	14.1%	-12.9%
Industrials	8.9%	17.3%	-18.4%
Information Technology	10.8%	13.5%	-34.5%
Materials	11.4%	16.6%	-11.2%
Real Estate	3.4%	10.4%	-20.6%
Utilities	2.3%	13.0%	-11.1%
Total	100.0%	14.3%	-16.0%

MSCI - Emerging Mkt	Sector Weight	Quarter Return	1-Year Return
Communication Services	8.9%	58.8%	1.8%
Consumer Discretionary	4.9%	46.2%	5.6%
Consumer Staples	22.1%	77.4%	48.9%
Energy	9.9%	92.9%	40.2%
Financials	6.1%	44.6%	24.5%
Health Care	4.1%	53.5%	3.8%
Industrials	6.4%	49.7%	18.8%
Information Technology	18.6%	9.8%	-34.7%
Materials	14.1%	45.6%	10.6%
Real Estate	3.0%	13.8%	-15.4%
Utilities	1.9%	38.8%	26.8%
Total	100.0%	9.7%	-20.1%

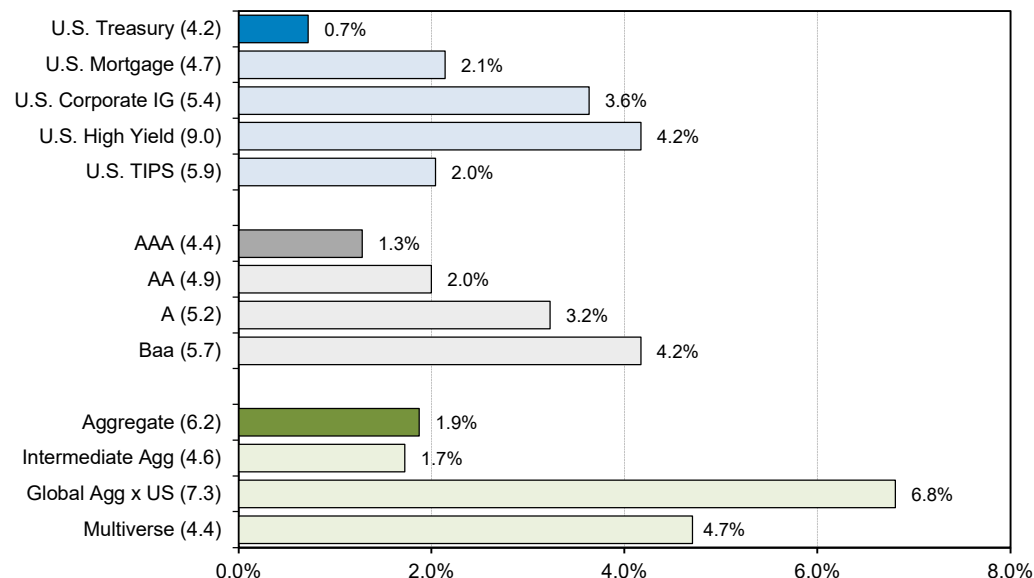
Country	MSCI-EAFE Weight	MSCI-ACWixUS Weight	Quarter Return	1-Year Return
Japan	21.9%	14.0%	13.2%	-16.6%
United Kingdom	15.3%	9.8%	17.0%	-4.8%
France	11.8%	7.6%	22.2%	-13.3%
Switzerland	10.1%	6.5%	10.4%	-18.3%
Australia	7.9%	5.1%	15.7%	-5.3%
Germany	8.2%	5.2%	24.6%	-22.3%
Netherlands	4.3%	2.7%	21.0%	-27.7%
Sweden	3.3%	2.1%	18.1%	-28.4%
Hong Kong	3.0%	1.9%	18.2%	-4.7%
Denmark	3.0%	1.9%	31.6%	-4.8%
Spain	2.4%	1.5%	22.9%	-7.3%
Italy	2.3%	1.5%	26.4%	-14.4%
Singapore	1.5%	1.0%	10.5%	-11.0%
Belgium	1.0%	0.7%	22.6%	-12.5%
Finland	1.0%	0.7%	16.3%	-15.3%
Norway	0.8%	0.5%	16.9%	-7.0%
Israel	0.7%	0.5%	0.4%	-26.7%
Ireland	0.7%	0.4%	21.5%	-26.2%
Portugal	0.2%	0.1%	17.2%	0.2%
Austria	0.2%	0.1%	31.1%	-26.4%
New Zealand	0.2%	0.1%	24.5%	-13.6%
Total EAFE Countries	100.0%	63.9%	17.3%	-14.5%
Canada		7.7%	7.4%	-12.9%
Total Developed Countries		71.6%	16.2%	-14.3%
China		9.2%	13.5%	-21.9%
Taiwan		3.9%	9.6%	-29.8%
India		4.1%	2.0%	-8.0%
Korea		3.2%	18.1%	-29.4%
Brazil		1.5%	2.4%	14.2%
Saudi Arabia		1.2%	-7.4%	-5.1%
South Africa		1.0%	18.3%	-3.9%
Mexico		0.6%	12.5%	-2.0%
Thailand		0.6%	16.1%	5.0%
Indonesia		0.5%	-3.6%	3.6%
Malaysia		0.4%	14.0%	-5.8%
United Arab Emirates		0.4%	-1.5%	-6.2%
Qatar		0.3%	-15.3%	-6.9%
Kuwait		0.3%	5.7%	10.1%
Philippines		0.2%	21.1%	-13.9%
Poland		0.2%	47.7%	-27.2%
Chile		0.2%	6.2%	19.4%
Turkey		0.2%	62.9%	90.4%
Peru		0.1%	17.4%	9.4%
Greece		0.1%	29.1%	0.3%
Colombia		0.0%	19.7%	-6.0%
Czech Republic		0.0%	6.5%	-14.4%
Hungary		0.1%	36.3%	-31.1%
Egypt		0.0%	28.5%	-22.6%
Total Emerging Countries		28.4%	9.7%	-20.1%
Total ACWixUS Countries		100.0%	14.3%	-16.0%

Source: Morningstar Direct, MSCI Global Index Monitor (Returns are Net in USD)

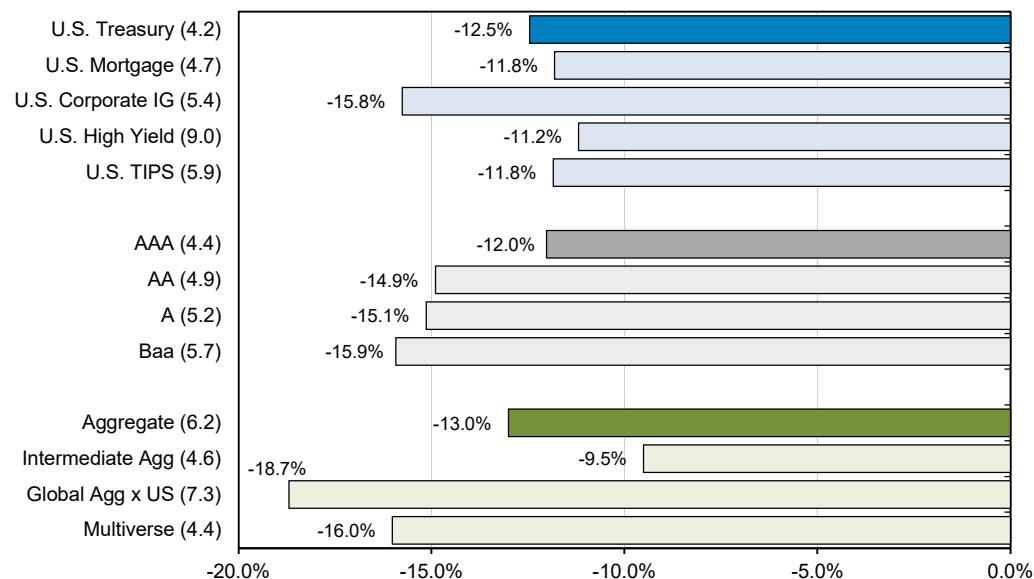


- After an extremely challenging year in fixed income markets, the 4th quarter's positive bond benchmark results were a welcome relief. Despite two rate increases during the quarter, bond performance was aided by lower investor concerns about rising inflation as US CPI declined. This was reflected in both intermediate and long-term interest rates which remained relatively stable during the quarter.
- The return for the BB US Aggregate Bond Index, the bellwether US investment grade benchmark, rose by 1.9% for the period.
- Performance across the investment grade index's segments was also positive during the period with the US Corporate Investment Grade Index returning 3.6% and the US Mortgage Index component posting a return of 2.1%.
- High yield bonds outperformed their investment grade counterparts, surging 4.2% during the quarter. US TIPS, which have delivered strong performance in recent periods, rose by 2.0% as investors' expectations of future inflation declined.
- Outside of domestic markets, the Bloomberg Global Aggregate ex US Index posted a strong return of 6.8% for the quarter. Like domestic bonds, global bond index performance was positively impacted declining inflation, but the benchmark also received a boost from the decline in the USD for the quarter.
- Over the trailing 1-year period, the bellwether BB US Aggregate Bond Index declined by -13.0% and each of the benchmark's components fell by more than -10%. US TIPS, which are excluded from the bellwether index, dropped by -11.8% for the year.
- Lower quality high yield corporate bonds were down less than their investment grade counterparts on a relative basis with the Bloomberg US High Yield Index posting still discouraging return of -11.2% for the period.
- Performance for non-US bonds was also strongly negative for the year with the developed market Bloomberg Global Aggregate ex US Index falling by -18.7%. The combination of rising interest rates overseas, elevated inflation, geopolitical risks, and USD strength earlier in the year hindered non-US index performance.

Quarter Performance



1-Year Performance

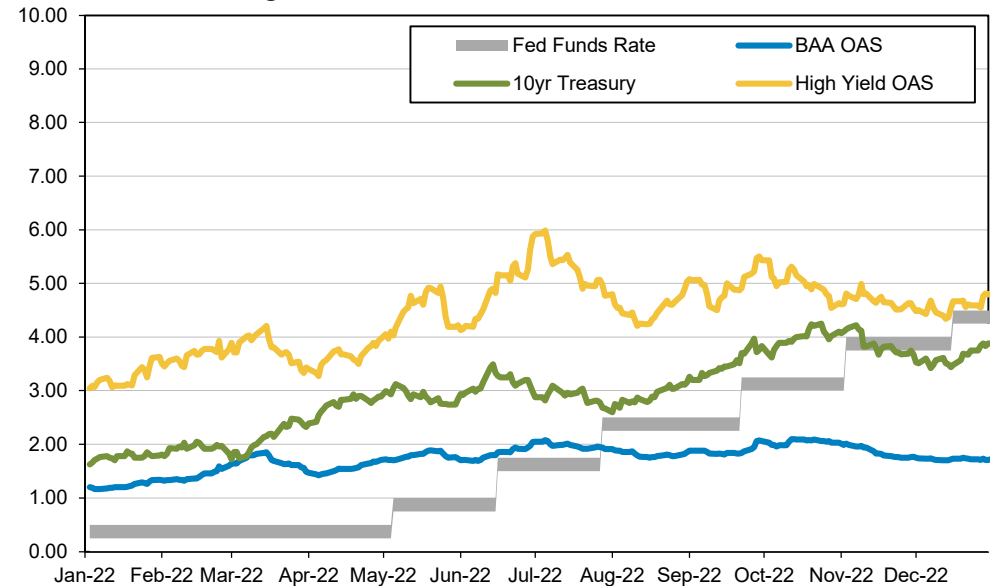


Source: Bloomberg

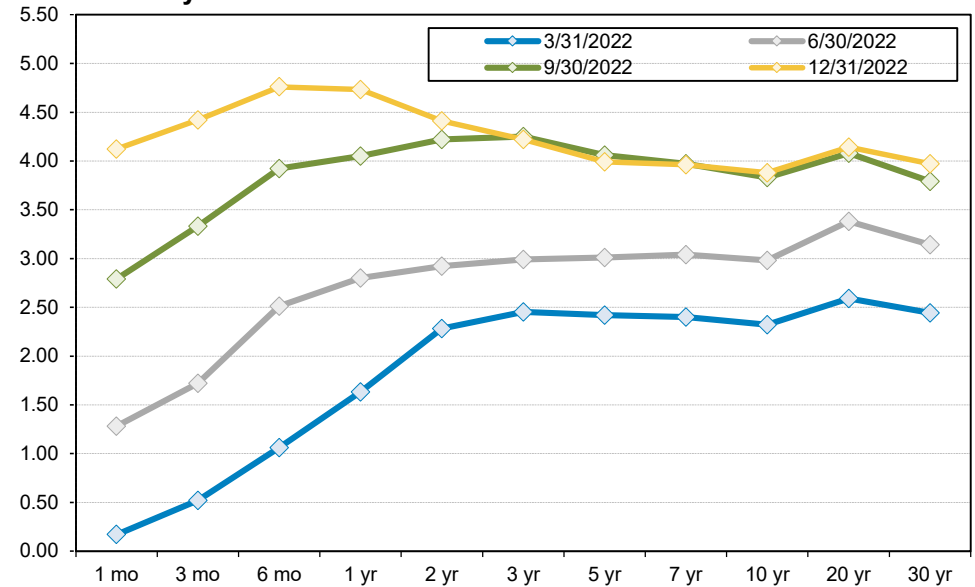


- The gray band across the graph illustrates the range of the current Fed Funds Rate. In the 4th quarter this year, the Fed raised the lower end of its target rate range from 3.00% to 4.25% through a 0.75% increase in November and a 0.50% increase in December. During its December meeting, the Federal Open Market Committee (FOMC) stated it intends to monitor economic growth closely and will continue to raise interest rates to fight inflation if needed. The FOMC also stated that it would continue its policy of removing liquidity from the market by allowing bonds held on its balance sheet to mature without reinvesting those proceeds.
- The yield on the US 10-year Treasury (green line) ended the period slightly higher as concerns over the pace of inflation, combined with the Fed's announced rate increase, drove yields. The closing yield on the 10-Year Treasury was 3.88% at year-end, an increase of 0.08% from its 3rd quarter closing yield. The benchmark's rate peaked in October, reaching a high of roughly 4.25% before declining to end the quarter.
- The blue line illustrates changes in the BAA OAS (Option Adjusted Spread). This measure quantifies the additional yield premium that investors require to purchase and hold non-US Treasury investment grade issues. For the full year, the spread widened slightly from 1.17% to 1.72%. High Yield OAS spreads rose from roughly 3.05% at the beginning of the year to 4.81% at year-end. During 2022, high yield spreads reached a level of 5.80% in early July before trading lower the remainder of the year.
- The lower graph provides a snapshot of the US Treasury yield curve at the end of each of the last four quarters. Short-term rates continued to rise during the 4th quarter as the FOMC increased interest rates twice to combat elevated inflation. Despite these short-term rate increases, both intermediate and longer-term rates remained largely unchanged during the quarter. The yield curve remained inverted between 2-year and 10-year rates. Said differently, the short-term rate was higher than the long-term rate. Historically, a persistent inversion of these two key rates has been an indication of a future recession withing 6- to 24-months.

1-Year Trailing Market Rates



Treasury Yield Curve



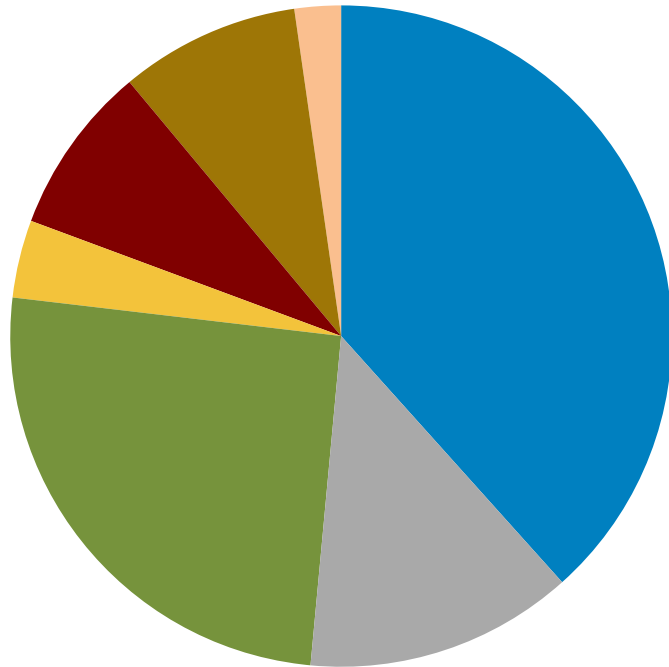
Source: US Department of Treasury, FRED (Federal Reserve of St. Louis)



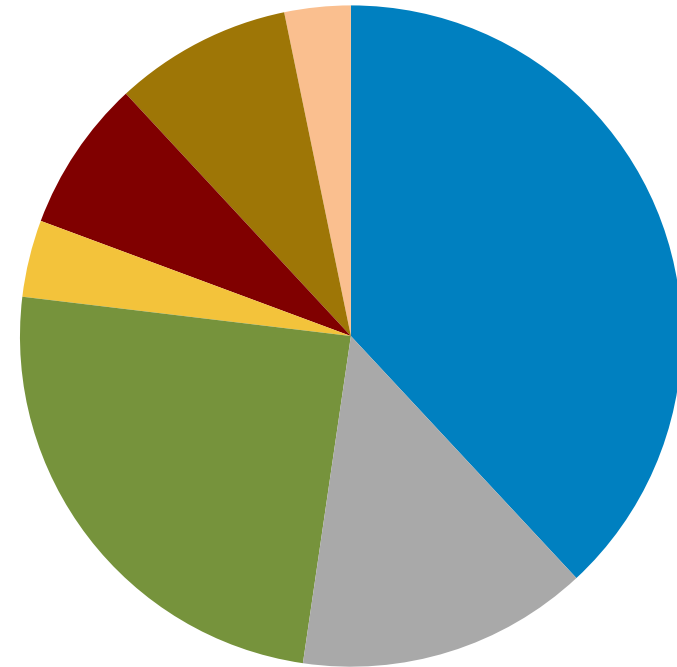
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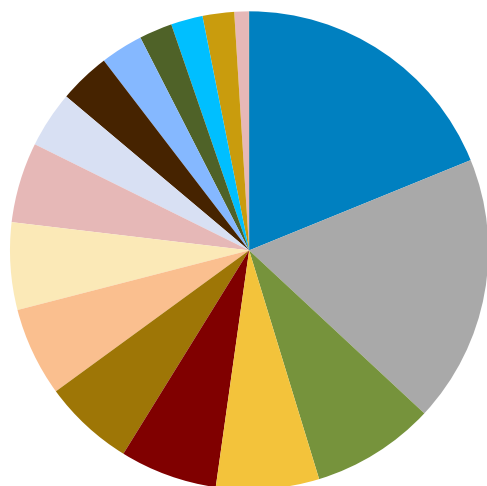
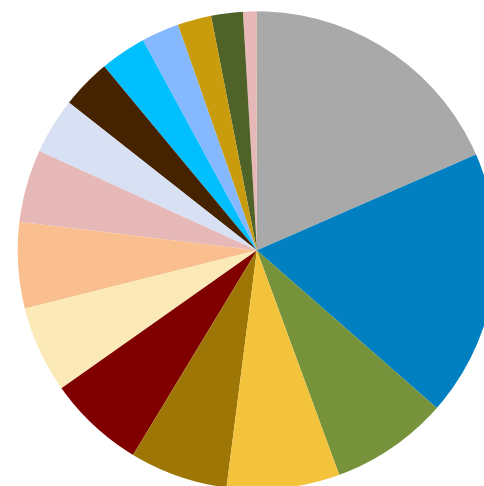
Asset Allocation By Segment as of
September 30, 2022 : \$49,712,095



Asset Allocation By Segment as of
December 31, 2022 : \$52,530,971

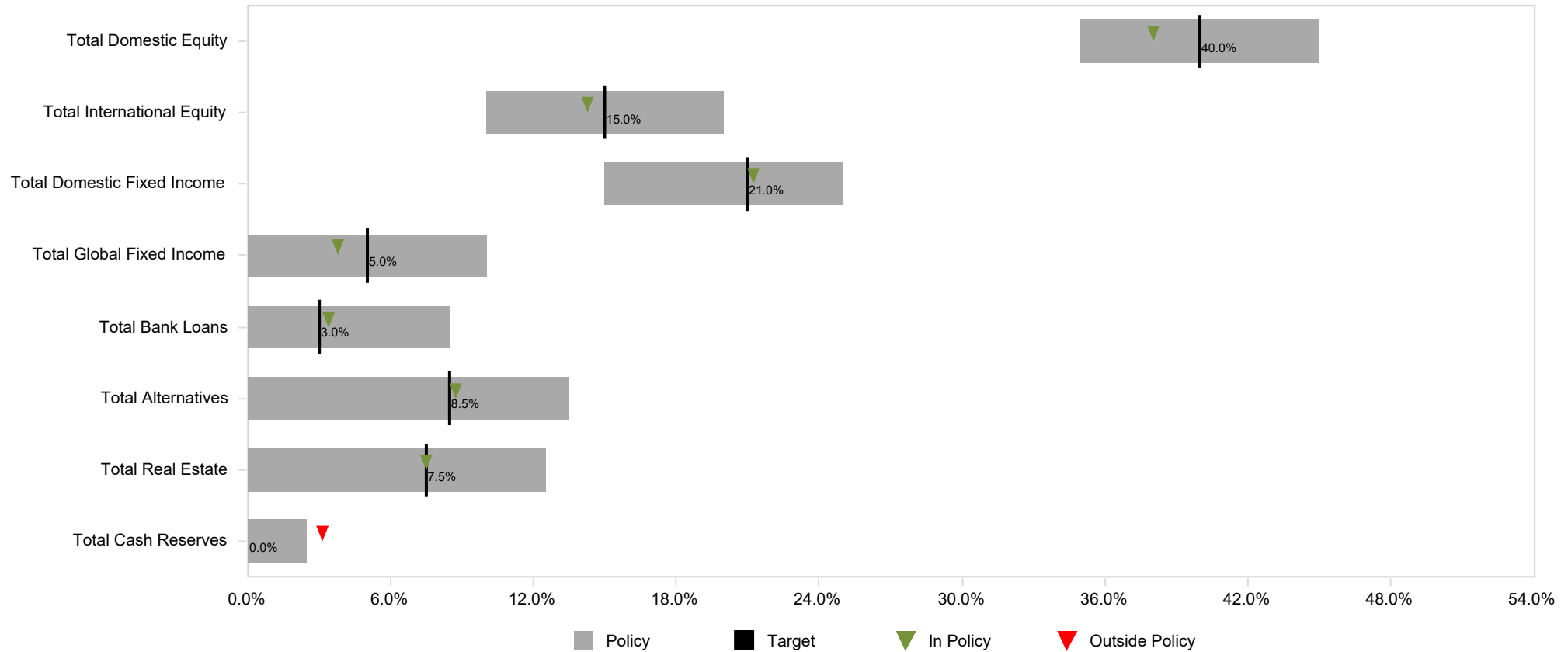


Allocation			Allocation		
Segments	Market Value	Allocation	Segments	Market Value	Allocation
Domestic Equity	19,070,511	38.4	Domestic Equity	19,997,460	38.1
International Equity	6,519,937	13.1	International Equity	7,487,147	14.3
Domestic Fixed Income	12,621,180	25.4	Domestic Fixed Income	12,911,147	24.6
Global Fixed Income	1,888,852	3.8	Global Fixed Income	1,977,868	3.8
Real Estate	4,116,711	8.3	Real Estate	3,905,683	7.4
Tactical Strategies	4,366,457	8.8	Tactical Strategies	4,552,094	8.7
Cash Equivalent	1,128,448	2.3	Cash Equivalent	1,699,572	3.2

Asset Allocation By Manager as of
September 30, 2022 : \$49,712,095Asset Allocation By Manager as of
December 31, 2022 : \$52,530,971

Allocation			Allocation		
	Market Value	Allocation		Market Value	Allocation
Dodge & Cox Income Fund (DODIX)	9,361,684	18.8	Vanguard Index 500 (VFIAX)	9,678,277	18.4
Vanguard Index 500 (VFIAX)	8,999,135	18.1	Dodge & Cox Income Fund (DODIX)	9,470,960	18.0
Brandywine Global Dynamic US LCV (DVAL)	4,147,522	8.3	Brandywine Global Dynamic US LCV (DVAL)	4,180,117	8.0
Vanguard International Value (VTRIX)	3,458,682	7.0	Vanguard International Value (VTRIX)	4,003,911	7.6
Blackrock Multi-Asset Income (BKMIX)	3,271,472	6.6	American Funds EuroPacific Gr R6 (RERGX)	3,483,236	6.6
American Funds EuroPacific Gr R6 (RERGX)	3,061,255	6.2	Blackrock Multi-Asset Income (BKMIX)	3,444,425	6.6
Fidelity Lg Cap Growth (FSPGX)	2,991,289	6.0	Vanguard Extended Market (VEXAX)	3,082,494	5.9
Vanguard Extended Market (VEXAX)	2,932,565	5.9	Fidelity Lg Cap Growth (FSPGX)	3,056,572	5.8
ASB (Real Estate)	2,700,242	5.4	ASB (Real Estate)	2,585,377	4.9
PIMCO Diversified Income Fund (PDIIX)	1,896,170	3.8	PIMCO Diversified Income Fund (PDIIX)	1,986,292	3.8
Pacific Life Fltg Rate Income (PLFRX)	1,724,419	3.5	Pacific Life Fltg Rate Income (PLFRX)	1,771,574	3.4
Principal Enhanced Property Fund	1,429,486	2.9	Portfolio Cash Position	1,638,915	3.1
PIMCO TacOps Fund (TS)	1,110,674	2.2	Principal Enhanced Property Fund	1,333,508	2.5
Portfolio Cash Position	1,072,261	2.2	Golub Capital 14	1,200,000	2.3
Golub Capital 14	1,058,345	2.1	PIMCO TacOps Fund (TS)	1,125,065	2.1
Crescent Direct Lending Fund	486,236	1.0	Crescent Direct Lending Fund	481,249	0.9
Frost Bank Cash	10,657	0.0	Frost Bank Cash	8,999	0.0

Allocation Summary



Asset Allocation Compliance

	Asset Allocation \$	Current Allocation (%)	Minimum Allocation (%)	Target Allocation (%)	Maximum Allocation (%)	Target Rebal. (\$)	Differences (%)
Total Fund	52,530,971	100.0		100.0		-	0.0
Total Domestic Equity	19,997,460	38.1	35.0	40.0	45.0	1,014,929	-1.9
Total International Equity	7,487,147	14.3	10.0	15.0	20.0	392,499	-0.7
Total Domestic Fixed Income	11,152,209	21.2	15.0	21.0	25.0	-120,705	0.2
Total Global Fixed Income	1,986,292	3.8	0.0	5.0	10.0	640,257	-1.2
Total Bank Loans	1,771,574	3.4	0.0	3.0	8.5	-195,645	0.4
Total Alternatives	4,569,490	8.7	0.0	8.5	13.5	-104,358	0.2
Total Real Estate	3,918,885	7.5	0.0	7.5	12.5	20,938	0.0
Total Cash Reserves	1,647,914	3.1	0.0	0.0	2.5	-1,647,914	3.1



Killeen Firefighters' Relief and Retirement Fund

Financial Reconciliation

1 Quarter Ending December 31, 2022

Financial Reconciliation Quarter to Date									
	Market Value 10/01/2022	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2022
Total Equity	25,590,448	-548,756	-	-	-	-	306,235	2,136,679	27,484,606
Total Domestic Equity	19,070,511	-548,756	-	-	-	-	148,522	1,327,183	19,997,460
Vanguard Index 500 (VFIAX)	8,999,135	-	-	-	-	-	45,604	633,538	9,678,277
Fidelity Lg Cap Growth (FSPGX)	2,991,289	-	-	-	-	-	20,418	44,865	3,056,572
Brandywine Global Dynamic US LCV (DVAL)	4,147,522	-548,756	-	-	-	-	66,853	514,497	4,180,117
Vanguard Extended Market (VEXAX)	2,932,565	-	-	-	-	-	15,647	134,283	3,082,494
Total International Equity	6,519,937	-	-	-	-	-	157,713	809,497	7,487,147
Vanguard International Value (VTRIX)	3,458,682	-	-	-	-	-	107,096	438,133	4,003,911
American Funds EuroPacific Gr R6 (RERGX)	3,061,255	-	-	-	-	-	50,617	371,364	3,483,236
Total Fixed Income	14,526,855	-13,332	-	-	-	-	146,032	250,521	14,910,075
Total Domestic Fixed Income	10,906,265	-13,332	-	-	-	-	77,836	181,440	11,152,209
Dodge & Cox Income Fund (DODIX)	9,361,684	-150,000	-	-	-	-	77,836	181,440	9,470,960
*Crescent Direct Lending Fund	486,236	-4,987	-	-	-	-	-	-	481,249
*Golub Capital 14	1,058,345	141,655	-	-	-	-	-	-	1,200,000
Total Global Fixed Income	1,896,170	-	-	-	-	-	34,271	55,850	1,986,292
PIMCO Diversified Income Fund (PDIIX)	1,896,170	-	-	-	-	-	34,271	55,850	1,986,292
Total Bank Loans	1,724,419	-	-	-	-	-	33,924	13,230	1,771,574
Pacific Life Fltg Rate Income (PLFRX)	1,724,419	-	-	-	-	-	33,924	13,230	1,771,574
Total Alternatives	4,382,146	-	-	-	-	-	52,085	135,260	4,569,490
Total Tactical Strategies	4,382,146	-	-	-	-	-	52,085	135,260	4,569,490
PIMCO TacOps Fund (TS)	1,110,674	-	-	-	-	-	-	14,392	1,125,065
Blackrock Multi-Asset Income (BKMIX)	3,271,472	-	-	-	-	-	52,085	120,868	3,444,425
Total Real Estate	4,129,728	-	-	-	-11,483	-	17,637	-216,998	3,918,885
ASB (Real Estate)	2,700,242	-	-	-	-6,480	-	17,453	-125,839	2,585,377
Principal Enhanced Property Fund	1,429,486	-	-	-	-5,003	-	183	-91,158	1,333,508
Total Cash Reserves	1,082,918	562,088	412	-	-	-7,521	10,420	-402	1,647,914
Portfolio Cash Position	1,072,261	562,088	412	-	-	-5,864	10,420	-402	1,638,915
Frost Bank Cash	10,657	-	-	-	-	-1,657	-	-	8,999
Total Fund	49,712,095	-	412	-	-11,483	-7,521	532,408	2,305,059	52,530,971

*Market Value information is provided quarterly and reflects data as of the prior quarter end.



Killeen Firefighters' Relief and Retirement Fund

Financial Reconciliation

October 1, 2022 To December 31, 2022

Financial Reconciliation Fiscal Year to Date									
	Market Value 10/01/2022	Net Transfers	Contributions	Distributions	Management Fees	Other Expenses	Income	Apprec./ Deprec.	Market Value 12/31/2022
Total Equity	25,590,448	-548,756	-	-	-	-	306,235	2,136,679	27,484,606
Total Domestic Equity	19,070,511	-548,756	-	-	-	-	148,522	1,327,183	19,997,460
Vanguard Index 500 (VFIAX)	8,999,135	-	-	-	-	-	45,604	633,538	9,678,277
Fidelity Lg Cap Growth (FSPGX)	2,991,289	-	-	-	-	-	20,418	44,865	3,056,572
Brandywine Global Dynamic US LCV (DVAL)	4,147,522	-548,756	-	-	-	-	66,853	514,497	4,180,117
Vanguard Extended Market (VEXAX)	2,932,565	-	-	-	-	-	15,647	134,283	3,082,494
Total International Equity	6,519,937	-	-	-	-	-	157,713	809,497	7,487,147
Vanguard International Value (VTRIX)	3,458,682	-	-	-	-	-	107,096	438,133	4,003,911
American Funds EuroPacific Gr R6 (RERGX)	3,061,255	-	-	-	-	-	50,617	371,364	3,483,236
Total Fixed Income	14,526,855	-13,332	-	-	-	-	146,032	250,521	14,910,075
Total Domestic Fixed Income	10,906,265	-13,332	-	-	-	-	77,836	181,440	11,152,209
Dodge & Cox Income Fund (DODIX)	9,361,684	-150,000	-	-	-	-	77,836	181,440	9,470,960
*Crescent Direct Lending Fund	486,236	-4,987	-	-	-	-	-	-	481,249
*Golub Capital 14	1,058,345	141,655	-	-	-	-	-	-	1,200,000
Total Global Fixed Income	1,896,170	-	-	-	-	-	34,271	55,850	1,986,292
PIMCO Diversified Income Fund (PDIIX)	1,896,170	-	-	-	-	-	34,271	55,850	1,986,292
Total Bank Loans	1,724,419	-	-	-	-	-	33,924	13,230	1,771,574
Pacific Life Fltg Rate Income (PLFRX)	1,724,419	-	-	-	-	-	33,924	13,230	1,771,574
Total Alternatives	4,382,146	-	-	-	-	-	52,085	135,260	4,569,490
Total Tactical Strategies	4,382,146	-	-	-	-	-	52,085	135,260	4,569,490
PIMCO TacOps Fund (TS)	1,110,674	-	-	-	-	-	-	14,392	1,125,065
Blackrock Multi-Asset Income (BKMIX)	3,271,472	-	-	-	-	-	52,085	120,868	3,444,425
Total Real Estate	4,129,728	-	-	-	-11,483	-	17,637	-216,998	3,918,885
ASB (Real Estate)	2,700,242	-	-	-	-6,480	-	17,453	-125,839	2,585,377
Principal Enhanced Property Fund	1,429,486	-	-	-	-5,003	-	183	-91,158	1,333,508
Total Cash Reserves	1,082,918	562,088	412	-	-	-7,521	10,420	-402	1,647,914
Portfolio Cash Position	1,072,261	562,088	412	-	-	-5,864	10,420	-402	1,638,915
Frost Bank Cash	10,657	-	-	-	-	-1,657	-	-	8,999
Total Fund	49,712,095	-	412	-	-11,483	-7,521	532,408	2,305,059	52,530,971

*Market Value information is provided quarterly and reflects data as of the prior quarter end.



Asset Allocation & Performance
Total Fund (Gross of Fees) Trailing
As of December 31, 2022

Asset Allocation & Performance

	Allocation		Performance(%)									Inception Date
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	7 YR	10 YR	Inception		
Total Fund (Gross of Fees)	52,530,971	100.0	5.72	5.72	-13.85	3.87	5.35	7.28	6.16	6.26	01/01/2010	
Total Fund IPS Benchmark			5.66	5.66	-14.26	3.49	5.00	6.77	6.58	6.89		
Difference			0.06	0.06	0.41	0.38	0.35	0.51	-0.42	-0.63		
Total Fund (Net of Fees)	52,530,971	100.0	5.70 (55)	5.70 (55)	-13.92 (47)	3.77 (39)	5.24 (36)	7.17 (23)	6.03 (84)	6.09 (92)	01/01/2010	
Total Fund IPS Benchmark			5.66 (55)	5.66 (55)	-14.26 (52)	3.49 (49)	5.00 (47)	6.77 (42)	6.58 (66)	6.89 (63)		
Difference			0.04	0.04	0.34	0.28	0.24	0.40	-0.55	-0.80		
All Public Plans-Total Fund Median			5.86	5.86	-14.17	3.47	4.90	6.60	6.84	7.08		
Total Equity	27,484,606	52.3	9.51	9.51	-19.68	5.66	7.02	9.52	8.65	8.31	01/01/2010	
Total Equity Benchmark			9.17	9.17	-18.12	5.35	6.81	9.53	10.03	9.88		
Difference			0.34	0.34	-1.56	0.31	0.21	-0.01	-1.38	-1.57		
Total Domestic Equity	19,997,460	38.1	7.68	7.68	-20.56	7.38	9.01	11.03	11.49	11.09	01/01/2010	
Total Domestic Equity Benchmark			7.18	7.18	-19.21	7.07	8.79	11.04	12.13	11.92		
Difference			0.50	0.50	-1.35	0.31	0.22	-0.01	-0.64	-0.83		
Vanguard Index 500 (VFIAX)	9,678,277	18.4	7.55 (57)	7.55 (57)	-18.15 (46)	7.62 (30)	9.39 (31)	11.44 (21)	N/A	10.50 (18)	03/01/2014	
S&P 500 Index			7.56 (57)	7.56 (57)	-18.11 (45)	7.66 (29)	9.42 (30)	11.48 (21)	12.56 (15)	10.64 (14)		
Difference			-0.01	-0.01	-0.04	-0.04	-0.03	-0.04	N/A	-0.14		
IM U.S. Large Cap Core Equity (MF) Median			7.83	7.83	-18.72	6.95	8.77	10.64	11.69	9.76		
Fidelity Lg Cap Growth (FSPGX)	3,056,572	5.8	2.18 (58)	2.18 (58)	N/A	N/A	N/A	N/A	N/A	-7.76 (53)	09/01/2022	
Russell 1000 Growth Index			2.20 (57)	2.20 (57)	-29.14 (27)	7.79 (10)	10.96 (11)	12.95 (7)	14.10 (7)	-7.74 (53)		
Difference			-0.02	-0.02	N/A	N/A	N/A	N/A	N/A	-0.02		
IM U.S. Large Cap Growth Equity (MF) Median			2.48	2.48	-31.30	4.76	8.53	10.26	12.04	-7.55		
Brandywine Global Dynamic US LCV (DVAL)	4,180,117	8.0	13.80 (31)	13.80 (31)	-6.27 (53)	9.17 (11)	N/A	N/A	N/A	8.71 (20)	10/01/2018	
Russell 1000 Value Index			12.42 (59)	12.42 (59)	-7.54 (66)	5.96 (79)	6.67 (73)	9.12 (67)	10.29 (58)	6.92 (69)		
Difference			1.38	1.38	1.27	3.21	N/A	N/A	N/A	1.79		
IM U.S. Large Cap Value Equity (MF) Median			12.88	12.88	-6.10	7.19	7.50	9.75	10.51	7.67		
Vanguard Extended Market (VEXAX)	3,082,494	5.9	5.11 (98)	5.11 (98)	-26.47 (100)	3.02 (84)	4.88 (50)	8.24 (48)	N/A	6.24 (51)	04/01/2015	
S&P Completion Index			5.07 (98)	5.07 (98)	-26.54 (100)	2.94 (85)	4.77 (53)	8.13 (50)	9.52 (36)	6.14 (53)		
Difference			0.04	0.04	0.07	0.08	0.11	0.11	N/A	0.10		
IM U.S. SMID Cap Core Equity (MF) Median			9.71	9.71	-14.67	5.63	4.85	8.13	9.12	6.25		

Returns for periods greater than one year are annualized. Returns are expressed as percentages.

*Return information is provided quarterly and reflects data as of the prior quarter end. Effective October 28th, 2022, Brandywine Dynamic US LCV (LMBGX) mutual fund was converted to an ETF, ticker DVAL: Brandywine Dynamic Large Cap Value ETF.



Asset Allocation & Performance
Total Fund (Gross of Fees) Trailing
As of December 31, 2022

	Allocation		Performance(%)																
	Market Value \$	%	QTR		FYTD		1 YR		3 YR		5 YR		7 YR		10 YR		Inception	Inception Date	
Total International Equity	7,487,147	14.3	14.83	(46)	14.83	(46)	-17.18	(42)	0.77	(36)	1.57	(29)	5.34	(26)	2.57	(74)	2.58	(80)	01/01/2010
Total International Equity Benchmark			14.37	(50)	14.37	(50)	-15.57	(33)	0.53	(40)	1.36	(33)	5.30	(27)	4.28	(41)	4.29	(47)	
Difference			0.46		0.46		-1.61		0.24		0.21		0.04		-1.71		-1.71		
IM International Equity (MF) Median			14.28		14.28		-18.96		-0.14		0.43		4.36		3.95		4.14		
Vanguard International Value (VTRIX)	4,003,911	7.6	15.76	(85)	15.76	(85)	-11.66	(70)	1.23	(44)	1.31	(18)	5.21	(13)	4.29	(25)	4.05	(27)	01/01/2010
Vanguard International Value Hybrid			14.37	(94)	14.37	(94)	-15.57	(93)	0.53	(60)	1.36	(16)	5.30	(12)	4.28	(25)	4.08	(27)	
Difference			1.39		1.39		3.91		0.70		-0.05		-0.09		0.01		-0.03		
IM International Value Equity (MF) Median			18.65		18.65		-10.02		0.89		0.27		3.58		3.62		3.45		
American Funds EuroPacific Gr R6 (RERGX)	3,483,236	6.6	13.78	(65)	13.78	(65)	-22.72	(60)	-0.15	(71)	1.54	(64)	5.24	(35)	N/A		5.48	(39)	10/01/2015
MSCI AC World ex USA			14.37	(53)	14.37	(53)	-15.57	(12)	0.53	(58)	1.36	(70)	5.30	(33)	4.28	(65)	5.59	(36)	
Difference			-0.59		-0.59		-7.15		-0.68		0.18		-0.06		N/A		-0.11		
IM International Large Cap Growth Equity (MF) Median			14.64		14.64		-20.24		0.92		2.00		4.86		4.81		5.11		
Total Fixed Income	14,910,075	28.4	2.73		2.73		-8.91		-0.76		1.66		3.06		2.24		3.38		01/01/2010
Total Fixed Income Benchmark			2.32		2.32		-13.56		-3.01		-0.26		0.77		0.81		1.99		
Difference			0.41		0.41		4.65		2.25		1.92		2.29		1.43		1.39		
Total Domestic Fixed Income	11,152,209	21.2	2.38		2.38		-9.17		-0.23		2.22		3.49		2.78		3.51		01/01/2010
Total Domestic Fixed Income Benchmark			1.87		1.87		-13.01		-2.71		0.02		0.89		1.06		2.22		
Difference			0.51		0.51		3.84		2.48		2.20		2.60		1.72		1.29		
Dodge & Cox Income Fund (DODIX)	9,470,960	18.0	2.77	(3)	2.77	(3)	-10.88	(7)	-1.13	(5)	1.12	(2)	2.21	(1)	N/A		1.91	(1)	10/01/2014
Blmbg. U.S. Aggregate Index			1.87	(35)	1.87	(35)	-13.01	(21)	-2.71	(50)	0.02	(42)	0.89	(53)	1.06	(46)	1.04	(39)	
Difference			0.90		0.90		2.13		1.58		1.10		1.32		N/A		0.87		
IM U.S. Broad Market Core Fixed Income (MF) Median			1.71		1.71		-13.67		-2.72		-0.07		0.92		1.02		0.95		
*Crescent Direct Lending Fund	481,249	0.9	0.00		0.00		-0.93		5.96		9.20		10.96		N/A		10.63		10/01/2014
*Golub Capital 14	1,200,000	2.3	0.00		0.00		5.73		N/A		N/A		N/A		N/A		6.69		11/01/2021
Total Global Fixed Income	1,986,292	3.8	4.75		4.75		-13.77		-6.23		-2.98		-0.50		N/A		N/A		11/01/2013
Total Global Fixed Income Benchmark			4.55		4.55		-16.25		-4.48		-1.65		0.12		-0.44		-0.35		
Difference			0.20		0.20		2.48		-1.75		-1.33		-0.62		N/A		N/A		

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Asset Allocation & Performance
Total Fund (Gross of Fees) Trailing
As of December 31, 2022

	Allocation		Performance(%)										Inception Date
	Market Value \$	%	QTR	FYTD	1 YR	3 YR	5 YR	7 YR	10 YR	Inception			
PIMCO Diversified Income Fund (PDIIIX)	1,986,292	3.8	4.75 (34)	4.75 (34)	-13.77 (50)	N/A	N/A	N/A	N/A	-6.20 (30)	12/01/2020		
Blmbg. Global Credit (Hedged)			3.31 (55)	3.31 (55)	-13.75 (50)	-2.61 (31)	0.53 (17)	2.23 (12)	2.26 (7)	-6.71 (35)			
Difference			1.44	1.44	-0.02	N/A	N/A	N/A	N/A	0.51			
IM Global Fixed Income (MF) Median			3.81	3.81	-14.66	-3.68	-0.90	0.72	0.01	-7.99			
Total Bank Loans	1,771,574	3.4											
Pacific Life Fltg Rate Income (PLFRX)	1,771,574	3.4	2.73 (43)	2.73 (43)	-0.81 (14)	N/A	N/A	N/A	N/A	2.26 (21)	03/01/2020		
Credit Suisse Leveraged Loan Index			2.34 (66)	2.34 (66)	-1.06 (20)	2.34 (2)	3.24 (1)	4.30 (2)	3.79 (1)	2.78 (4)			
Difference			0.39	0.39	0.25	N/A	N/A	N/A	N/A	-0.52			
IM U.S. Bank Loans (MF) Median			2.63	2.63	-2.22	1.10	2.03	3.23	2.74	1.55			
Total Alternatives	4,569,490	8.7	4.28	4.28	-9.82	1.08	2.90	4.65	4.59	3.86	01/01/2010		
Total Alternatives Benchmark			4.40	4.40	-13.98	1.47	3.32	4.08	4.02	4.06			
Difference			-0.12	-0.12	4.16	-0.39	-0.42	0.57	0.57	-0.20			
PIMCO TacOps Fund (TS)	1,125,065	2.1	1.30	1.30	-3.93	5.12	6.25	7.90	N/A	7.76	07/01/2014		
CPI + 5%			1.69	1.69	11.74	10.14	8.95	8.45	7.70	7.86			
Difference			-0.39	-0.39	-15.67	-5.02	-2.70	-0.55	N/A	-0.10			
Blackrock Multi-Asset Income (BKMIX)	3,444,425	6.6	5.29 (49)	5.29 (49)	-11.47 (37)	0.45 (56)	N/A	N/A	N/A	2.95 (60)	12/01/2018		
50% ACWI/50% Bloomberg Agg			5.91 (44)	5.91 (44)	-15.27 (69)	1.23 (46)	3.20 (36)	4.99 (40)	4.98 (41)	4.39 (38)			
Difference			-0.62	-0.62	3.80	-0.78	N/A	N/A	N/A	-1.44			
IM Flexible Portfolio (MF) Median			5.14	5.14	-12.97	0.83	2.27	4.45	4.45	3.52			
Total Real Estate	3,918,885	7.5	-4.83 (30)	-4.83 (30)	8.78 (37)	9.96 (67)	8.30 (85)	N/A	N/A	7.44 (N/A)	06/01/2016		
Total Real Estate Benchmark			-4.96 (31)	-4.96 (31)	7.47 (62)	9.93 (68)	8.68 (79)	8.54 (82)	10.10 (82)	8.75 (N/A)			
Difference			0.13	0.13	1.31	0.03	-0.38	N/A	N/A	-1.31			
IM U.S. Open End Private Real Estate (SA+CF) Median			-5.66	-5.66	8.10	10.90	9.46	9.43	10.74	N/A			
ASB (Real Estate)	2,585,377	4.9	-4.01 (26)	-4.01 (26)	9.82 (17)	9.23 (79)	7.87 (92)	N/A	N/A	7.11 (N/A)	06/01/2016		
NCREIF Fund Index-ODCE (VW)			-4.96 (31)	-4.96 (31)	7.47 (62)	9.93 (68)	8.68 (79)	8.54 (82)	10.10 (82)	8.75 (N/A)			
Difference			0.95	0.95	2.35	-0.70	-0.81	N/A	N/A	-1.64			
IM U.S. Open End Private Real Estate (SA+CF) Median			-5.66	-5.66	8.10	10.90	9.46	9.43	10.74	N/A			
Principal Enhanced Property Fund	1,333,508	2.5	-6.36 (93)	-6.36 (93)	6.83 (71)	N/A	N/A	N/A	N/A	16.63 (32)	01/01/2021		
NCREIF Fund Index-ODCE (VW)			-4.96 (31)	-4.96 (31)	7.47 (62)	9.93 (68)	8.68 (79)	8.54 (82)	10.10 (82)	14.59 (63)			
Difference			-1.40	-1.40	-0.64	N/A	N/A	N/A	N/A	2.04			
IM U.S. Open End Private Real Estate (SA+CF) Median			-5.66	-5.66	8.10	10.90	9.46	9.43	10.74	15.72			

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Asset Allocation & Performance
Total Fund (Gross of Fees) Calendar
As of December 31, 2022

Asset Allocation & Performance

	Allocation		Performance(%)									
	Market Value \$	%	FYTD	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	
Total Fund (Gross of Fees)	52,530,971	100.0	5.72	-15.55	20.13	10.95	3.46	9.57	13.78	10.32	-4.12	
Total Fund IPS Benchmark			5.66	-14.98	17.79	10.47	5.06	7.88	11.47	10.28	-1.11	
Difference			0.06	-0.57	2.34	0.48	-1.60	1.69	2.31	0.04	-3.01	
Total Fund (Net of Fees)	52,530,971	100.0	5.70 (56)	-15.63 (62)	20.00 (49)	10.83 (25)	3.34 (71)	9.48 (20)	13.66 (13)	10.23 (25)	-4.23 (94)	
Total Fund IPS Benchmark			5.66 (56)	-14.98 (54)	17.79 (79)	10.47 (28)	5.06 (20)	7.88 (50)	11.47 (61)	10.28 (22)	-1.11 (62)	
Difference			0.04	-0.65	2.21	0.36	-1.72	1.60	2.19	-0.05	-3.12	
All Public Plans-Total Fund (Net of Fees)			5.94	-14.75	19.88	8.51	4.00	7.86	11.70	9.33	-0.72	
Total Equity	27,484,606	52.3	9.51	-22.69	31.35	16.34	0.76	13.94	19.12	12.93	-7.52	
Total Equity Benchmark			9.17	-19.56	29.88	11.83	1.97	13.31	19.18	13.58	-3.60	
Difference			0.34	-3.13	1.47	4.51	-1.21	0.63	-0.06	-0.65	-3.92	
Total Domestic Equity	19,997,460	38.1	7.68	-20.90	32.75	20.23	1.28	18.85	18.56	14.49	-3.96	
Total Domestic Equity Benchmark			7.18	-17.63	31.88	15.00	2.92	17.58	18.71	14.96	-0.49	
Difference			0.50	-3.27	0.87	5.23	-1.64	1.27	-0.15	-0.47	-3.47	
Vanguard Index 500 (VFIAX)	9,678,277	18.4	7.55 (57)	-15.51 (32)	29.97 (38)	15.11 (46)	4.22 (42)	17.87 (33)	18.57 (46)	15.39 (18)	-0.64 (34)	
S&P 500 Index			7.56 (57)	-15.47 (31)	30.00 (38)	15.15 (46)	4.25 (41)	17.91 (33)	18.61 (45)	15.43 (18)	-0.61 (34)	
Difference			-0.01	-0.04	-0.03	-0.04	-0.03	-0.04	-0.04	-0.04	-0.03	
IM U.S. Large Cap Core Equity (MF) Median			7.83	-17.11	29.04	14.72	3.57	16.73	18.34	13.01	-1.33	
Fidelity Lg Cap Growth (FSPGX)	3,056,572	5.8	2.18 (58)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Russell 1000 Growth Index			2.20 (57)	-22.59 (20)	27.32 (30)	37.53 (31)	3.71 (30)	26.30 (36)	21.94 (28)	13.76 (15)	3.17 (43)	
Difference			-0.02	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
IM U.S. Large Cap Growth Equity (MF) Median			2.48	-27.73	25.85	34.07	2.15	24.80	20.19	10.85	2.64	
Brandywine Global Dynamic US LCV (DVAL)	4,180,117	8.0	13.80 (31)	-13.03 (76)	41.75 (15)	1.66 (27)	0.01 (72)	N/A	N/A	N/A	N/A	
Russell 1000 Value Index			12.42 (59)	-11.36 (67)	35.01 (41)	-5.03 (72)	4.00 (41)	9.45 (70)	15.12 (80)	16.19 (20)	-4.42 (48)	
Difference			1.38	-1.67	6.74	6.69	-3.99	N/A	N/A	N/A	N/A	
IM U.S. Large Cap Value Equity (MF) Median			12.88	-9.58	33.01	-2.87	3.14	11.93	17.34	13.33	-4.54	
Vanguard Extended Market (VEXAX)	3,082,494	5.9	5.11 (98)	-29.55 (100)	42.31 (70)	12.98 (1)	-3.80 (41)	16.12 (14)	19.00 (26)	13.44 (40)	N/A	
S&P Completion Index			5.07 (98)	-29.62 (100)	42.19 (70)	12.94 (1)	-3.96 (42)	16.02 (14)	18.91 (27)	13.26 (41)	-0.27 (29)	
Difference			0.04	0.07	0.12	0.04	0.16	0.10	0.09	0.18	N/A	
IM U.S. SMID Cap Core Equity (MF) Median			9.71	-17.06	44.98	-5.89	-4.79	10.88	16.89	12.24	-1.38	

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*Return information is provided quarterly and reflects data as of the prior quarter end.



Asset Allocation & Performance
Total Fund (Gross of Fees) Calendar
As of December 31, 2022

	Allocation		Performance(%)									
	Market Value \$	%	FYTD	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	
Total International Equity	7,487,147	14.3	14.83 (46)	-27.60 (47)	27.74 (29)	5.45 (54)	-0.73 (40)	1.69 (35)	20.63 (39)	8.37 (57)	-16.82 (78)	
Total International Equity Benchmark			14.37 (50)	-24.79 (26)	24.45 (44)	3.45 (61)	-0.72 (40)	2.25 (30)	20.15 (43)	9.80 (47)	-11.78 (63)	
Difference			0.46	-2.81	3.29	2.00	-0.01	-0.56	0.48	-1.43	-5.04	
IM International Equity (MF) Median			14.28	-28.15	23.07	6.53	-1.89	0.18	19.37	9.31	-8.71	
Vanguard International Value (VTRIX)	4,003,911	7.6	15.76 (85)	-22.21 (43)	30.92 (46)	-4.31 (34)	-2.60 (13)	1.90 (18)	20.63 (46)	8.26 (24)	-13.90 (82)	
Vanguard International Value Hybrid			14.37 (94)	-24.79 (71)	24.45 (83)	3.45 (4)	-0.72 (11)	2.25 (14)	20.15 (52)	9.80 (16)	-11.78 (70)	
Difference			1.39	2.58	6.47	-7.76	-1.88	-0.35	0.48	-1.54	-2.12	
IM International Value Equity (MF) Median			18.65	-22.73	30.15	-6.02	-6.37	-0.18	20.27	5.26	-9.62	
American Funds EuroPacific Gr R6 (RERGX)	3,483,236	6.6	13.78 (65)	-32.85 (73)	24.76 (27)	14.97 (50)	1.14 (54)	1.47 (62)	20.63 (8)	8.52 (32)	N/A	
MSCI AC World ex USA			14.37 (53)	-24.79 (9)	24.45 (29)	3.45 (91)	-0.72 (71)	2.25 (54)	20.15 (15)	9.80 (19)	-11.78 (94)	
Difference			-0.59	-8.06	0.31	11.52	1.86	-0.78	0.48	-1.28	N/A	
IM International Large Cap Growth Equity (MF) Median			14.64	-28.73	20.62	14.87	1.35	2.48	17.62	7.50	-5.60	
Total Fixed Income	14,910,075	28.4	2.73	-11.34	3.00	5.32	8.78	1.61	6.20	7.33	-0.77	
Total Fixed Income Benchmark			2.32	-15.61	-0.90	6.86	9.83	-1.22	-0.15	5.81	1.87	
Difference			0.41	4.27	3.90	-1.54	-1.05	2.83	6.35	1.52	-2.64	
Total Domestic Fixed Income	11,152,209	21.2	2.38	-11.39	2.64	7.67	9.97	2.31	4.71	8.25	0.75	
Total Domestic Fixed Income Benchmark			1.87	-14.60	-0.90	6.98	10.30	-1.22	0.07	5.19	2.94	
Difference			0.51	3.21	3.54	0.69	-0.33	3.53	4.64	3.06	-2.19	
Dodge & Cox Income Fund (DODIX)	9,470,960	18.0	2.77 (3)	-13.65 (9)	1.99 (11)	7.70 (25)	9.13 (77)	-0.12 (8)	2.57 (4)	7.09 (3)	0.16 (92)	
Blmbg. U.S. Aggregate Index			1.87 (35)	-14.60 (24)	-0.90 (83)	6.98 (49)	10.30 (24)	-1.22 (42)	0.07 (65)	5.19 (53)	2.94 (9)	
Difference			0.90	0.95	2.89	0.72	-1.17	1.10	2.50	1.90	-2.78	
IM U.S. Broad Market Core Fixed Income (MF) Median			1.71	-15.29	0.16	6.94	9.78	-1.32	0.49	5.23	1.95	
*Crescent Direct Lending Fund	481,249	0.9	0.00	1.94	11.00	7.26	15.74	14.83	15.64	15.52	6.78	
*Golub Capital 14	1,200,000	2.3	0.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Total Global Fixed Income	1,986,292	3.8	4.75	-17.64	2.05	-4.57	2.50	-1.92	13.82	2.68	-8.51	
Total Global Fixed Income Benchmark			4.55	-20.43	-0.91	6.24	7.60	-1.31	-1.26	8.83	-3.26	
Difference			0.20	2.79	2.96	-10.81	-5.10	-0.61	15.08	-6.15	-5.25	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.
*Return information is provided quarterly and reflects data as of the prior quarter end.



Asset Allocation & Performance
Total Fund (Gross of Fees) Calendar
As of December 31, 2022

	Allocation		Performance(%)									
	Market Value \$	%	FYTD	Oct-2021 To Sep-2022	Oct-2020 To Sep-2021	Oct-2019 To Sep-2020	Oct-2018 To Sep-2019	Oct-2017 To Sep-2018	Oct-2016 To Sep-2017	Oct-2015 To Sep-2016	Oct-2014 To Sep-2015	
PIMCO Diversified Income Fund (PDIIX)	1,986,292	3.8	4.75 (34)	-17.64 (51)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Blmbg. Global Credit (Hedged)			3.31 (55)	-16.53 (49)	2.72 (22)	5.26 (53)	10.83 (12)	0.39 (16)	3.04 (29)	9.19 (25)	0.86 (19)	
Difference			1.44	-1.11	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
IM Global Fixed Income (MF) Median			3.81	-17.63	0.89	5.39	7.65	-1.33	1.10	7.40	-3.88	
Total Bank Loans	1,771,574	3.4										
Pacific Life Fltg Rate Income (PLFRX)	1,771,574	3.4	2.73 (43)	-2.72 (11)	6.98 (69)	N/A	N/A	N/A	N/A	N/A	N/A	
Credit Suisse Leveraged Loan Index			2.34 (66)	-2.63 (10)	8.46 (31)	0.83 (15)	3.11 (18)	5.58 (5)	5.36 (26)	5.34 (38)	1.34 (22)	
Difference			0.39	-0.09	-1.48	N/A	N/A	N/A	N/A	N/A	N/A	
IM U.S. Bank Loans (MF) Median			2.63	-4.19	7.64	-0.61	2.24	4.37	4.48	5.01	0.08	
Total Alternatives	4,569,490	8.7	4.28	-11.94	12.79	2.10	5.58	5.95	9.36	8.00	1.62	
Total Alternatives Benchmark			4.40	-15.11	13.39	7.92	5.61	4.54	6.63	4.24	1.02	
Difference			-0.12	3.17	-0.60	-5.82	-0.03	1.41	2.73	3.76	0.60	
PIMCO TacOps Fund (TS)	1,125,065	2.1	1.30	-3.04	18.04	2.93	5.55	9.25	13.09	9.05	8.10	
CPI + 5%			1.69	13.63	10.66	6.47	6.81	7.47	7.29	6.63	5.01	
Difference			-0.39	-16.67	7.38	-3.54	-1.26	1.78	5.80	2.42	3.09	
Blackrock Multi-Asset Income (BKMIX)	3,444,425	6.6	5.29 (49)	-14.36 (46)	12.41 (76)	2.39 (53)	N/A	N/A	N/A	N/A	N/A	
50% ACWI/50% Bloomberg Agg			5.91 (44)	-17.28 (63)	12.90 (75)	9.65 (17)	6.45 (18)	4.52 (39)	9.32 (52)	9.08 (43)	-1.54 (22)	
Difference			-0.62	2.92	-0.49	-7.26	N/A	N/A	N/A	N/A	N/A	
IM Flexible Portfolio (MF) Median			5.14	-14.79	16.31	2.56	2.63	3.45	9.51	8.68	-4.37	
Total Real Estate	3,918,885	7.5	-4.83 (30)	22.07 (47)	12.98 (78)	2.59 (26)	4.33 (82)	8.26 (66)	3.61 (100)	N/A	N/A	
Total Real Estate Benchmark			-4.96 (31)	22.09 (47)	14.63 (55)	1.39 (59)	5.59 (74)	8.68 (61)	7.66 (53)	10.08 (80)	14.93 (55)	
Difference			0.13	-0.02	-1.65	1.20	-1.26	-0.42	-4.05	N/A	N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median			-5.66	21.16	15.91	1.62	6.80	8.98	7.83	11.18	15.20	
ASB (Real Estate)	2,585,377	4.9	-4.01 (26)	19.95 (60)	11.76 (83)	2.59 (26)	4.33 (82)	8.26 (66)	3.61 (100)	N/A	N/A	
NCREIF Fund Index-ODCE (VW)			-4.96 (31)	22.09 (47)	14.63 (55)	1.39 (59)	5.59 (74)	8.68 (61)	7.66 (53)	10.08 (80)	14.93 (55)	
Difference			0.95	-2.14	-2.87	1.20	-1.26	-0.42	-4.05	N/A	N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median			-5.66	21.16	15.91	1.62	6.80	8.98	7.83	11.18	15.20	
Principal Enhanced Property Fund	1,333,508	2.5	-6.36 (93)	26.37 (17)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
NCREIF Fund Index-ODCE (VW)			-4.96 (31)	22.09 (47)	14.63 (55)	1.39 (59)	5.59 (74)	8.68 (61)	7.66 (53)	10.08 (80)	14.93 (55)	
Difference			-1.40	4.28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
IM U.S. Open End Private Real Estate (SA+CF) Median			-5.66	21.16	15.91	1.62	6.80	8.98	7.83	11.18	15.20	

Returns for periods greater than one year are annualized. Returns are expressed as percentages.
*Return information is provided quarterly and reflects data as of the prior quarter end.



Comparative Performance - IRR

	QTR	1 YR	2 YR	3 YR	5 YR	Inception	Inception Date
Crescent Direct Lending Fund	0.00	-1.15	2.30	3.13	5.51	6.82	10/09/2014
Golub Capital 14	0.00	5.34	N/A	N/A	N/A	6.10	10/05/2021

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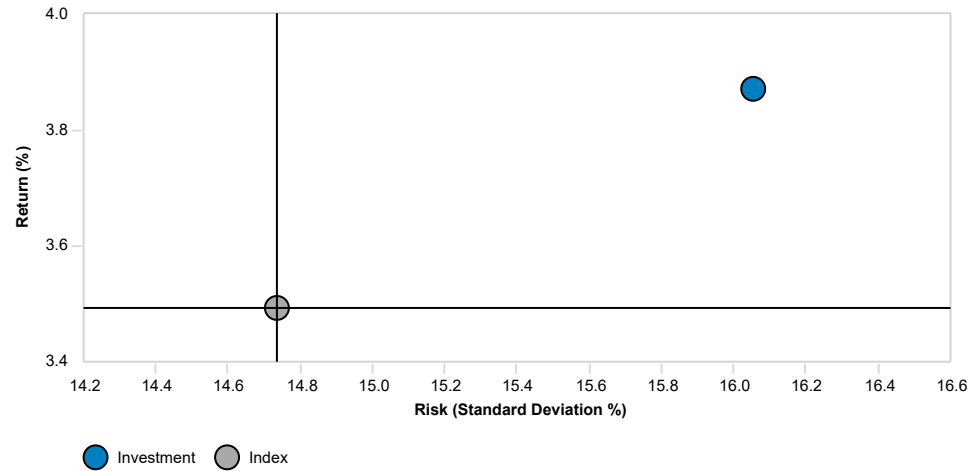
Historical Statistics 3 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	3.87	16.06	0.27	107.27	7	104.95	5
Index	3.49	14.74	0.26	100.00	8	100.00	4

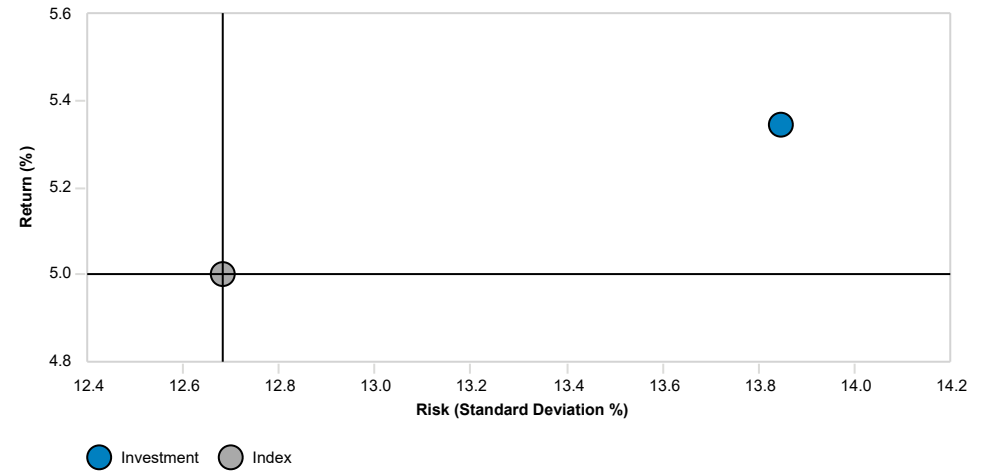
Historical Statistics 5 Years

	Return	Standard Deviation	Sharpe Ratio	Up Market Capture	Up Quarters	Down Market Capture	Down Quarters
Investment	5.35	13.85	0.36	106.04	14	104.23	6
Index	5.00	12.68	0.35	100.00	14	100.00	6

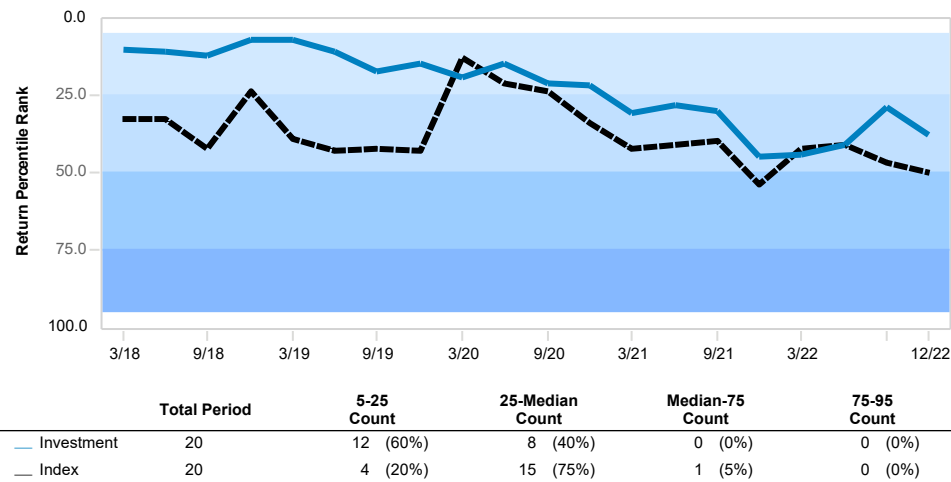
Risk and Return 3 Years



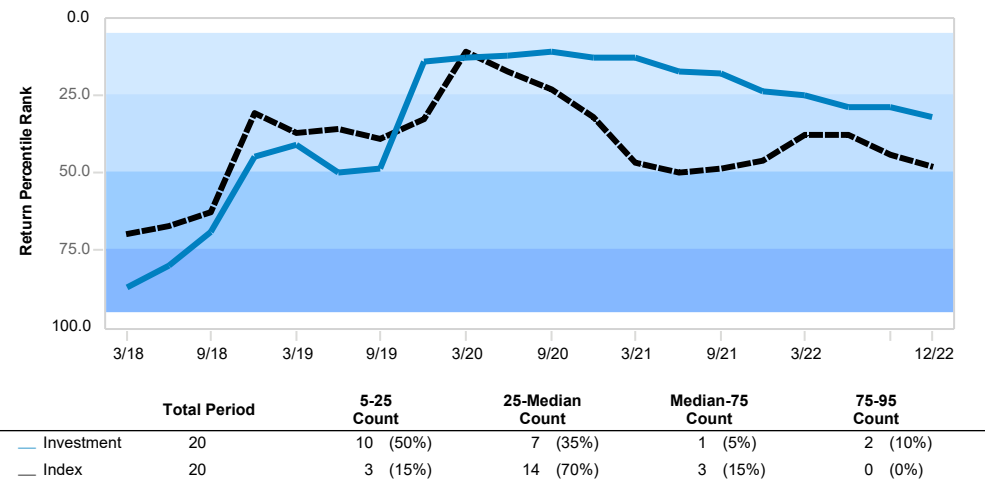
Risk and Return 5 Years



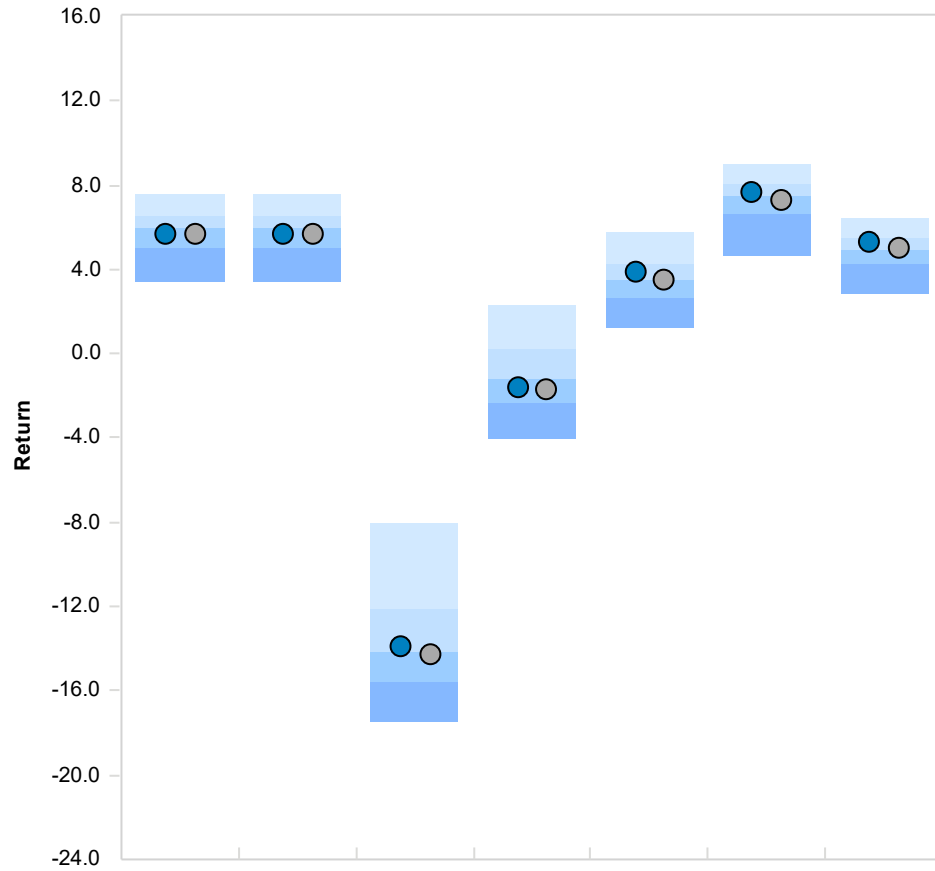
3 Year Rolling Percentile Rank All Public Plans-Total Fund



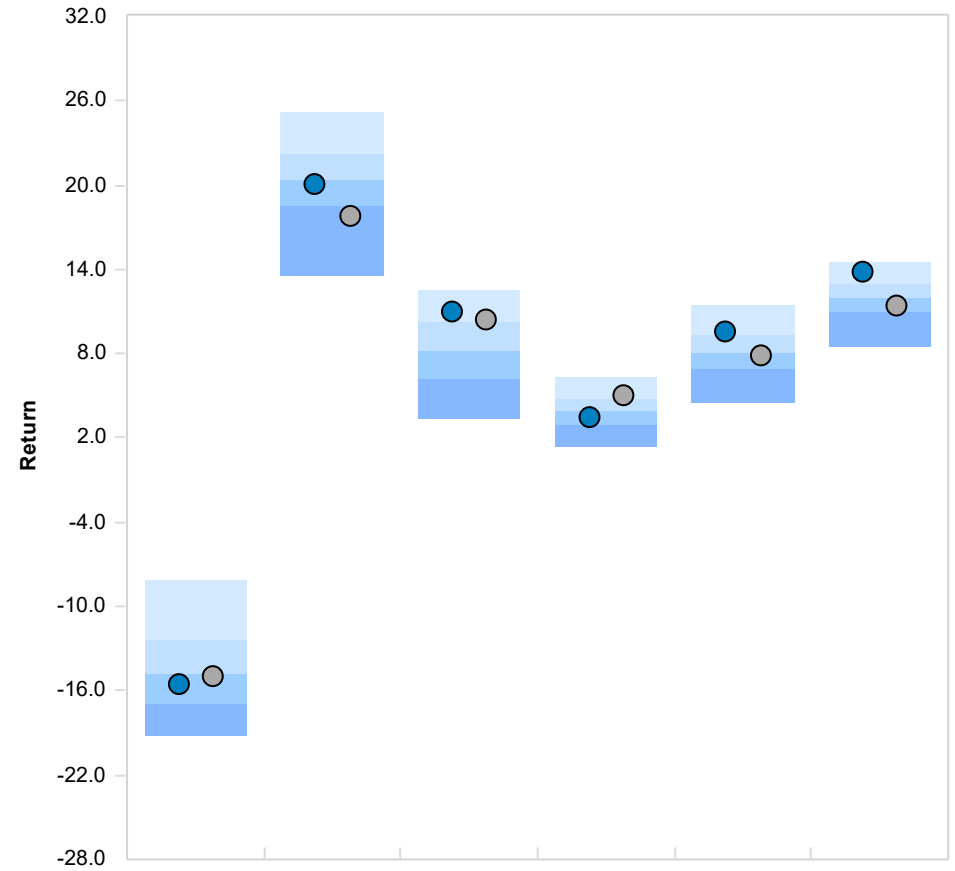
5 Year Rolling Percentile Rank All Public Plans-Total Fund



Peer Group Analysis - All Public Plans-Total Fund



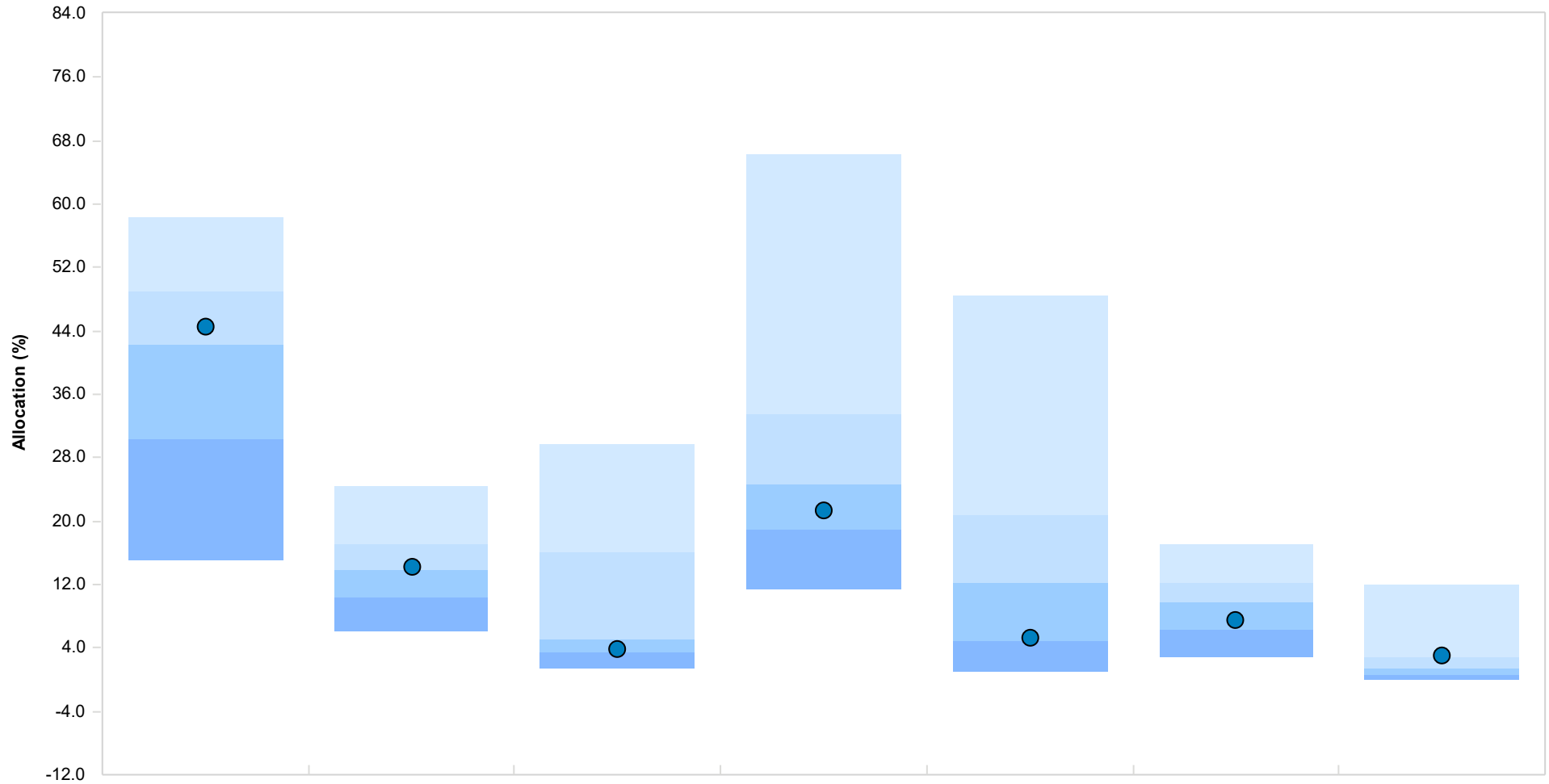
Peer Group Analysis - All Public Plans-Total Fund



Comparative Performance

	1 Qtr Ending Sep-2022	1 Qtr Ending Jun-2022	1 Qtr Ending Mar-2022	1 Qtr Ending Dec-2021	1 Qtr Ending Sep-2021	1 Qtr Ending Jun-2021
Investment	-3.81 (26)	-10.88 (57)	-4.94 (51)	3.63 (82)	-0.20 (57)	5.45 (51)
Index	-4.91 (76)	-10.67 (52)	-4.47 (36)	4.77 (41)	0.02 (39)	5.24 (61)
Median	-4.30	-10.64	-4.94	4.50	-0.13	5.46

Plan Sponsor TF Asset Allocation vs. All Public Plans-Total Fund



	US Equity	Global ex-US Equity	Global Fixed Income	US Fixed	Alternatives	Total Real Estate	Cash & Equivalents
● Total Fund	44.62 (44)	14.25 (47)	3.78 (72)	21.40 (64)	5.34 (70)	7.46 (69)	3.14 (23)
5th Percentile	58.47	24.39	29.61	66.23	48.47	17.05	11.99
1st Quartile	49.07	16.99	16.01	33.46	20.65	12.21	2.94
Median	42.22	13.85	5.14	24.62	12.14	9.68	1.48
3rd Quartile	30.24	10.41	3.46	19.01	4.84	6.22	0.66
95th Percentile	15.10	6.18	1.38	11.32	1.05	2.89	0.05
Population	418	400	139	426	208	286	369

Parentheses contain percentile rankings.
Calculation based on <Periodicity> periodicity.



Fund Information

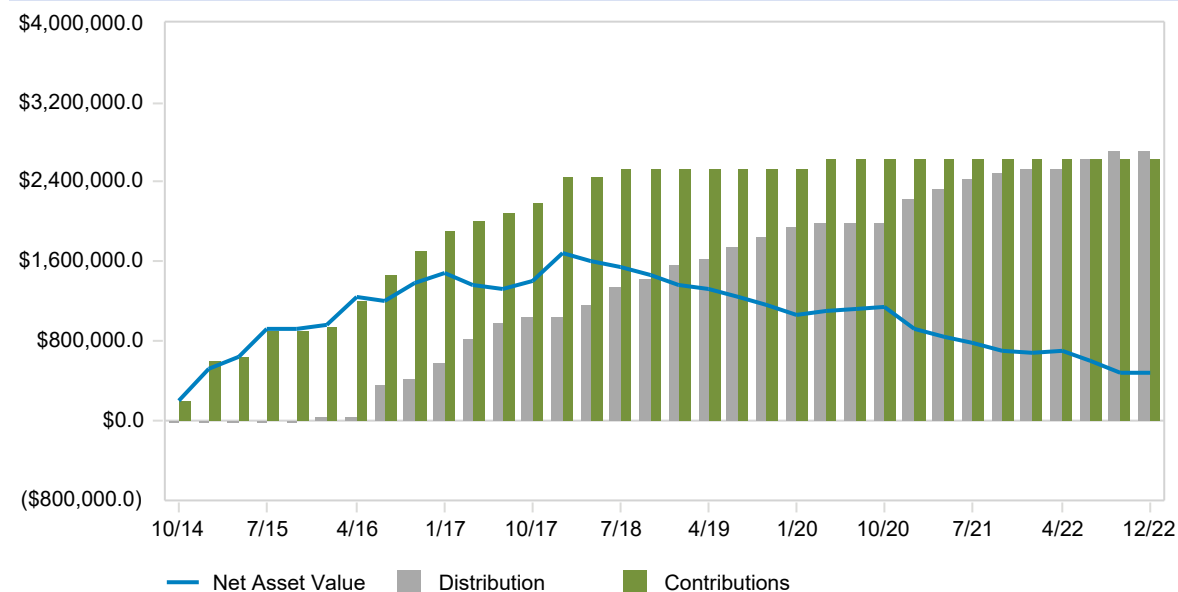
Type of Fund:	Direct	Vintage Year:	2013
Strategy Type:	Other	Management Fee:	1.0% on invested equity capital
Size of Fund:	-	Preferred Return:	N/A
Inception:	09/04/2013	General Partner:	Crescent Direct Lending, LLC
Final Close:	09/04/2014	Number of Funds:	
Investment Strategy: High Current Income while focusing on preservation of capital through investment primarily in senior secured loans of private U.S. lower-middle-market companies.			

Cash Flow Summary

Capital Committed:	\$2,000,000
Capital Invested:	\$2,637,031
Management Fees:	\$2,147
Expenses:	\$176,185
Interest:	-
Total Contributions:	\$2,637,031
Remaining Capital Commitment:	\$182,930

Total Distributions:	\$2,721,099
Market Value:	\$481,249
Inception Date:	10/09/2014
Inception IRR:	6.8
TVPI:	1.2

Cash Flow Analysis



Fund Information

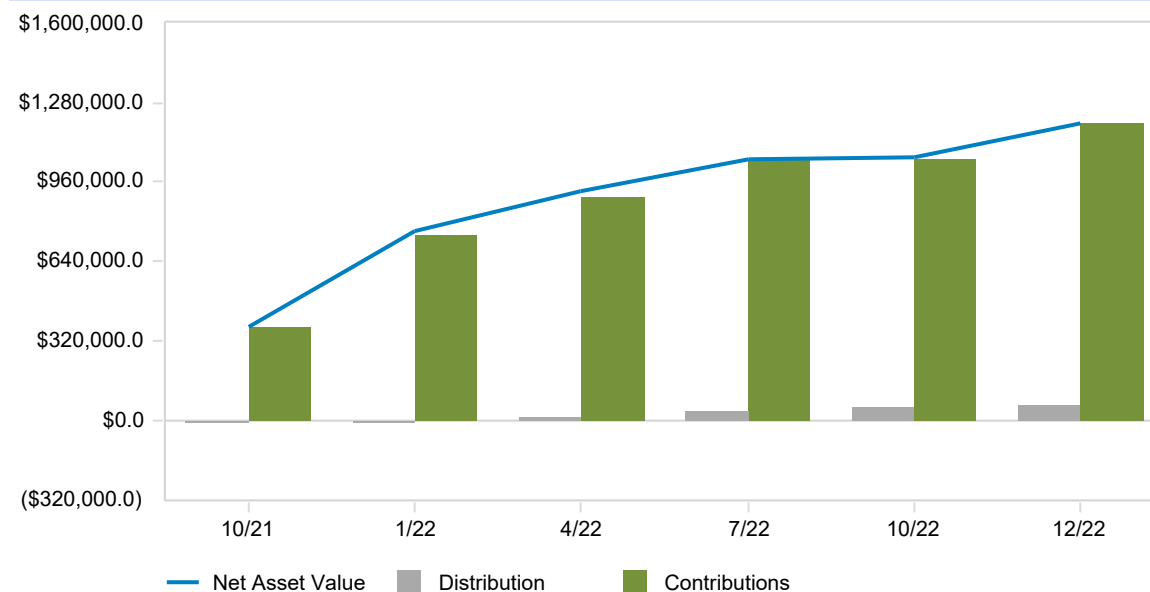
Type of Fund:	Partnership	Vintage Year:	2021
Strategy Type:	Other	Management Fee:	Approximately 1.0% per annum of assets at fair value. The actual calculation is 1.25% per annum on middle market related assets and 0.50% per annum on broadly syndicated loan related assets. Approximately 1.0% per annum of assets at fair value. The a
Size of Fund:	150,000,000	Preferred Return:	8%
Inception:	04/01/2021	General Partner:	Golub Offshore GP, Ltd.
Final Close:	Expected 4/1/2023	Number of Funds:	
Investment Strategy:	The underlying investments of the GCP Funds are primarily first-out senior secured floating rate loans, directly originated by Golub Capital, to what the Firm believes are healthy, resilient U.S. middle market companies backed by partnership-oriented private equity sponsors.		

GCP 14 seeks to achieve a high level of current income and attractive risk-adjusted returns. The Fund's strategy is to invest in primarily first-out senior secured floating rate loans, directly originated by Golub Capital, to what the Firm believes are healthy, resilient U.S. middle market companies backed by partnership-oriented private equity sponsors.

Cash Flow Summary

Capital Committed:	\$1,500,000
Capital Invested:	\$1,200,000
Management Fees:	-
Expenses:	-
Interest:	-
Total Contributions:	\$1,200,000
Remaining Capital Commitment:	\$300,000
Total Distributions:	\$64,696
Market Value:	\$1,200,000
Inception Date:	10/05/2021
Inception IRR:	6.1
TVPI:	1.1

Cash Flow Analysis



Comparative Performance
Manager Composite Performance Comparison
As of December 31, 2022

Comparative Performance Trailing Returns						
	1 YR	3 YR	5 YR	7 YR	10 YR	15 YR
Vanguard 500 Idx;Adm (VFIAX)	-18.15	7.62	9.39	11.44	12.52	8.79
S&P 500 Index	-18.11	7.66	9.42	11.48	12.56	8.81
IM U.S. Large Cap Core Equity (MF) Median	-18.72	6.95	8.77	10.64	11.69	8.19
Fidelity Lrg Cap Gro Idx (FSPGX)	-29.17	7.75	10.91	N/A	N/A	N/A
Russell 1000 Growth Index	-29.14	7.79	10.96	12.95	14.10	10.32
IM U.S. Large Cap Growth Equity (MF) Median	-31.30	4.76	8.53	10.26	12.04	8.55
BdywnGL Dy US LCap Value (DVAL)	-6.41	9.12	8.47	10.60	N/A	N/A
Russell 1000 Value Index	-7.54	5.96	6.67	9.12	10.29	6.96
IM U.S. Large Cap Value Equity (MF) Median	-6.10	7.19	7.50	9.75	10.51	7.07
Vanguard Ext MI;Adm (VEXAX)	-26.47	3.02	4.88	8.24	9.62	7.80
S&P Completion Index	-26.54	2.94	4.77	8.13	9.52	7.68
IM U.S. SMID Cap Core Equity (MF) Median	-14.67	5.63	4.85	8.13	9.12	7.19
Vanguard Intl Val;Inv (VTRIX)	-11.66	1.30	1.36	5.24	4.31	1.81
Vanguard International Value Hybrid	-15.57	0.53	1.36	5.30	4.28	1.59
IM International Value Equity (MF) Median	-10.02	0.89	0.27	3.58	3.62	1.02
American Funds EuPc;A (AEPGX)	-23.02	-0.51	1.18	4.87	4.93	2.78
MSCI AC World ex USA	-15.57	0.53	1.36	5.30	4.28	1.99
IM International Large Cap Growth Equity (MF) Median	-20.24	0.92	2.00	4.86	4.81	2.40
Dodge & Cox Income;I (DODIX)	-10.87	-1.13	1.12	2.21	2.09	3.70
Blmbg. U.S. Aggregate Index	-13.01	-2.71	0.02	0.89	1.06	2.66
IM U.S. Broad Market Core Fixed Income (MF) Median	-13.67	-2.72	-0.07	0.92	1.02	2.67
PIMCO:Div Income;Inst (PDIIX)	-13.77	-2.72	0.55	3.09	2.48	4.73
Blmbg. U.S. Aggregate Index	-13.01	-2.71	0.02	0.89	1.06	2.66
IM Multi-Sector General Bond (MF) Median	-11.72	-1.31	0.76	2.46	2.14	3.91
Blackrock Multi-Asset Income (BKMIX)	-11.47	0.45	N/A	N/A	N/A	N/A
50% ACWI/50% Bloomberg Agg	-15.27	1.23	3.20	4.99	4.98	4.39
IM Flexible Portfolio (MF) Median	-12.97	0.83	2.27	4.45	4.45	4.21

Returns for periods greater than one year are annualized.
Returns are expressed as percentages.



Comparative Performance
Manager Composite Performance Comparison
As of December 31, 2022

Comparative Performance Calendar Year Returns

	YTD	2021	2020	2019	2018	2017	2016
Vanguard 500 Idx;Adm (VFIAX)	-18.15	28.66	18.37	31.46	-4.43	21.79	11.93
S&P 500 Index	-18.11	28.71	18.40	31.49	-4.38	21.83	11.96
IM U.S. Large Cap Core Equity (MF) Median	-18.72	26.95	18.39	30.64	-5.45	21.45	9.70
Fidelity Lrg Cap Gro Idx (FSPGX)	-29.17	27.58	38.43	36.37	-1.64	30.12	N/A
Russell 1000 Growth Index	-29.14	27.60	38.49	36.39	-1.51	30.21	7.08
IM U.S. Large Cap Growth Equity (MF) Median	-31.30	22.39	35.62	33.26	-1.22	29.28	2.21
BdywnGL Dy US LCap Value (DVAL)	-6.41	29.17	7.46	27.24	-9.17	21.95	10.56
Russell 1000 Value Index	-7.54	25.16	2.80	26.54	-8.27	13.66	17.34
IM U.S. Large Cap Value Equity (MF) Median	-6.10	25.96	3.82	26.50	-8.61	16.95	13.85
Vanguard Ext MI;Adm (VEXAX)	-26.47	12.45	32.21	28.03	-9.36	18.11	16.13
S&P Completion Index	-26.54	12.35	32.17	27.95	-9.57	18.11	15.95
IM U.S. SMID Cap Core Equity (MF) Median	-14.67	26.01	8.64	24.75	-12.42	13.93	17.26
Vanguard Intl Val;Inv (VTRIX)	-11.66	7.97	8.99	20.39	-14.52	27.96	4.46
Vanguard International Value Hybrid	-15.57	8.29	11.13	22.13	-13.78	27.77	5.01
IM International Value Equity (MF) Median	-10.02	12.13	2.94	17.89	-16.93	23.25	2.53
American Funds EuPc;A (AEPGX)	-23.02	2.50	24.80	26.95	-15.19	30.73	0.66
MSCI AC World ex USA	-15.57	8.29	11.13	22.13	-13.78	27.77	5.01
IM International Large Cap Growth Equity (MF) Median	-20.24	8.88	20.00	27.50	-14.67	28.61	-1.94
Dodge & Cox Income;I (DODIX)	-10.87	-0.91	9.45	9.73	-0.31	4.36	5.61
Blmbg. U.S. Aggregate Index	-13.01	-1.55	7.51	8.72	0.01	3.54	2.65
IM U.S. Broad Market Core Fixed Income (MF) Median	-13.67	-1.33	8.15	8.76	-0.62	3.60	2.90
PIMCO:Div Income;Inst (PDIIX)	-13.77	0.35	6.39	12.78	-1.00	8.86	10.55
Blmbg. U.S. Aggregate Index	-13.01	-1.55	7.51	8.72	0.01	3.54	2.65
IM Multi-Sector General Bond (MF) Median	-11.72	1.51	6.47	9.98	-1.59	5.84	7.08
Blackrock Multi-Asset Income (BKMIX)	-11.47	7.47	6.53	14.03	N/A	N/A	N/A
50% ACWI/50% Bloomberg Agg	-15.27	8.41	12.92	17.94	-4.32	13.65	5.70
IM Flexible Portfolio (MF) Median	-12.97	10.48	7.41	16.51	-6.92	12.38	6.46

Returns for periods greater than one year are annualized.
Returns are expressed as percentages.



Killeen Firefighters' Relief & Retirement Fund

Fee Analysis

As of December 31, 2022

	Estimated Annual Fee (%)	Market Value (\$)	Estimated Annual Fee (\$)	Fee Schedule
Vanguard Index 500 (VFIAX)	0.04	9,678,277	3,871	0.04 % of Assets
Fidelity Lg Cap Growth (FSPGX)	0.03	3,056,572	917	0.03 % of Assets
Brandywine Global Dynamic US LCV (DVAL)	0.65	4,180,117	27,171	0.65 % of Assets
Vanguard Extended Market (VEXAX)	0.10	3,082,494	3,082	0.10 % of Assets
Total Domestic Equity	0.18	19,997,460	35,042	
Vanguard International Value (VTRIX)	0.44	4,003,911	17,617	0.44 % of Assets
American Funds EuroPacific Gr R6 (RERGX)	0.49	3,483,236	17,068	0.49 % of Assets
Total International Equity	0.46	7,487,147	34,685	
Dodge & Cox Income Fund (DODIX)	0.43	9,470,960	40,725	0.43 % of Assets
Crescent Direct Lending Fund	1.35	481,249	6,497	1.35 % of Assets
Total Domestic Fixed Income	0.53	11,152,209	59,222	
PIMCO Diversified Income Fund (PDIIX)	0.75	1,986,292	14,897	0.75 % of Assets
Total Global Fixed Income	0.75	1,986,292	14,897	
Pacific Life Fltg Rate Income (PLFRX)	0.72	1,771,574	12,755	0.72 % of Assets
Total Bank Loans	0.72	1,771,574	12,755	
PIMCO TacOps Fund (TS)	1.25	1,125,065	14,063	1.25 % of Assets
Blackrock Multi-Asset Income (BKMIX)	0.53	3,444,425	18,255	0.53 % of Assets
Total Tactical Strategies	0.71	4,569,490	32,319	
ASB (Real Estate)	1.00	2,585,377	25,854	1.00 % of First \$5 M 1.00 % Thereafter
Principal Enhanced Property Fund	1.40	1,333,508	18,669	1.40 % of Assets
Total Real Estate	1.14	3,918,885	44,523	
Total Cash Reserves		1,647,914	-	
Total Fund	0.44	52,530,971	233,443	



Total Fund Compliance:			
	Yes	No	N/A
1. The Total Plan return equaled or exceeded the policy index return over the trailing three year period.	✓		
2. The Total Plan return equaled or exceeded the policy index return over the trailing five year period.	✓		
3. The Total Plan return equaled or exceeded the 7.25% actuarial rate of return over the trailing five year period.		✓	
4. The Total Plan return equaled or exceeded the 7.25% actuarial rate of return over the trailing ten year period.		✓	
5. The Total Plan return equaled or exceeded the Consumer Price Index (CPI) plus 3.00% over the trailing three year period.		✓	
6. The Total Plan return equaled or exceeded the Consumer Price Index (CPI) plus 3.00% over the trailing five year period.		✓	
7. The Total Plan return equaled or exceeded the Consumer Price Index (CPI) plus 3.00% over the trailing ten year period.		✓	
8. The Total Plan return ranked within the top 50th percentile of its peer group over the trailing three year period.	✓		
9. The Total Plan return ranked within the top 50th percentile of its peer group over the trailing five year period.	✓		
10. The Total Plan return ranked within the top 50th percentile of its peer group over the trailing ten year period.		✓	
Equity Compliance:			
	Yes	No	N/A
1. The Total Equity return equaled or exceeded the total equity index over the trailing three year period.	✓		
2. The Total Equity return equaled or exceeded the total equity index over the trailing five year period.	✓		
3. No single equity holding accounts for more than 12% of the market value of any manager's portfolio.	✓		
4. The stock of no single corporation accounts for more than 5% of the market value of the total fund.	✓		
5. The total equity allocation was less than 70% of the total plan assets at market value.	✓		
Fixed Income Compliance:			
	Yes	No	N/A
1. The Total Fixed Income return equaled or exceeded the total fixed income index over the trailing three year period.	✓		
2. The Total Fixed Income return equaled or exceeded the total fixed income index over the trailing five year period.	✓		
3. Excluding US Government issues, no single bond holding accounts for more than 5% of the market value of any manager's portfolio.	✓		
4. The bond of no single corporation accounts for more than 5% of the market value of the total fund.	✓		
5. The total global fixed income allocation was less than 25% of the total plan assets at market value.	✓		



Killeen Firefighters' Relief & Retirement Fund
Compliance Checklist
As of December 31, 2022

	VG 500**			Fidelity LCG**			Brandywine*			VG Ext Mkt**			VG Int Value		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three and five year periods.			✓			✓	✓					✓		✓	
2. Manager ranked within the top 50%-tile over trailing three and five year periods.			✓			✓	✓					✓	✓		
3. Less than four consecutive quarters of under performance relative to the benchmark.			✓			✓	✓					✓	✓		
4. Three and five-year standard deviation is lower than the index			✓			✓		✓				✓		✓	
5. Manager maintained style consistency for the mandate	✓			✓			✓			✓			✓		
6. Manager maintained low turnover in portfolio team or senior management.	✓			✓			✓			✓			✓		
7. Benchmark and index remained the same for the portfolio.	✓			✓			✓			✓			✓		
8. Manager sustained compliance with IPS.	✓			✓			✓			✓			✓		
9. No investigation by SEC was conducted on the manager.	✓			✓			✓			✓			✓		
10. Manager did not experience a merger or sale of the firm	✓			✓			✓			✓			✓		
11. Manager did not experience significant asset flows into or out of the company.	✓			✓			✓			✓			✓		
12. Manager is charging the same fee.	✓			✓			✓			✓			✓		
13. No reported servicing issues with manager.	✓			✓			✓			✓			✓		

*Only 3 year data available. **Index Fund.

	Am Euro			Dodge & Cox			PIMCO Div			PIMCO Tac			Blackrock*		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three and five year periods.		✓		✓					✓		✓			✓	
2. Manager ranked within the top 50%-tile over trailing three and five year periods.		✓		✓					✓	✓				✓	
3. Less than four consecutive quarters of under performance relative to the benchmark.	✓			✓			✓				✓		✓		
4. Three and five-year standard deviation is lower than the index		✓			✓				✓		✓		✓		
5. Manager maintained style consistency for the mandate	✓			✓			✓			✓			✓		
6. Manager maintained low turnover in portfolio team or senior management.	✓			✓			✓			✓			✓		
7. Benchmark and index remained the same for the portfolio.	✓			✓			✓			✓			✓		
8. Manager sustained compliance with IPS.	✓			✓			✓			✓			✓		
9. No investigation by SEC was conducted on the manager.	✓			✓			✓			✓			✓		
10. Manager did not experience a merger or sale of the firm	✓			✓			✓			✓			✓		
11. Manager did not experience significant asset flows into or out of the company.	✓			✓			✓			✓			✓		
12. Manager is charging the same fee.	✓			✓			✓			✓			✓		
13. No reported servicing issues with manager.	✓			✓			✓			✓			✓		

*Only 3 year data available



Killeen Firefighters' Relief & Retirement Fund
Compliance Checklist
As of December 31, 2022

	ASB			Principal			Pacific		
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
1. Manager outperformed the index over the trailing three and five year periods.		✓				✓			✓
2. Manager ranked within the top 50%-tile over trailing three and five year periods.		✓				✓			✓
3. Less than four consecutive quarters of under performance relative to the benchmark.		✓				✓			✓
4. Three and five-year standard deviation is lower than the index	✓					✓			✓
5. Manager maintained style consistency for the mandate	✓			✓			✓		
6. Manager maintained low turnover in portfolio team or senior management.	✓			✓			✓		
7. Benchmark and index remained the same for the portfolio.	✓			✓			✓		
8. Manager sustained compliance with IPS.	✓			✓			✓		
9. No investigation by SEC was conducted on the manager.	✓			✓			✓		
10. Manager did not experience a merger or sale of the firm	✓			✓			✓		
11. Manager did not experience significant asset flows into or out of the company.	✓			✓			✓		
12. Manager is charging the same fee.	✓			✓			✓		
13. No reported servicing issues with manager.	✓			✓			✓		

Total Fund Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-1990	
Russell 3000 Index	32.50
MSCI AC World ex USA	16.00
Blmbg. U.S. Aggregate Index	34.50
Bloomberg Global Aggregate	7.00
CPI + 5%	10.00
Jul-2014	
Russell 3000 Index	41.50
MSCI AC World ex USA	15.00
Blmbg. U.S. Aggregate Index	30.00
Bloomberg Global Aggregate	5.00
HFRX Global Hedge Fund Index	3.50
CPI + 5%	5.00
Jul-2016	
Russell 3000 Index	41.50
MSCI AC World ex USA	15.00
Blmbg. U.S. Aggregate Index	25.00
Bloomberg Global Aggregate	5.00
HFRX Global Hedge Fund Index	3.50
CPI + 5%	5.00
NCREIF Fund Index-ODCE (VW)	5.00
Apr-2019	
Russell 3000 Index	40.00
MSCI AC World ex USA	15.00
Blmbg. U.S. Aggregate Index	24.00
Bloomberg Global Aggregate	5.00
NCREIF Fund Index-ODCE (VW)	7.50
CPI + 5%	4.25
50% ACWI/50% Bloomberg Agg	4.25

Allocation Mandate	Weight (%)
Jul-2019	
Russell 3000 Index	42.00
MSCI AC World ex USA	15.00
Blmbg. U.S. Aggregate Index	26.00
Bloomberg Global Aggregate	5.00
NCREIF Fund Index-ODCE (VW)	7.50
90 Day U.S. Treasury Bill	1.00
ICE BofA U.S. High Yield Index	3.50

Total Equity Portfolio Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
Russell 3000 Index	73.00
MSCI AC World ex USA	27.00



Total Domestic Equity Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
Russell 3000 Index	100.00

Total Fixed Income Portfolio Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
Blmbg. U.S. Aggregate Index	83.00
Bloomberg Global Aggregate	17.00

Total International Equity Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
MSCI AC World ex USA	100.00

Total Domestic Fixed Income Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
Blmbg. U.S. Aggregate Index	100.00

Vanguard International Value Fund Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-1970	
MSCI EAFE Index	100.00
Jun-2010	
MSCI AC World ex USA	100.00

Total Global Fixed Income Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
Bloomberg Global Aggregate	100.00

Total Real Estate Portfolio Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-1978	
NCREIF Fund Index-ODCE (VW)	100.00

Total Alternative Investments Historical Hybrid Composition

Allocation Mandate	Weight (%)
Jan-2010	
CPI + 5%	60.00
HFRX Global Hedge Fund Index	40.00
Apr-2019	
Russell 3000 Index	30.00
Blmbg. U.S. Aggregate Index	30.00
ICE BofA U.S. High Yield Index	40.00

- Historical data has been recreated using monthly statements from Fidelity with an inception date of January 1, 2010.
- The Total Fund IPS Benchmark is constructed using the allocations in the new Investment Policy Statement approved March 19, 2021.

Active Return	- Arithmetic difference between the manager's performance and the designated benchmark return over a specified time period.
Alpha	- A measure of the difference between a portfolio's actual performance and its expected return based on its level of risk as determined by beta. It determines the portfolio's non-systemic return, or its historical performance not explained by movements of the market.
Beta	- A measure of the sensitivity of a portfolio to the movements in the market. It is a measure of the portfolio's systematic risk.
Consistency	- The percentage of quarters that a product achieved a rate of return higher than that of its benchmark. Higher consistency indicates the manager has contributed more to the product's performance.
Distributed to Paid In (DPI)	- The ratio of money distributed to Limited Partners by the fund, relative to contributions. It is calculated by dividing cumulative distributions by paid in capital. This multiple shows the investor how much money they got back. It is a good measure for evaluating a fund later in its life because there are more distributions to measure against.
Down Market Capture	- The ratio of average portfolio performance over the designated benchmark during periods of negative returns. A lower value indicates better product performance
Downside Risk	- A measure similar to standard deviation that utilizes only the negative movements of the return series. It is calculated by taking the standard deviation of the negative quarterly set of returns. A higher factor is indicative of a riskier product.
Excess Return	- Arithmetic difference between the manager's performance and the risk-free return over a specified time period.
Excess Risk	- A measure of the standard deviation of a portfolio's performance relative to the risk free return.
Information Ratio	- This calculates the value-added contribution of the manager and is derived by dividing the active rate of return of the portfolio by the tracking error. The higher the Information Ratio, the more the manager has added value to the portfolio.
Public Market Equivalent (PME)	- Designs a set of analyses used in the Private Equity Industry to evaluate the performance of a Private Equity Fund against a public benchmark or index.
R-Squared	- The percentage of a portfolio's performance that can be explained by the behavior of the appropriate benchmark. A high R-Squared means the portfolio's performance has historically moved in the same direction as the appropriate benchmark.
Return	- Compounded rate of return for the period.
Sharpe Ratio	- Represents the excess rate of return over the risk free return divided by the standard deviation of the excess return. The result is an absolute rate of return per unit of risk. A higher value demonstrates better historical risk-adjusted performance.
Standard Deviation	- A statistical measure of the range of a portfolio's performance. It represents the variability of returns around the average return over a specified time period.
Total Value to Paid In (TVPI)	- The ratio of the current value of remaining investments within a fund, plus the total value of all distributions to date, relative to the total amount of capital paid into the fund to date. It is a good measure of performance before the end of a fund's life
Tracking Error	- This is a measure of the standard deviation of a portfolio's returns in relation to the performance of its designated market benchmark.
Treynor Ratio	- Similar to Sharpe ratio but utilizes beta rather than excess risk as determined by standard deviation. It is calculated by taking the excess rate of return above the risk free rate divided by beta to derive the absolute rate of return per unit of risk. A higher value indicates a product has achieved better historical risk-adjusted performance.
Up Market Capture	- The ratio of average portfolio performance over the designated benchmark during periods of positive returns. A higher value indicates better product performance.

AndCo compiled this report for the sole use of the client for which it was prepared. AndCo is responsible for evaluating the performance results of the Total Fund along with the investment advisors by comparing their performance with indices and other related peer universe data that is deemed appropriate. AndCo uses the results from this evaluation to make observations and recommendations to the client.

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