Dallas Employees Retirement Fund

WELLINGTON MANAGEMENT®

Core Bond

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12 April 2022



Agenda

| Section one | Wellington Management Company LLP overview |
|---------------|--|
| Section two | . Core Bond overview |
| Section three | . Appendix |



BY THE NUMBERS

Business

USD 1,426 billion of client assets under management

2,464 clients

62 countries in which clients are based

People and portfolios

926 investment professionals

17 years of experience, on average

195 partners all active at the firm

Heritage: key dates

| пептаge. | key dates |
|----------|---|
| 1928 | Wellington Fund – the first US balanced fund |
| 1979 | Establishment of our private partnership |
| 1994 | Our first long – short strategy |
| 2014 | Our first dedicated private equity strategy |
| 2015 | Global Impact: Our first diversified impact investing strategy in public equities |

As of 31 December 2021

Wellington Management today

A trusted advisor and strategic partner to clients worldwide









OWNERSHIP MODEL

Long-term perspective of a private partnership structure

Attract and retain investment talent

Independent: No public shareholders, no outside capital

Interests aligned with clients

BUSINESS MODEL

Singular focus on investment management

Diversification by asset class, geography, and client type

Research for client benefit only

Commitment to bringing the right resources to each client

INVESTMENT MODEL

Comprehensive capabilities

Rigorous proprietary research

Career analysts

Global resources

Empowered portfolio teams

CULTURE

Open, collaborative

Performance driven

Professional/collegial

High standards, ethics, and integrity

Global diversity and inclusion



CURRENT LEADERSHIP INITIATIVES

Globalization

Sustainable investing and ESG research

Investment science and research-data analytics

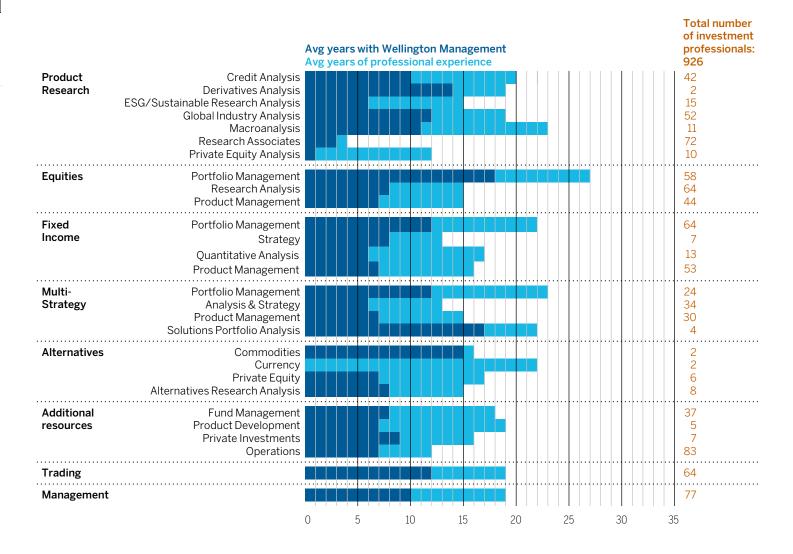
Investment risk management

Depth, experience, and continuity create interpretation advantage

WELLINGTON MANAGEMENT*

Investors draw on rigorous, proprietary research

We conduct research through fundamental; environmental, social, and corporate governance (ESG); quantitative; macro; and technical lenses



As of 31 December 2021

Our diversity, equity and inclusion strategy pillars

WELLINGTON MANAGEMENT®

DEI Steering Committee

Regional DEI Committees - APAC, Americas and FMFA

Upstanders and Becoming Allies

Global Diversity, Equity and Inclusion Team

13 Diversity Business Networks with regional chapters and two Business Network Councils – Americas and FMFA

20+ External Diversity Associations and Industry Coalitions

Partnered with more than 100 US-based diverse suppliers

Grants with 193 organizations in 11 geographies since 1992

As of 1 March 2021



TALENT

Strengthen our ability to adapt and innovate

Engage differences to achieve higher performance

- Campus Programs
- WMC HBCU Scholars
- Boutique Search Firms
- · Diverse Talent Reviews





Sustain an environment based on shared values. equity and excellence

Involve new perspectives to eliminate groupthink

- Leaders as allies, mentors and sponsors
- Inclusive Leader and Manager Programs
- Groundbreakers and Global Trading Academies
- DE&l education workshops



COMMUNITY

Collaborating with organizations to ensure equal access to education and industry careers

Connecting with global markets, clients and businesses to generate solutions

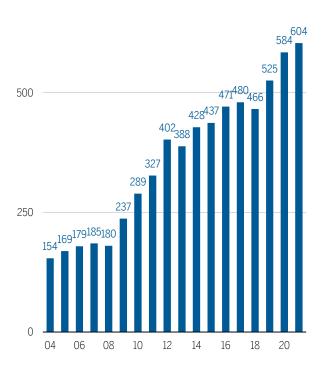
- Industry Coalitions
- Diversity Associations
- Brokerage Forums
- Supplier Diversity Program
- Financial Literacy and Philanthropy



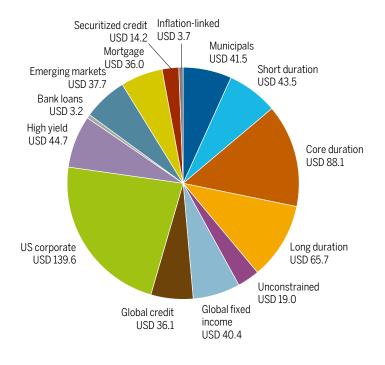
Fixed income assets under management

Expertise across all sectors

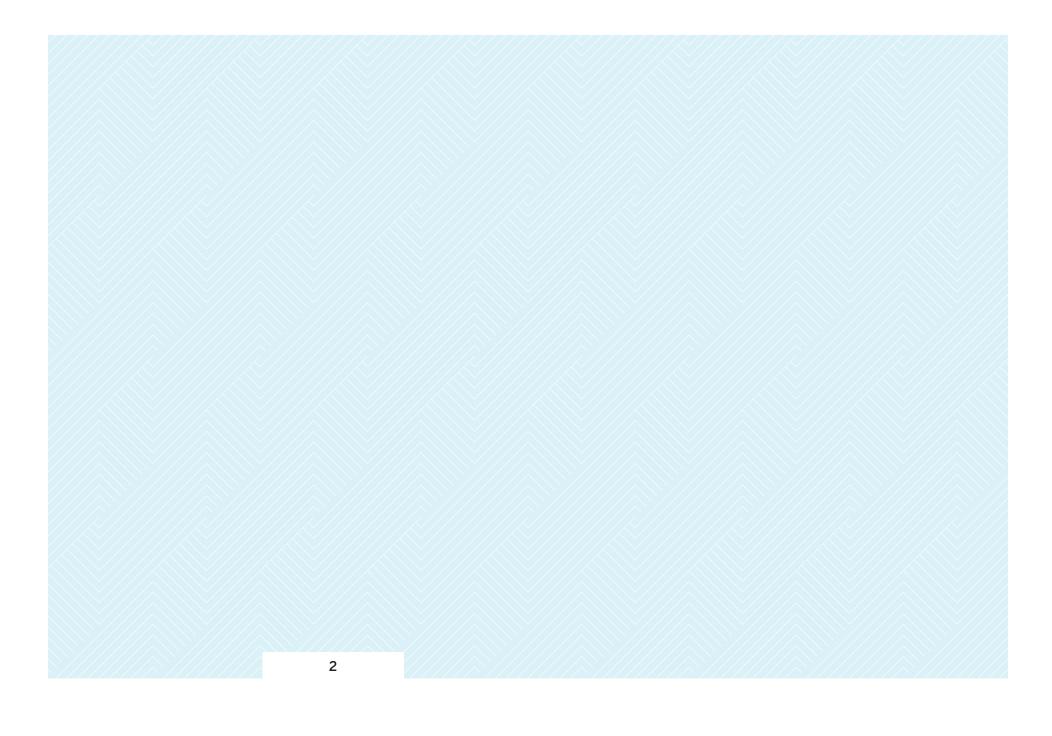




By major investment style (USD bil)



30 September 2021 | Sums may not total due to rounding.



Duration range

Avg credit quality

Broad Markets

Fixed Income platform

Higher quality Lower quality Core/Intermediate Core Bond Plus Multi Sector Credit Description Seeks long-term total return in excess Seeks long-term total return in excess Flexible strategy which seeks to of the US bond market by investing in a of the broad US bond market. Active generate income and total return from a broad range of high-quality US fixed interest rate, sector, and security broadly diversified portfolio of credit income securities, incorporating selection with opportunistic flexibility to instruments. Value is expected to be interest rate, sector, and security invest outside benchmark. added both from top-down sector selection strategies. rotation decisions, as well as bottom-up security selection within sectors. The investment universe consists of a broad range of credit sectors. Complement to core fixed income allocation. Inception date January 1984 January 1990 August 2009 Benchmark Bloomberg US Aggregate or Bloomberg US Aggregate Total return Bloomberg Intermediate US Government/Credit Bond Return objective Index +0.25% to 0.75% Index +1.00% to 1.50% **Expected volatility** T.E. of 50 to 150 bps T.E. of 150 to 250 bps 5 - 8%Opportunity set Primary sectors Primary sectors Opportunistic/ Primary sectors Opportunistic/ US treasuries High yield US treasuries Tactical sectors Tactical sectors Agency MBS Bank loans Agency MBS High yield IG Credit IG Credit IG Credit Bank loans Emerging Agency MBS Structured credit Structured Emerging Structured markets markets credit credit Convertible Convertible bonds bonds Non-dollar Non-dollar

Index ±1.5 years

AA/A

The characteristics presented are sought during the portfolio management process. Actual experience may not reflect all of these characteristics, or may be outside of stated ranges.

Index ±1.0 years

AA/A

2 to 6 years

B/BB



Core Bond

Distinguishing features

Stability

The investment team is comprised of three Partners of the firm, which helps to reduce key person risk and greater attention to succession planning

Specialist breadth

The investment process is designed to harness the breadth of specialist resources across fixed income and equities

Collaboration between fixed income and equity specialists has led to some of the team's most successful outcomes

Diverse return sources

The breadth of sector specialist expertise should reduce reliance on any individual return driver over time and may improve a portfolio's risk-return characteristics

The data shown is of a representative account, is for informational purposes only, is subject to change, and is not indicative of future portfolio characteristics or returns I PAST PESULTS APE NOT

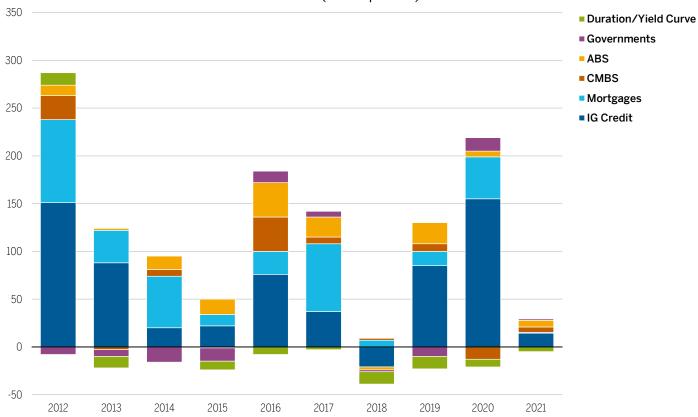
returns. | PAST RESULTS ARE NOT NECESSARILY INDICATIVE OF FUTURE RESULTS AND AN INVESTMENT CAN LOSE VALUE. |

Gross performance results are net of commissions and other direct expenses, but before (gross of) advisory fees, custody charges, withholding taxes, and other indirect expenses, and include reinvestment of dividends and other earnings. If all expenses were reflected, the performance shown would be lower. Actual fees will vary depending on, among other things, the applicable fee schedule and account size. | For use in one-on-one presentations only. | This information complements the GIPS® Composite Report included at the end of the materials. Please refer to the Important Disclosures page for additional information.

Core Bond

Annual contribution to alpha

Performance ended 31 December 2021 (basis points)



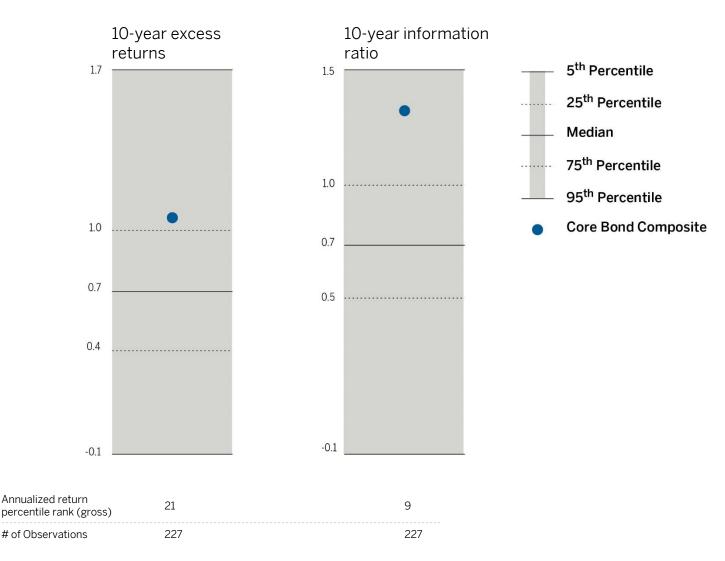
Source: eVestment Alliance | The US Core Fixed Income manager returns are presented as of 30 September 2021. The inception of the Core Bond composite was 31 December 1984. The peer group comparison represents percentile rankings, which are based on gross of fee returns and reflect where those returns or given metric fall within the indicated eVestment universe. Peer relative results are shown relative to all gross-of-fees track records within the US Core Fixed Income approaches as defined by eVestment Alliance. Constituent observations are as 15 December 2021. The Adviser did not pay a fee to be included in the rankings. Data is that of a third party. While data is believed to be reliable, no assurance is being provided as to its accuracy or completeness.

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Core Bond Composite

Comparative US Core Fixed Income manager returns



Core Bond

Key characteristics

| Benchmark | Bloomberg US Aggregate Bond Index |
|---------------------|---|
| Average duration | Within ±1.0 years of Index |
| Diversification | Broad (by coupon, industry, issuer) |
| Vehicles | Separate account Commingled pools |
| Investment universe | US dollar denominated investment grade securities |

| Sector exposure | Historic portfolio ranges (%) | Bloomberg US Aggregate Bond Index (%) |
|---|-------------------------------|--|
| US treasuries and agencies | 0 – 50 | 40 |
| Corporate credit | 10 – 50 | 30 |
| Agency MBS | 20 – 70 | 30 |
| Structured finance (Non-agency RMBS, CMBS, ABS, CLOs) | 20 – 40 | < 5 |

The characteristics presented are sought during the portfolio management process. Actual experience may not reflect all of these characteristics, or may be outside of stated ranges.

Broad Markets Investment team

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Broad markets team



Joe Maryan, CFA Portfolio Manager 34 years of professional experience



Brij Khurana Portfolio Manager 14 years of professional experience



Jeremy Forster Portfolio Manager 17 years of professional experience



Campe Goodman, CFA Portfolio Manager 23 years of professional experience



Rob Burn, CFA Portfolio Manager 21 years of professional experience



Lia Kirakossian Solutions Portfolio Manager 17 years of professional experience



Adam Chrissis. CFA. FRM Senior Portfolio Analyst 9 years of professional experience



Mihir Shah, CFA Senior Portfolio Analyst 7 years of professional experience



Aaron Mayo, CFA Portfolio Analyst 6 years of professional experience



Evelvn Chen Portfolio Analyst 3 years of professional Experience

Sector specialist portfolio managers

Brian Conrov. CFA Agency Mortgages 15 years of professional experience

Samuel Epee-Bounya **Emerging Markets**

22 years of professional experience

Kvra Fecteau. CFA

Securitized Credit 13 years of professional experience

Tim Haney, CFA

Municipals 33 years of professional experience

Jeff Heuer, CFA Bank Loans

Michael Hong, CFA Global High Yield

26 years of professional experience

Chris Jones, CFA Global High Yield

31 years of professional experience

Kevin Murphy

Emerging Markets

35 years of professional experience Cory D. Perry, CFA

Securitized Credit

24 years of professional experience

Scott St. John, CFA Investment Grade Credit

33 years of professional experience 29 years of professional experience

Research/Trading

Global High Yield/Bank Loans 16 Credit analysts

Emerging Markets Debt 4 Credit analysts

Securitized 4 Credit analysts IG Credit/Taxable Municipals 18 Credit analysts

Fixed Income Syndicate 4 traders

Secondary Trading 39 traders

Product Management

Anand Dharan, CFA Investment Director

Sean Sullivan Investment Specialist

Sam Rowlev Investment Analyst

Additional resources

11 Macro strategists

51 Global Industry analysts

15 ESG/Sustainability research

24 Risk Professionals

19 Multi-Asset analysts

31 March 2022

Core Bond

Macro Economy

Investment process

Growth Historical value Central bank policy Broad Markets Team Risk Scenario **Lead Portfolio** allocation testing Manager Sector Specialists **Technical** Other Supply & Demand balance Geopolitical Trading Demographics Institutional flow Regulatory

Technology

Valuation

Intrinsic value

Regular meetings

Broad market morning meeting

Weekly PM meeting

Weekly sector allocation meeting

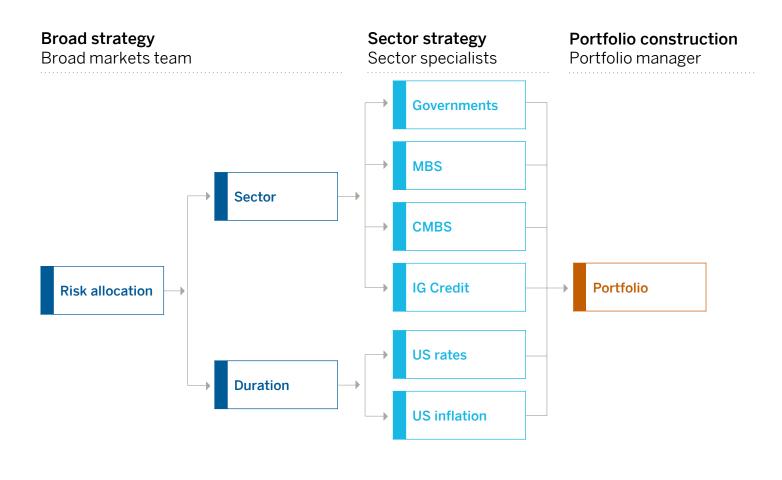
Bi-weekly risk meeting

Monthly sector meeting

Bi-monthly fundamental meeting

Core Bond

Investment process





Broad risk allocation Rates Sectors Specialist risk allocation Alpha/tracking risk Drawdown Risk monitoring Ex-ante active risk Ex-post attribution

Development of a trade

Adding short duration corporates

WELLINGTON MANAGEMENT®

Catalyst

Thesis

Sector specialist discussion

Trade idea

Sizing and implementation

Market environment

Positive US economic fundamentals and a stable near-term monetary policy outlook led Wellington Management's macroanalysts to be positive on near-term growth prospects

Credit analysts remained constructive on credit fundamentals, particularly in Financials



Joseph F. Marvan, CFA Fixed Income Portfolio Manager

Short duration corporates looked attractive in this environment due to

- Valuation: Early-2018 selloff made frontend credit yields look oversold
- Technicals: We expected that supply/ demand technicals had been temporarily exacerbated by elevated hedge costs and corporate cash repatriation



Scott I. St. John, CFA Fixed Income Portfolio Manager

Attractiveness of short credit differed by sector. The IG Credit Team was positive broadly on Financials and on select retail names (e.g., CVS)



Terri Cancelarich, CFA Fixed Income Credit Analyst

IG Credit Analysts suggested focusing specifically on the Insurance sector, and shared guidance on specific issuers with attractive short-dated debt

The Short Duration Investment Team shared further guidance on Insurance issuers with attractive short-dated debt



Adam C. Chrissis, CFA, FRM Fixed Income Portfolio Analyst

Portfolio Analysts led coordination between the investment team, Credit Analysts, and Trading, creating transparency on available issues and levels at which the team was willing to buy





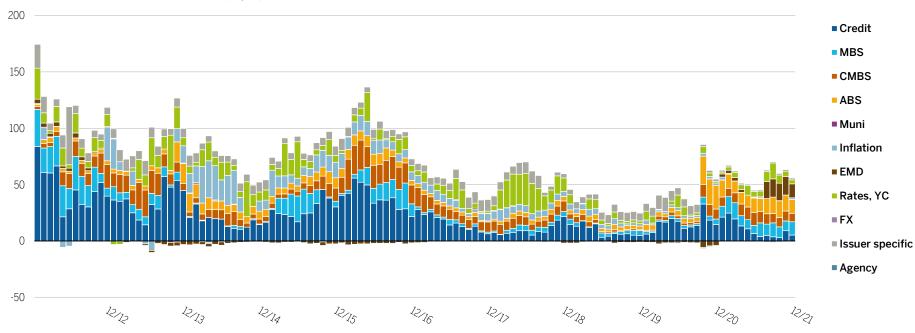
Masaya Okoshi Director, Credit Trading, Americas

The example shown is presented for illustrative purposes only and is not to be viewed as representative of actual holdings. It should not be assumed that any client is invested in the (or similar) example, nor should it be assumed that an investment in the example has been or will be profitable. Actual holdings will vary for each client and there is no guarantee that a particular client's account will hold the example presented.

Core Bond

Active risk exposure over time Representative account

Contribution to active risk (bps)



Benchmark: Bloomberg US Aggregate Bond | Please note the benchmark shown is the client-specific benchmark for the representative account. Designated representative accounts may have changed and historical benchmark data represents the benchmark of the representative account over time. Additional benchmark detail is available upon request. | Source: Wellington Management Noether Risk Model. The model was implemented starting on 1 October 2020 and could result in significant one-time value changes as a result of the risk model change. Please refer to the Important Disclosures for more information. | The first data point displayed may not correspond to the inception date of the account and is based upon the account's configuration within the FIRE system. | The data shown is of a representative account, is for informational purposes only, is subject to change, and is not indicative of future portfolio characteristics or returns. This information complements the GIPS® Composite Report included at the end of the materials. Please refer to the Important Disclosures page for additional information. | Chart data: 31 January 2012 - 31 December 2021

Investment risk oversight at Wellington Management

WELLINGTON MANAGEMENT®

Line Management

Team/resource focus

High frequency interaction

Assess resource needs

Investment team reviews

Risk Advisory Council

Informal, tactical

Small group of specialists

Focus on investment risk topics

Portfolio Manager

Philosophy Process Risk Approach

Global Risk and Analytics

Independent reporting line

Lead independent oversight

Strategy level across asset classes

Match risk with conviction

Set best practices for analytics/tools

Product Management

Independent reporting line

Trade and client portfolio level focus

High frequency interaction

Style consistency/capacity/risks

Investment Review Group

Formal, strategic

Senior Portfolio Manager peer oriented review

Focus on fiduciary topics

Core Bond

Investment returns and risk measures 10 year Up/Down market capture ratio: 111%/87%

| As of 31 December 2021 (%, | USD) | |
|----------------------------|------|--|
|----------------------------|------|--|

| | 3 mos | 1 yr | 3 yrs | 5 yrs | 10 yrs |
|------------------------------------|-------|-------|-------|-------|--------|
| Core Bond Composite (gross) | 0.05 | -1.26 | 5.83 | 4.34 | 3.90 |
| Core Bond Composite (net) | -0.02 | -1.51 | 5.56 | 4.06 | 3.61 |
| Bloomberg US Aggregate Bond | 0.01 | -1.54 | 4.79 | 3.57 | 2.90 |
| Active return (gross vs benchmark) | 0.03 | 0.28 | 1.04 | 0.77 | 1.01 |

Sums may not total due to rounding. | Performance returns for periods one year or less are not annualized.

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Gross performance results are net of commissions and other direct expenses, but before (gross of) advisory fees, custody charges, withholding taxes, and other indirect expenses, and include reinvestment of dividends and other earnings. Net performance results are based on the highest published US advisory fee for this product, include reinvestment of dividends and other earnings, and are net of advisory fees, commissions, and other direct expenses, but before custody charges, withholding taxes, and other indirect expenses. Composite returns have the potential to be adjusted until reviewed and finalized 30 days following each calendar quarter end period. This information complements the GIPS® Composite Report included at the end of the materials. Please refer to the Important Disclosures page for additional information.

| | 2021 | 2020 | 2019 | 2018 | 2017 | 2016 |
|------------------------------------|-------|------|------|-------|------|------|
| Core Bond Composite (gross) | -1.26 | 9.38 | 9.75 | -0.31 | 4.66 | 4.30 |
| Core Bond Composite (net) | -1.51 | 9.11 | 9.47 | -0.60 | 4.35 | 3.99 |
| Bloomberg US Aggregate Bond | -1.54 | 7.51 | 8.72 | 0.01 | 3.54 | 2.65 |
| Active return (gross vs benchmark) | 0.28 | 1.87 | 1.03 | -0.32 | 1.12 | 1.65 |

| | 2015 | 2014 | 2013 | 2012 | |
|------------------------------------|------|------|-------|------|--|
| Core Bond Composite (gross) | 0.71 | 6.55 | -0.99 | 7.02 | |
| Core Bond Composite (net) | 0.41 | 6.23 | -1.29 | 6.70 | |
| Bloomberg US Aggregate Bond | 0.55 | 5.97 | -2.02 | 4.21 | |
| Active return (gross vs benchmark) | 0.16 | 0.58 | 1.03 | 2.81 | |

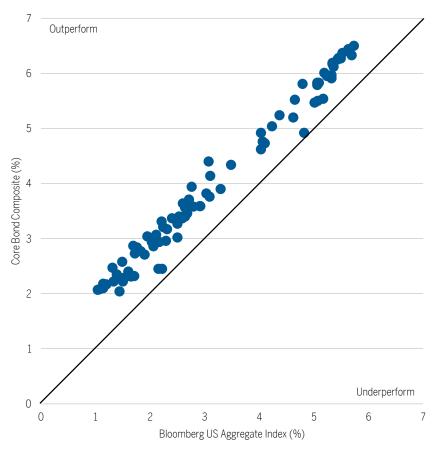
Core Bond composite and the Bloomberg US Aggregate Index displayed to illustrate the trailing 10 year period | PAST RESULTS ARE NOT NECESSARILY INDICATIVE OF FUTURE RESULTS AND AN INVESTMENT CAN LOSE VALUE.

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Core Bond

Consistent historical performance

3-year annualized gross returns, rolling monthly, trailing 10-years as of 31 December 2021



Core Bond

Outlook and strategy – Second quarter 2022

Outlook

Economy/Interest rates Expect growth to moderate from Close to neutral risk posture; preserving elevated level as fiscal and monetary cash/liquidity support wane; expect series of 50bps hikes by Fed High savings and relatively low interest Remaining tactical in duration rates still supportive of consumer spending and help soften the impact of persistent inflation pressures MBS MBS spreads appear attractive relative Overweight to agency pass-throughs, to US Treasuries; rising rates to slow focusing on relative value opportunities and prepayment speeds income Balance sheet normalization expected in the coming months and could pressure MBS spreads, though we don't expect outright MBS sales this year Corporate bonds Leverage has declined back to the Neutral IG corporate bonds; added exposure lowest levels since 2015 but credit after spreads widened in response to fundamental improvement has peaked Russia/Ukraine conflict Shareholder-friendly activities remain Focus on identifying inefficiencies in the low for now but we will be closely pricing of risk monitoring whether M&A activity picks up Structured finance Significant housing supply shortage and Own structured finance tied to residential strong demand are driven by structural mortgages, high quality CLOs, DUS, CMOs, forces that we expect to remain intact and senior CMBS tranches with attractive for an extended period collateral CLOs are well-diversified across Focus on income and manager quality sectors; benefit from improving bank loan fundamentals and rising rates

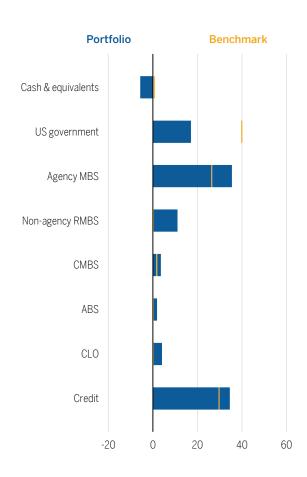
Strategy

Information contained within Outlook section contains estimates and forecasts. Actual results may differ significantly from information shown. Forecasts rely upon assumptions and other expectations of future outcomes and is therefore subject to numerous limitations and biases. Future occurrences and results, which may also be formulated based on subjective inputs (i.e., strategist/analyst judgment), will differ, perhaps significantly, from those reflected in the charts and/or graphs within.

Core Bond

Portfolio positioning as of 31 December 2021

Sector (MV %)



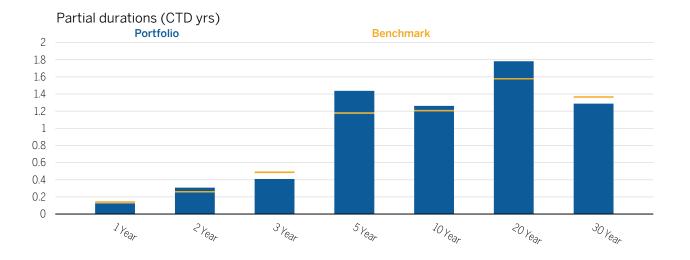
Sector detail (MV %)

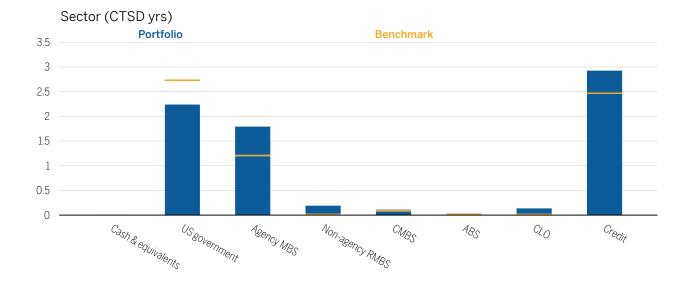
| , , | Portfolio | Benchmark |
|--------------------------|--------------|--------------|
| Cash & equivalents | -5.62 | 0.85 |
| US government | 17.09 | 40.15 |
| Treasuries | 16.56 | 38.80 |
| TIPS | 0.53 | - |
| US agencies | - | 1.36 |
| Agency MBS | 35.54 | 26.70 |
| Pass-throughs | 33.51 | 26.70 |
| CMO | 2.03 | - |
| ARMs | 0.00 | - |
| Non-agency RMBS | 11.09 | _ |
| CMBS | 3.62 | 2.02 |
| Conduit | 2.58 | 1.12 |
| Single borrower | 0.70 | _ |
| Agency guaranteed | 0.02 | 0.90 |
| Other CMBS | 0.33 | _ |
| ABS | 1.91 | 0.30 |
| Autos | 0.64 | 0.20 |
| Unsecured | 0.58 | 0.02 |
| Other ABS | 0.69 | 0.08 |
| CLO | 4.14 | _ |
| Credit | 34.57 | 29.98 |
| Industrials | 14.98 | 15.15 |
| Financials | 8.65 | 8.10 |
| Utilities | 3.38 | 2.12 |
| Non-corporates | 3.35 | 3.51 |
| Credit index derivatives | 2.39 | - |
| Taxable municipal | 1.76 | 1.10 |
| Tax exempt municipal | 0.05 | _ |

Benchmark: Bloomberg US Aggregate Bond. | "Other" within Sector (when applicable) includes security types that do not fall within the displayed categories. | The data shown is of a representative account, is for informational purposes only, is subject to change, and is not indicative of future portfolio characteristics or returns. This information complements the GIPS® Composite Report included at the end of the materials. Please refer to the Important Disclosures page for additional information.

Core Bond

Portfolio positioning as of 31 December 2021





Benchmark: Bloomberg US Aggregate Bond. | "Other" within Sector (when applicable) includes security types that do not fall within the displayed categories. | The data shown is of a representative account, is for informational purposes only, is subject to change, and is not indicative of future portfolio characteristics or returns. This information complements the GIPS® Composite Report included at the end of the materials. Please refer to the Important Disclosures page for additional information.

Core Bond

Portfolio characteristics

Statistics

As of 31 December 2021

| | AS 01 31 December 2021 | | | | | | |
|-----------------------------------|------------------------|-----------|------------|--|--|--|--|
| | Portfolio | Benchmark | Difference | | | | |
| Yield to worst (%) | 2.3 | 1.7 | 0.6 | | | | |
| % TBAs (%) | 26.4 | 0 | 26.4 | | | | |
| Option-adjusted spread (bps) | 60 | 27 | 33 | | | | |
| Average quality | AA | AA | | | | | |
| Duration - effective (yrs) | 6.61 | 6.28 | 0.33 | | | | |
| Duration - inflation-linked (yrs) | 0.14 | 0 | 0.14 | | | | |
| Convexity - effective | -0.01 | 0.19 | -0.20 | | | | |
| Duration - spread (yrs) | 7.43 | 6.55 | 0.87 | | | | |

Benchmark: Bloomberg US Aggregate Bond. | Quality ratings are based on the middle of Moody's, S&P, and Fitch (split low). | The data shown is of a representative account, is for informational purposes only, is subject to change, and is not indicative of future portfolio characteristics or returns. This information complements the GIPS® Composite Report included at the end of the materials. Please refer to the Important Disclosures page for additional information.

Core Bond

Key considerations

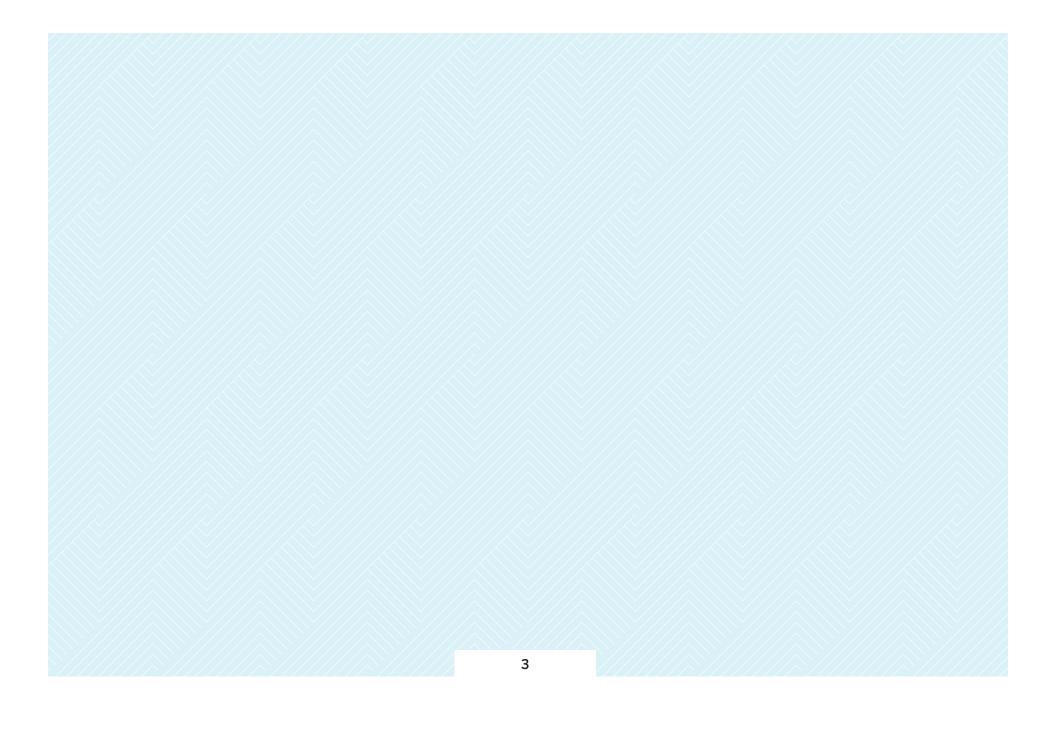
The portfolio will generally be diversified by sector, issuer, and investment strategy, but may hold concentrated positions from time to time

The portfolio adjusts its risk posture at different times in the business cycle, which at times may increase portfolio tracking risk

The portfolio includes positions based on both long-term and short-term investment ideas. The time horizon for macro thematic ideas often have long-term investment horizons, while tactical ideas often have much shorter-term investment horizons.

The portfolio may use derivatives, including both liquid government bond futures and less liquid credit default swaps, for the purpose of risk management and alpha generation. Gross exposure, defined as the sum of all long plus sum of the absolute value of all short positions, may exceed 100% of the market value of the portfolio.

Projected risk statistics are estimated using FIRE, Wellington Management's proprietary risk model. The actual risk profile may differ from projections.





Core BondInvestment risks

PRINCIPAL RISKS

Asset/Mortgage-Backed Securities Risk – Mortgage-related and asset-backed securities are subject to prepayment risk, which is the possibility that the principal of the loans underlying the securities may prepay differently than anticipated at purchase. Because of prepayment risk, the duration of mortgage-related and asset-backed securities may be difficult to predict.

Commingled Fund Risk – Investments in funds or other pooled vehicles generally will indirectly incur a portion of that fund's operating expenses and/or fees and will inherit a proportion of the fund's investment risks. Funds may have different liquidity profiles based on their dealing terms, and the types of instruments in the fund. In the event a fund holds illiquid instruments, it is possible that a full redemption from the fund could result in taking custody of illiquid instruments that could not be sold in the market.

Credit Risk – The value of a fixed income security may decline due to an increased risk that the issuer or guarantor of that security may fail to pay interest or principal when due, as a result of adverse changes to the issuer's or guarantor's financial status and/or business. In general, lower-rated securities carry a greater degree of credit risk than higher-rated securities.

Derivatives Risk – Derivatives can be volatile and involve various degrees of risk. The value of derivative instruments may be affected by changes in overall market movements, the business or financial condition of specific companies, index volatility, changes in interest rates, or factors affecting a particular industry or region. Derivative instruments may provide more market exposure than the money paid or deposited when the transaction is entered into. As a result, a relatively small adverse market movement can not only result in the loss of the entire investment, but may also expose a portfolio to the possibility of a loss exceeding the original amount invested. Derivatives may also be imperfectly correlated with the underlying securities or indices it represents, and may be subject to additional liquidity and counterparty risk. Examples include futures, options and swaps.

Fixed Income Securities Risk – Fixed income security market values are subject to many factors, including economic conditions, government regulations, market sentiment, and local and international political events. In addition, the market value of fixed income securities will fluctuate in response to changes in interest rates, and the creditworthiness of the issuer.

Interest Rate Risk – Generally, the value of fixed income securities will change inversely with changes in interest rates, all else equal. The risk that changes in active interest rates will adversely affect fixed income investments will be greater for longer-term fixed income securities than for shorter-term fixed income securities.

ADDITIONAL RISKS

Credit Derivatives Risk – Credit derivatives transfer price, spread and/or default risks from one party to another and are subject to additional risks including liquidity, loss of value, and counterparty risk. Payments under credit derivatives are generally triggered by credit events such as bankruptcy, default, restructuring, failure to pay, or acceleration. The market for credit derivatives may be illiquid, and there are considerable risks that it may be difficult to either buy or sell the instruments as needed or at reasonable prices. The value and risks of a credit derivative instrument depends largely the underlying credit asset. These risks may include price, spread, default, and counterparty.

Emerging Markets Risk – Investments in emerging and frontier countries may present risks such as changes in currency exchange rates; less liquid markets and less available information; less government supervision of exchanges, brokers, and issuers; increased social, economic, and political uncertainty; and greater price volatility. These risks are likely greater relative to developed markets.



Leverage Risk – Use of leverage increases portfolio exposure and may result in a higher degree of risk, including (i) greater volatility, (ii) greater losses from investments than would otherwise have been the case had leverage not been used to make the investments, (iii) margin calls that may force premature liquidations of investment positions.

Liquidity Risk – Investments with low liquidity may experience market value volatility because they are thinly traded (such as small cap and private equity or private placement bonds). Since there is no guarantee that these securities could be sold at fair value, sales may occur at a discount. In the event of a full liquidation, these securities may need to be held after liquidation date.

Options Risk – An option on a security (or index) is a derivative contract that gives the holder of the option, in return for the payment of a "premium," the right, but not the obligation, to buy from (in the case of a call option) or sell to (in the case of a put option) the writer of the option the security underlying the option (or the cash value of the index) at a specified exercise price prior to the expiration date of the option. Purchasing an option involves the risk that the underlying instrument will not change price in the manner expected, so that the investor loses the premium paid. However, the seller of an option takes on the potentially greater risk of the actual price movement in the underlying instrument, which could result in a potentially unlimited loss rather than only the loss of the premium payment received. Over-the-counter options also involve counterparty risk.

Repo & Reverse Repo Risk – Both repurchase and reverse repurchase transactions involve counterparty risk. A reverse repurchase transaction also involves the risk that the market value of the securities the investor is obligated to repurchase may decline below the repurchase price.



Additional performance information

PAST RESULTS ARE NOT NECESSARILY INDICATIVE OF FUTURE RESULTS. There can be no assurance nor should it be assumed that future investment performance of any strategy will conform to any performance examples set forth in this material or that the portfolio's underlying investments will be able to avoid losses. The investment results and any portfolio compositions set forth in this material are provided for illustrative purposes only and may not be indicative of the future investment results or future portfolio composition. The composition, size of, and risks associated with an investment in the strategy may differ substantially from the examples set forth in this material. An investment can lose value.

Impact of fees

Illustration of impact of fees: If USD100,000 was invested and experienced a 10% annual return compounded monthly for ten years, its ending value, without giving effect to the deduction of advisory fees, would be USD270,704 with an annualized compounded return of 10.47%. If an advisory fee of 0.95% of average net assets per year were deducted monthly for the ten-year period, the annualized compounded return would be 9.43% and the ending USD value would be USD246,355. Information regarding the firm's advisory fees is available upon request.

Selection of representative account

The current representative account became effective on 1 August 1989 because it was the oldest account at the time of selection. For data shown prior to the current representative account effective date, data of the representative account(s) deemed appropriate for the time period was used. Further information regarding former representative accounts can be provided upon request. Each client account is individually managed; individual holdings will vary for each account and there is no guarantee that a particular account will have the same characteristics as described. Actual results may vary for each client due to specific client guidelines, holdings, and other factors. In limited circumstances, the designated representative account may have changed over time, for reasons including, but not limited to, account termination, imposition of significant investment restrictions, or material asset size fluctuations.

Access products

If access products are held by the portfolio they may not be included in the calculation of characteristic data. Access products are instruments used to gain access to equity markets not otherwise available and may include (but are not limited to) instruments such as warrants, total return swaps, p-notes, or zero strike options.

Additional disclosures

Securities indices are unmanaged and are not subject to fees and expenses typically associated with managed accounts or investment funds. Investments cannot be made directly into an index.

Risk model

Noether is an internal proprietary system that comprises a risk model, a stress testing and scenario framework, associated software and infrastructure to calibrate the model, and to perform risk calculations. Noether provides comprehensive and internally calibrated absolute return and benchmark relative ex ante risk measurement across all portfolios managed at Wellington along with an integrated stress testing and scenario analysis capability that leverages Noether's statistical risk model, which is a multi-asset class, globally specified multi factor risk model and covers all asset classes managed at Wellington, including equity, fixed income, multi-asset, and commodities. The model was implemented starting on 1 October 2020 and could result in significant one-time value changes as a result of the risk model change. Prior to this date, the statistical model underlying the risk system is based on Barclays Capital POINT and is fully integrated with Wellington Management's pricing and analytics to provide complete coverage for all securities in Wellington Management's investable universe. The projected tracking risk for portfolios is estimated by calculating the exposures of portfolios to the risk factors in the model, which include factors such as currency, yield curve, and credit spreads, based on the historical volatilities and correlations of these risk factors. For portfolios with a history prior to 1 October 2020, over time risk data presented will have data points from both the Barclays Capital POINT model and the Noether model. Additional information is available upon request.

Benchmark definition

Bloomberg US Aggregate Bond: The Index measures the performance of the U.S. investment grade bond market.

LIBOR risk



The U.K. Financial Conduct Authority has announced cessation and non-representative dates on 35 London Inter-Bank Offered Rate (LIBOR) settings across various tenors and currencies after 2021. Notably, certain widely used US dollar (USD) LIBOR rate settings (overnight, 1-, 3-,6-, and 12-month) will continue to be published in representative forms until 30 June 2023, enabling a smoother transition to alternative reference rates by allowing more time for "difficult-to-amend" legacy contracts/securities to mature. The elimination of LIBOR may adversely affect the interest rates on, as well as the liquidity and value of, certain portfolio investments.

Wellington has established a working group of stakeholders from key areas across the firm to manage the transition away from IBORs. Our LIBOR Replacement Working Group oversees work streams covering all aspects of the management of client assets that we anticipate could be impacted by LIBOR transition to help ensure that our client portfolios are well prepared for this upcoming change. Wellington is utilizing a multi-step implementation framework for transitioning from IBORs to alternative rates, including:

- Establishing a transition program
- Implementing a communication strategy with internal and external constituents, including several white papers
- Identifying and validating exposures across instruments, portfolios, and products as well as contractual and derivatives agreement language
- Developing operational and technology readiness plans to address the large-scale operating model, data, and technology implications required for IBOR transition
- Assessing the potential accounting and reporting implications associated with the transition away from IBORs

When IBORs are discontinued, securities that contain fallback language will transition to an alternative reference rate, depending on the deal documents. Fallback language can vary significantly for cash products based on product type, contract originator, and even origination date, as industry practices have evolved over time. For example, fallback language may provide that the replacement rate be determined based on reference bank quotations, remain permanently fixed from the previous interest period, or be determined by reference to another rate. Some securities lack any fallback language, or contain fallback language that differs from current industry standards. As a result, the liquidity and value of these securities may be adversely impacted in advance of the discontinuation of IBORs. In the event that securities lacking adequate fallback language become illiquid, clients may be forced to hold these securities to maturity.

Schedule of Performance Returns from 01 January 2011 to 31 December 2020

| Period | Gross Return (%) | Net Return (%) | Benchmark Return (%) | Number of Portfolios | Internal Dispersion (%) | Composite Mkt.Value (USD Mil) | Total Firm Assets (USD Mil) |
|--------|---------------------|-------------------|-------------------------|-------------------------|----------------------------|----------------------------------|--------------------------------|
| 2011 | 8.61 | 8.28 | 7.84 | < 6 | N/M | 505 | 651,496 |
| 2012 | 7.02 | 6.70 | 4.21 | < 6 | N/M | 533 | 757,903 |
| 2013 | -0.99 | -1.29 | -2.02 | < 6 | N/M | 529 | 834,441 |
| 2014 | 6.55 | 6.23 | 5.97 | < 6 | N/M | 665 | 914,109 |
| 2015 | 0.71 | 0.41 | 0.55 | < 6 | N/M | 644 | 926,949 |
| 2016 | 4.30 | 3.99 | 2.65 | < 6 | N/M | 777 | 979,210 |
| 2017 | 4.66 | 4.35 | 3.54 | < 6 | N/M | 999 | 1,080,307 |
| 2018 | -0.31 | -0.60 | 0.01 | < 6 | N/M | 1,453 | 1,003,389 |
| 2019 | 9.75 | 9.47 | 8.72 | 6 | N/M | 2,193 | 1,154,735 |
| 2020 | 9.38 | 9.11 | 7.51 | < 6 | N/M | 2,366 | 1,291,419 |

Benchmark: Bloomberg Barclays US Aggregate Bond

N/M: For years where there are less than six portfolios throughout the performance period, Internal Dispersion is not meaningful.

Composite Description: Portfolios included in the Core Bond Composite seek to achieve returns above the Bloomberg Barclays US Aggregate Bond Index by investing in US Treasuries and Agencies, mortgage-backed securities, investment grade corporate bonds, and certain eligible derivative instruments including futures contracts, and swap agreements. The average duration of portfolios included in this composite generally range within +/-1.5 years of the Bloomberg Barclays US Aggregate Index duration. Portfolios included in this composite are restricted from the use of non-US dollar and below investment grade securities. In times of increased market volatility, the composite characteristics may change significantly due to various risk factors. Key risks of this composite, in no particular order include, but are not limited to, Asset/Mortgage-Backed Securities Risk, Credit Risk, Interest Rate Risk, and Derivatives Risk.

Composite Inception Date: The composite inception date is 31 December 1984.

Composite Creation Date: The composite creation date is October 2002.

Composite Membership: All fully discretionary, fee paying portfolios with at least US\$5.0 million in net assets are eligible for inclusion in the composite.

Fee Schedule: Effective 1 March 2019 the institutional separate account fee schedule for this product is:

 Market Value
 Annual Fee

 On the first US\$100 million
 0.25%

 Over US\$100 million
 0.15

Benchmark Definition: Bloomberg Barclays US Aggregate Bond measures the performance of the U.S. investment grade bond market.

Derivatives/Leverage/Shorts: Derivative instruments are used only when and as client guidelines permit. When permitted by client guidelines, portfolios may use exchange-traded and over-the-counter derivative instruments, including interest rate, credit and index futures; interest rate, total rate of return and credit default swaps; bond and swap options; to-be-announced (TBA) securities, bonds for forward settlement, forward rate agreements and other derivative instruments for risk management purposes and otherwise in pursuit of the investment objective of the portfolios in the composite

Typically, portfolios in the composite will use derivative instruments for hedging purposes and in the pursuit of approved investment strategies. Derivative instruments are used either as a substitute for underlying cash or bond positions or to hedge the risk of a portfolio in the composite in a way that is consistent with client investment guidelines. In particular, derivative instruments are used as an efficient alternative to cash bonds in the implementation of duration, yield curve, security selection and sector rotation strategies. The net market value of derivative instruments typically does not exceed 25% of the assets of a portfolio in the composite.

Firm: For purposes of GIPS® compliance, the Firm is defined as all portfolios managed by Wellington Management Company LLP, an independently owned, SEC-registered investment advisor, as well as its affiliates (collectively, Wellington Management). Wellington Management provides investment advisory services to institutions around the world.

GIPS®: Wellington Management claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS® standards. Wellington Management has been independently verified for the periods 1 January 1993 to 31 December 2019. The verification reports are available upon request.

A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. Verification does not provide assurance on the accuracy of any specific performance report.

GIPS® is a registered trademark of CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein.

Performance Calculation: Gross performance results are net of trading expenses. Returns are gross of withholding taxes on dividends, interest and capital gains and include reinvestment of any earnings. Returns, market values, and assets are reported in USD except when otherwise noted. Returns, market values and assets reported in currencies other than USD are calculated by converting the USD monthly return and assets using the appropriate exchange rate (official 4:00 p.m. London closing spot rates). Policies for valuing portfolios, calculating performance, and preparing GIPS composite reports are available upon request.

Net of fees performance reflects the deduction of the highest tier investment management fee ("model fee") that would be charged based on the fee schedule appropriate to you for this mandate, without the benefit of breakpoints and is calculated by subtracting 1/12th of the model fee from monthly gross composite returns. In certain instances Wellington Management may charge certain clients a fee in excess of the standard model fee, such as to legacy clients or clients receiving additional investment services. Performance net of model fees is intended to provide the most appropriate example of the impact management fees would have for you.

Pool investors will experience costs in excess of investment management fees, such as operating expenses and custodial fees. These indirect costs are not reflected in the model fee, or net of fees performance.

Generated on: 19 February 2021

Wellington Management Composite: Core Bond

Schedule of Performance Returns from 01 January 2011 to 31 December 2020

Internal Dispersion: The dispersion measure presented is the asset-weighted standard deviation. The asset-weighted standard deviation measures the dispersion of individual portfolio gross returns relative to the asset-weighted composite return. Only portfolios that have been included in the composite for the full period are included in the standard deviation calculation. Limitations imposed by client guidelines or by law on a portfolio's ability to invest in certain securities or instruments, such as IPO securities, and/or implementation of the firm's Trade Allocation Policies and Procedures, may cause the portfolio's performance to differ from that of the composite.

External Dispersion: The dispersion measure presented is the three-year annualized ex-post standard deviation. It measures the variability of the composite gross returns and the benchmark(s) over the preceding 36-month period. For periods prior to 1 January 2011, the Firm was not required to present the three-year annualized ex-post standard deviation.

| 3-Year Standard Deviation (%) | | | | | | | | | | |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|
| Year | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| Composite | 3.56 | 2.37 | 2.79 | 2.70 | 2.89 | 3 | 2.80 | 2.78 | 2.76 | 3.55 |
| Benchmark | 2.78 | 2.38 | 2.71 | 2.63 | 2.88 | 2.98 | 2.78 | 2.84 | 2.87 | 3.36 |

Composite Listing: Wellington Management's list of composite descriptions is available upon request.

Pooled Fund Listing: Wellington Management's list of pooled fund descriptions is available upon request.

Other Matters: This material contains summary information regarding the investment approach described herein and is not a complete description of the investment objectives, policies, guidelines, or portfolio management and research that supports this investment approach. Any decision to engage Wellington Management should be based upon a review of the terms of the investment management and the specific investment objectives, policies, and guidelines that apply under the terms of such agreement.

Past Performance: Past results are not necessarily indicative of future results and an investment can lose value.

Important Notice

WELLINGTON MANAGEMENT®

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Employees' Retirement Fund of the City of Dallas

Global Fixed Income

April 12, 2022

Mark S. Lindbloom Molly Schwartz, CFA Mark J. Friedrich



Biographies



MARK S. LINDBLOOM 44 Years' Experience

- Western Asset Management Company, LLC, 2005-, Portfolio Manager
- Citigroup Asset Management, 1986-2005, Portfolio Manager
- Brown Brothers Harriman & Co., 1981-1986, Portfolio Manager
- New York Life Ins., 1978-1980, Analyst
- Pace University, M.B.A.
- Rider University, B.S.



MOLLY SCHWARTZ
18 Years' Experience

- Western Asset Management Company, LLC, 2004-, Portfolio Manager
- University of Southern California, M.B.A.
- University of Southern California, B.S. Finance
- Chartered Financial Analyst



MARK J. FRIEDRICH 26 Years' Experience

- Western Asset Management Company, LLC, 2018-, Client Service Executive
- Nuveen, 2016-2018, Senior Vice President
- WisdomTree Asset Management, 2012-2016, Regional Director
- Goldman Sachs, 2010-2012, Vice President, Asset Management Division
- Applied Materials, 2004-2010, Treasury Manager
- Treasurer's Office County of San Diego, 1999-2004, Investment Officer
- San Diego Water Authority, 1996-1999, Senior Financial Analyst
- Santa Clara University, Leavey School of Business, M.B.A. Finance
- San Diego State University, B.S., Business Administration Finance



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About Western Asset



Celebrating Our 50th Anniversary

We are deeply grateful to have had the opportunity to serve our clients for 50 years.

Thank you for your partnership.



About Western Asset

Western Asset is a globally integrated fixed-income manager, sourcing ideas and investment solutions worldwide.

Western Asset At a Glance

- Founded in 1971. Specialist Investment Manager of Franklin Resources, Inc. since July 31, 2020
- Fixed-income value investors
- \$492.4 billion (USD) AUM
 - \$436.8 billion (USD) long-term assets
 - \$55.6 billion (USD) cash and cash equivalent assets
- 762 employees

Organizational Pillars

- Clients first
- Globally integrated
- Team-based
- Active fixed-income
- Integrated risk management



Western Asset's Deep Global Integration Allows Us to Source Investment Ideas and Investment Solutions Across Regions

Investment Management

- 133 investment professionals on five continents and in seven offices
- 24 years average experience
- 38 portfolio and quantitative analysts in portfolio operations

Client Service & Marketing

- 166 staff dedicated to client service
- Specialized teams to meet individual client needs

Risk Management & Operations

- Independent risk management function with 35 professionals including 14 PhDs
- 307 staff dedicated to globally integrated operations

Global Footprint (AUM in USD billions) London New York Inv. Professionals: 18

Managed: \$34.1

Serviced: \$49.1 Total Staff: 63

Total Staff: 1

Zurich

New York
Inv. Professionals: 22
Managed: \$110.5
Serviced: \$94.5
Total Staff: 80

Pasadena (HQ) Inv. Professionals: 59 Managed: \$316.0

Serviced: \$281.3 Total Staff: 493

São Paulo
Inv. Professionals: 19

Managed: \$9.2 Serviced: \$8.9 Total Staff: 59 Tokyo
Inv. Professionals: 4
Managed: \$5.4

Serviced: \$26.4 Total Staff: 25

Hong Kong ●
Total Staff: 1*

Singapore •

Inv. Professionals: 6 Managed: \$4.4 Serviced: \$19.5 Total Staff: 23

Melbourne

Inv. Professionals: 5 Managed: \$12.8 Serviced: \$12.7

Total Staff: 18



Source: Western Asset. As of 31 Dec 21
*Splits time between Hong Kong and Singapore offices

About Western Asset – Clients

Committed to excellence in client service

Representative Client List

Corporate

AT&T Services, Inc. Atmos Energy Corporation **Bayer Corporation** British Airways (US) Campbell Soup Company

Caterpillar Inc. Clark Enterprises, Inc. Cleveland-Cliffs Inc

Consolidated Edison Company Of New York, Inc.

HanesBrands Inc.

International Paper Company

John Lewis Partnership Pensions Trust

Kvaerner

Lee Enterprises

Meijer, Inc. Nestle USA, Inc.

NiSource Inc.

NXP Semiconductor. Inc.

Southern California Edison Company

Springpoint Senior Living

Stellantis

Stolt-Nielsen S.A. (Bermuda)

The Ashforth Company

Thyssenkrupp North America, Inc.

Unisys Corporation

Verizon

Westlake Chemical Corporation

XPO Logistics Inc

Financial Services

Asset Management One Co., Ltd. GuideStone Capital Management, LLC

Highbury Pacific Capital Corp.

Morgan Stanley Custom Solutions

Morgan Stanley Global Wealth Management

Omnis Investments Ltd

Russell Investments

SEI (OCIO)

SMBC Nikko Securities Inc.

Tokio Marine Asset Management Co., Ltd.

Wells Fargo & Company

Public / Gov. / Sovereign Wealth

Anne Arundel (MD) Retirement Systems

Arkansas Local Police and Fire Retirement System Baltimore County (MD) Employees Retirement System

California State Teachers' Retirement System

City of Aurora

City of Grand Rapids Retirement Systems

City of Phoenix Employees' Retirement System compenswiss

Employees' Retirement System of the City of Baton Rouge and Parish of East Baton Rouge

Employees' Retirement System of the State of Rhode Island

Fife Council Pension Fund

Firemen's Annuity and Benefit Fund of Chicago

Fresno County Employees' Retirement Association

Government of Bermuda Public Funds

Indiana State Treasurer's Office

Iowa Public Employees' Retirement System

Kansas Public Employees Retirement System

Los Angeles County Employees Retirement Association

Louisiana Sheriff's Pension & Relief Fund

Marin County Employees' Retirement Association

Minnesota State Board of Investment

Ohio Police & Fire Pension Fund

Oklahoma City Employee Retirement System

Oregon Public Employees Retirement System (PERS)

Public Employee Retirement System of Idaho

Public School Teachers' Pension and Retirement Fund of

Chicago

Salt River Project Agricultural Improvement and Power District School Employees Retirement System of Ohio State of Ohio Bureau of Workers Compensation

Tennessee Valley Authority

Ventura County Employees' Retirement Association

Washington Metro Area Transit Authority

Wichita (KS) Retirement Systems

Wyoming Retirement System

Multi-Employer / Unions

1199SEIU Health Care Employees Pension Fund

Alaska Electrical Trust Funds

Automotive Machinists Pension Trust

Boilermaker Blacksmith National Pension Trust

Carpenters District Council of Kansas City

Construction Industry Laborers

Directors Guild of America-Producer Pension and Health Plans

(DGA - PPHP)

Electrical Workers, IBEW, Local 531

Heavy & General Laborers' Locals 472/172

IBEW Local No. 9

Iron Workers Local #11 Benefit Funds

IUOEE Construction Ind Ret Plan. Locals 302 and 612

Line Construction Benefit Fund

National Education Association of the United States

New England Healthcare Employees Union, District 1199, AFL-CIO

New Jersey Transit

Operating Engineers Local #428 Trust Funds

Pacific Coast Roofers

Retail Wholesale & Department Store Union

SIU Rivers Pension Trust

Southern Nevada Culinary & Bartenders Pension Trust Fund

Teamsters Union Local No. 52 Pension Fund

United Association Union Local No. 290 Plumber, Steamfitter &

Shipfitter Industry Pension Trust

United Food and Commercial Workers Union Local 919 Western Washington Laborers Employers Pension Trust

Health Care

Ascension Investment Management Baylor Scott & White Holdings

CHRISTUS Health

Holy Name Medical Center Kaiser Permanente

LCMC Health

NorthShore University HealthSystem

Sisters of Charity of St. Augustine Health System, Inc.

St. George Corporation

Eleemosvnarv

Abilene Christian University

American Academy in Rome

Baha'i' World Centre

Catholic Relief Services

Catholic Umbrella Pool

Commonfund

Communities Foundation of Texas

Community Foundation of North Central Wisconsin

Domestic & Foreign Missionary Society ECUSA

Glass-Glen Burnie Foundation

Rockford Woodlawn Fund, Inc.

Saint Louis University

Sisters of St. Francis of the Neumann Communities

Strada Education Network, Inc.

Texas Presbyterian Foundation

The Catholic Foundation of Central Florida

The Diocese of Allentown

The Donald B. and Dorothy L. Stabler Foundation

University of Southern California

Wallace H. Coulter Foundation

Washington State University

Insurance

Anthem Companies, Inc.

AXA XL Ltd.

Blue Cross and Blue Shield of Massachusetts, Inc.

Capital BlueCross Inc.

CONTASSUR s.a./n.v

Genworth Financial Inc.

Great-West Life & Annuity Insurance Company

Oil Investment Corporation Ltd.

Pacific Life Insurance Company

As of 31 Jan 22. Please see the Representative Client List Disclosure in the Appendix for more information. All have authorized the use of their names by Western Asset for marketing purposes Such authorization does not imply approval, recommendation or otherwise of Western Asset or the advisory services provided.



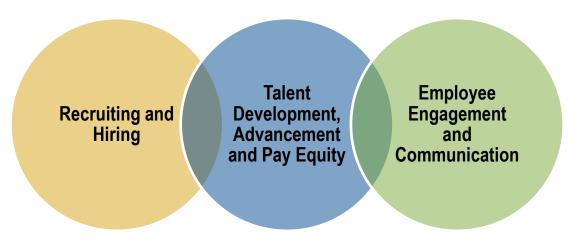
Diversity, Equity & Inclusion at Western Asset

Diversity is a Core Value

Diversity is fundamental to our culture of mutual respect. Cultivating an inclusive environment fosters innovation, high performance and an outstanding client experience.

Western Asset is committed to serving its clients by striving for excellence in our investment management services. To reach our goals and promote our team-based culture, we believe that embedding diversity, equity, and inclusion principles across the entire firm is critical.

Key Pillars of Focus





Investment Philosophy, Process and People



A Value Based Approach to Fixed-Income Investing

US Core Strategy

Investment strategy

- The strategy seeks to maximize total return via a well-diversified, long-term value based core fixed-income portfolio
- The strategy seeks to approximate the risk of the Bloomberg US Aggregate USD Unhedged Index

Characteristics

- Fundamental value based approach that combines both top down macro decisions with bottom up issuer selection
- Active management of duration, curve, sector, sub-sector and issuer exposures
- Diversified portfolio with multiple investment themes

Benchmark

Bloomberg US Aggregate USD Unhedged Index

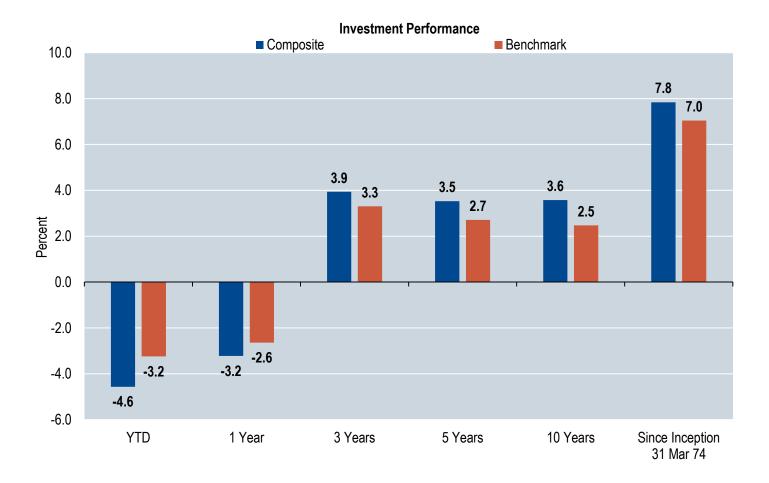
Strategy AUM

\$44.6 billion



Investment Results

US Core vs. Bloomberg US Aggregate USD Unhedged Index February 28, 2022



Source: Western Asset. Performance shown is gross of fees. Returns since inception are as of the indicated close of business day. Returns for periods greater than one year are annualized.

From 01 January 1976, the benchmark is comprised of 100% Bloomberg US Aggregate USD Unhedged Index. From 31 March 1974 to 31 December 1975, the benchmark is comprised of 100% Bloomberg US Government/Credit USD Unhedged Index



Investment Philosophy

These are the core beliefs that drive our investment decision-making.

Long-term fundamental value

- Markets often misprice securities. Prices can deviate from fundamental fair value, but over time, they typically adjust to reflect inflation, credit quality fundamentals and liquidity conditions. Consistently investing in undervalued securities may deliver attractive investment returns.
- We can systematically identify mispricings. We believe we can identify and capitalize on markets and securities that are priced below fundamental fair value. We do this through disciplined and rigorous analysis, comparing prices to the fundamental fair values estimated by our macroeconomic and credit research teams around the globe.
- Our portfolios emphasize our highest convictions. The greater the difference between our view of fair value and markets' pricing, the bigger the potential value opportunity. The greater the degree of confidence in our view of fundamentals, the greater the emphasis of the strategies in our portfolios.

Multiple diversified strategies

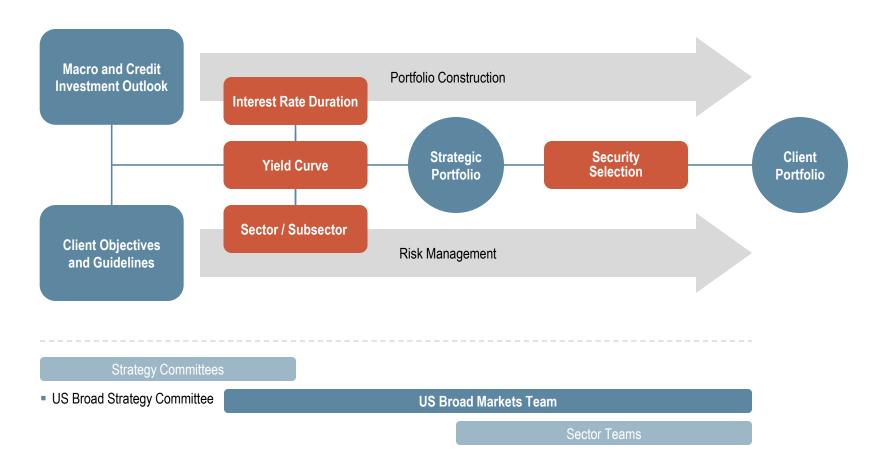
• We seek diversified sources of returns. Our objective is to meet or exceed our investors' performance objectives within their tolerances for risk. We seek to diversify investments and add value across interest rate duration, yield curve, sector allocation, security selection, country and currency strategies. We deploy multiple diversified strategies that benefit in different environments so no one strategy dominates performance, helping to dampen volatility.



Investment Process

Our time-tested investment process is designed around our value philosophy and our team-based approach.

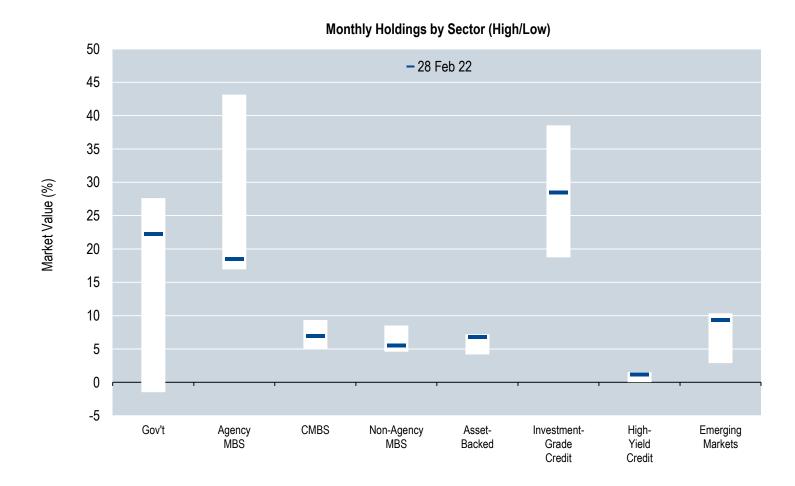
US Core Investment Process and Team Interaction





Historical Allocation Range (5-Years)

US Core February 28, 2022



Source: Western Asset

Note: Sector exposure includes look-through to any underlying commingled vehicles if held. Sectors are subject to change. All weightings are a percentage of total market value. Above sector allocation plus cash sum to 100%. Individual sector data may not sum to 100% due to rounding.

WESTERNASSET

Macro & Credit Investment Outlook



The US Broad Strategy Committee sets the overall themes for the US broad market investment strategies including duration & yield curve positioning and sector/sub-sector preferences

US Broad Strategy Committee

S. Kenneth Leech Chief Investment Officer

John L. Bellows, CFA Fed Policy / US Broad Market

Ryan K. Brist, CFA Investment-Grade Credit Michael C. Buchanan, CFA Deputy CIO / Global Credit

Amit Chopra, CFA
Long Duration /
US Broad Market

Greg E. Handler, CFA Mortgage and Consumer Credit

Kevin K. Kennedy Liquidity Walter E. Kilcullen High Yield Chia-Liang Lian, CFA Emerging Markets

Mark S. Lindbloom US Broad Market Frederick R. Marki, CFA Inflation-Linked Dennis J. McNamara, CFA US Broad Market Rajiv Sachdeva Portfolio & Quantitative Analysis

Julien A. Scholnick, CFA US Broad Market

Bonnie M. Wongtrakool, CFA ESG Investments

- Sets macro and sector investment themes
- Meets weekly to evaluate and establish the US investment outlook over a 6-9 month horizon.
 - Within the context of our global investment outlook
 - Based on long-term economic developments and market valuations
 - Leveraging sector input and broad top-down analysis
- Evaluates risk factors and potential scenarios.
 Sets the risk tone for US investment strategies



Strategic Portfolio



Based upon the output from the US Broad Strategy Committee the US Broad Market Team develops target allocations specific to their strategies

US Broad Market Team

Portfolio Management

S. Kenneth Leech Portfolio Manager / CIO

Scott M. Beatty. CFA Portfolio Manager

John L. Bellows, PhD, CFA Portfolio Manager

Amit Chopra, CFA Portfolio Manager

Mark S. Lindbloom Portfolio Manager

Keith A. Luna, CFA Portfolio Manager

Frederick R. Marki, CFA Portfolio Manager

Nicholas Mastroianni, CFA Portfolio Manager

Julien A. Scholnick, CFA Portfolio Manager

Molly Schwartz, CFA Portfolio Manager

Bonnie M. Wongtrakool, CFA Portfolio Manager

Rafael Zielonka, CFA Portfolio Manager

As of 31 Dec 21 ¹Dual role with Portfolio Management ²Dual role with Derivatives

Derivatives

Scott M. Beatty, CFA1 Portfolio Manager

Jim K. Huynh Portfolio Manager

Keith A. Luna, CFA¹ Portfolio Manager

Risk Management

Robert Gingrich, PhD Manager of Alternatives & Derivatives Risk

Porntawee Nantamanasikarn, PhD Portfolio Risk Manager

Product

Travis M. Carr, CFA **Product Specialist**

Virgil Esquerra **Product Analyst**

Douglas Wade, CFA **Product Specialist**

Trading

Nicholas Mastroianni, CFA1 Trader

lan J. Smith, CFA2 Trader

Rafael Zielonka, CFA¹ Trader

Portfolio Analysis

Sung Kim Portfolio Analyst

Zacharv Klein, CFA Portfolio Analyst

John Rodli, CFA Portfolio Analyst

Western Asset Investment Team

Investment Management Professionals

- Chief Investment Officer: S. Kenneth Leech
- Deputy CIO: Michael C. Buchanan
- 133 Investment Professionals on five continents and seven offices, as of December 31, 2021
- 24 years of average experience

Major Investment Committees

- Global Investment Strategy Committee
- Global Credit Committee
- US Broad Strategy Committee
- Global Emerging Markets Strategy Committee
- Unconstrained Asset Allocation Committee

Sector and Regional Teams

Global credit

Investment-grade

High-vield

Emerging markets

Mortgage and consumer credit

Long duration

US municipal

Liquidity Insurance

US

Europe

UK

Japan

Asia Brazil

Australia /

New Zealand

Independent Risk Management Function

- Chief Risk Officer: Ahmet E. Kocagil
- Independent evaluation of strategies and risks
- Market and Credit Risk Committee
- 35 investment risk professionals



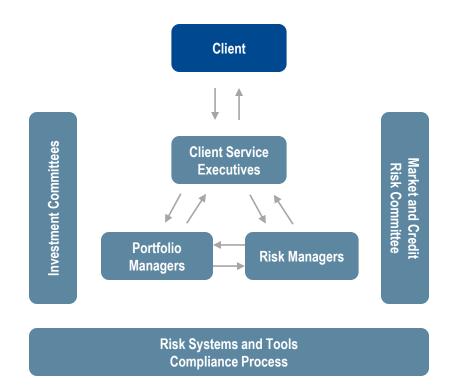
Risk Management

In our culture, effective risk management is critical to successful portfolio management.

Integrating risk management into portfolio construction and in the independent review of portfolio risks strengthens its effectiveness.

Client Objectives and Risk Tolerances Aligned Analyzed Appropriately Rewarded **Monitored**

Risk management is a team effort. Robust communication and escalation procedures underpin the independence and transparency of risk management.





Why Western Asset?

Fixed-income only specialist

Team-based approach

Global presence

Experience and capacity

Client Service focus - Solution based

Strategic importance of institutional client segment



Appendix



Fee Schedule

US Core Portfolios*

.30 of 1% on first USD100 million
.20 of 1% on amounts over USD100 million



^{*}The minimum separate account size is USD75 million

Representative Client List Disclosure

The clients listed are invested in a wide range of mandates, and are located in a variety of countries or regions of the United States.

Corporate clients listed here have portfolios with an AUM of \$3.60 million or greater.

Financial Services clients listed here have portfolios with an AUM of \$8.83 million or greater.

Health Care clients listed here have portfolios with an AUM of \$5.48 million or greater.

Insurance clients listed here have portfolios with an AUM of \$50.92 million or greater.

Eleemosynary clients listed here have portfolios with an AUM of \$0.57 million or greater.

Public clients listed here have portfolios with an AUM of \$17.14 million or greater.

Multi-Employer/Unions clients listed here have portfolios with an AUM of \$2.02 million or greater.

Clients that have advised Western Asset of account terminations have been excluded from the lists.



Performance Disclosure

December 31, 2021

US Core Composite*

Composite Inception Date: 04/01/1974 | Composite Creation Date: 01/01/2000

| | No. of Accts | Gross Total Return | Net Total Return | Benchmark Total Return | Gross Total 3-Yr St Dev | Benchmark Total 3-Yr St Dev | Internal Dispersion | Mkt. Value USD Mil | Percentage of Firm Assets | Firm Assets USD Mil |
|------|-----------------|-----------------------|---------------------|---------------------------|----------------------------|--------------------------------|------------------------|-----------------------|------------------------------|------------------------|
| 2012 | 21 | 7.26% | 6.94% | 4.21% | 2.42% | 2.38% | 0.69% | 10,586 | 2.29% | 461,891 |
| 2013 | 17 | -1.45% | -1.74% | -2.02% | 2.72% | 2.71% | 0.45% | 7,138 | 1.58% | 451,632 |
| 2014 | 18 | 7.39% | 7.07% | 5.97% | 2.81% | 2.63% | 0.62% | 8,346 | 1.79% | 466,036 |
| 2015 | 18 | 1.21% | 0.91% | 0.55% | 2.97% | 2.88% | 0.64% | 8,719 | 2.01% | 433,747 |
| 2016 | 21 | 4.46% | 4.14% | 2.65% | 3.11% | 2.98% | 0.28% | 14,119 | 3.37% | 419,207 |
| 2017 | 21 | 5.51% | 5.19% | 3.54% | 2.89% | 2.78% | 0.42% | 16,954 | 3.89% | 436,309 |
| 2018 | 19 | -0.29% | -0.59% | 0.01% | 3.02% | 2.84% | 0.19% | 16,107 | 3.80% | 424,136 |
| 2019 | 20 | 11.06% | 10.73% | 8.72% | 2.89% | 2.87% | 0.30% | 22,976 | 5.05% | 455,276 |
| 2020 | 18 | 9.58% | 9.26% | 7.51% | 4.15% | 3.36% | 0.25% | 28,627 | 5.97% | 479,810 |
| 2021 | 21 | -1.35% | -1.65% | -1.54% | 4.26% | 3.35% | 0.12% | 31,224 | 6.39% | 488,490 |

Description: The Western Asset US Core strategy is a US broad Market strategy that aims to maximize total return and add value through duration and curve positioning, sector allocation, and security selection, while approximating benchmark risk. The strategy invests in a diversified portfolio using all major investment-grade fixed-income sectors with a bias toward non-Treasuries, especially corporate, mortgage-backed and asset-backed securities. The portfolios may have the ability to use futures and options.

Benchmark Description: The current benchmark is the Bloomberg US Aggregate USD Unhedged Index.

Base Currency: USD | Composite Minimum: No minimum size requirement as of 1/1/2020 (previously \$25 million).

Current Fee Schedule: The investment management fee schedule for the separate account is .30 of 1% on the first \$100 million, .20 of 1% on amounts over \$100 million. The investment management fee schedule for the Western Asset US Core Bond L.L.C., which is a member of the composite, is .30 of 1%. The total expense ratio as of December 31, 2020 for the Western Asset Core Bond L.L.C. was .36 of 1%.

Effective 1 January 2020, the US Core Composite has been redefined to exclude accounts with significant restrictions on the major sector of the broad fixed income market, duration flexibility or credit quality.

Western Asset claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Western Asset has been independently verified for the periods from January 1, 1993 to December 31, 2020.

A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. The US Core Composite has been examined from January 1, 1993 to December 31, 2014 and January 1, 2019 to December 31, 2020. The verification and performance examination reports are available upon request.



Performance Disclosure

December 31, 2021

For GIPS® purposes, the Firm is defined as Western Asset, a primarily fixed-income investment manager comprised of Western Asset Management Company, LLC; Western Asset Management Company Distribuidora de Títulos e Valores Mobiliários Limitada is authorized and regulated by Comissão de Valores Mobiliários and Brazilian Central Bank; Western Asset Management Company Pty Ltd ABN 41 117 767 923 is the holder of the Australian Financial Services Licence 303160; Western Asset Management Company Pte. Ltd. Co. Reg. No. 200007692R is a holder of a Capital Markets Services Licence for fund management and regulated by the Monetary Authority of Singapore; Western Asset Management Company Ltd, a registered Financial Instruments Business Operator and regulated by the Financial Services Agency of Japan; and Western Asset Management Company Limited is authorized and regulated by the Financial Conduct Authority ("FCA") (FRN 145930), with offices in Pasadena, New York, London, Singapore, Tokyo, Melbourne, São Paulo, Hong Kong, and Zürich. Each Western Asset company is a wholly owned subsidiary of Franklin Resources, Inc. but operates autonomously, and Western Asset, as a Firm, is held out to the public as a separate entity. Western Asset Management Company was founded in 1971. Specialist Investment Manager of Franklin Resources, Inc. since July 31, 2020. This communication is intended for distribution to Professional Clients only if deemed to be a financial promotion in the UK as defined by the FCA. This communication may also be intended for certain EEA countries where Western Asset has been granted permission to do so. For the current list of the approved EEA countries please contact Western Asset at +44 (0)20 7422 3000.

Gross-of-fees returns are presented before management fees, but after all trading expenses. Net-of-fees results are calculated using a model approach whereby the current highest tier of the appropriate strategy's fee schedule is used. Effective January 1, 2020, for annual periods where the actual account weighted fees are higher than the composite model fee, the actual account weighted fees will be used for the net-of-fee composite return calculations. Net-of-fee composite return calculations using actual account weighted fees may include fund returns that incur higher fees than those applied to separately managed accounts. The portfolios in the Composite are all actual, fee-paying and performance fee-paying, fully discretionary accounts managed by the Firm for at least one full month. Investment results shown are for taxable and tax-exempt accounts and include the reinvestment of all earnings. Any possible tax liabilities incurred by the taxable accounts have not been reflected in the net performance. Policies for valuing investments, calculating performance, and preparing GIPS Reports are available upon request.

Composite returns are measured against a benchmark, when applicable. The benchmark is unmanaged and provided to represent the investment environment in existence during the time periods shown. For comparison purposes, its performance has been linked in the same manner as the Composite. The benchmark presented was obtained from third party sources deemed reliable but not guaranteed for accuracy or completeness. Benchmark returns and benchmark three-year annualized ex-post standard deviation are not covered by the report of independent verifiers.

Internal dispersion is calculated using the asset-weighted standard deviation of annual gross returns of those portfolios that were included in the Composite for the entire year. Periods with five or fewer accounts are not statistically representative and are not presented. The three-year annualized ex-post standard deviation measures the variability of the composite and the benchmark returns over the preceding 36-month period.

Past investment results are not indicative of future investment results. Information contained herein is believed to be accurate, but cannot be guaranteed. Employees and/or clients of Western Asset may have a position in the securities mentioned.

Western Asset's list of composite descriptions, limited distribution pooled fund descriptions, and broad distribution pooled funds are available upon request. Please contact Derek Fan at 626-844-9465 or derek.fan@westernasset.com. All returns for strategies with inception prior to January 1, 2012 are available upon request.

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Risk Disclosure

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Past results are not indicative of future investment results. This publication is for informational purposes only and reflects the current opinions of Western Asset. Information contained herein is believed to be accurate, but cannot be guaranteed. Opinions represented are not intended as an offer or solicitation with respect to the purchase or sale of any security and are subject to change without notice. Statements in this material should not be considered investment advice. Employees and/or clients of Western Asset may have a position in the securities mentioned. This publication has been prepared without taking into account your objectives, financial situation or needs. Before acting on this information, you should consider its appropriateness having regard to your objectives, financial situation or needs. It is your responsibility to be aware of and observe the applicable laws and regulations of your country of residence.

Western Asset Management Company Distribuidora de Títulos e Valores Mobiliários Limitada is authorised and regulated by Comissão de Valores Mobiliários and Banco Central do Brasil. Western Asset Management Company Pty Ltd ABN 41 117 767 923 is the holder of the Australian Financial Services Licence 303160. Western Asset Management Company Pte. Ltd. Co. Reg. No. 200007692R is a holder of a Capital Markets Services Licence for fund management and regulated by the Monetary Authority of Singapore. Western Asset Management Company Ltd is a registered Financial Instruments Business Operator and regulated by the Financial Services Agency of Japan. Western Asset Management Company Limited is authorised and regulated by the Financial Conduct Authority ("FCA") (FRN 145930). This communication is intended for distribution to Professional Clients only if deemed to be a financial promotion in the UK as defined by the FCA. This communication may also be intended for certain EEA countries where Western Asset has been granted permission to do so. For the current list of the approved EEA countries please contact Western Asset at +44 (0)20 7422 3000.

The representative portfolio is an account in the composite we believe most closely reflects current portfolio management style for the strategy. Performance is not a consideration in the selection of the representative portfolio. The characteristics of the representative portfolio shown may differ from those of the composite and of the other accounts in the composite. Information regarding the representative portfolio and the other accounts in the composite is available upon request.



DISCUSSION SHEET

Employees' Retirement Fund Board of Trustees Meeting

April 12, 2022

Issue: Smith Graham & Co. Investment Advisors, L.P.

Attachments: None

Discussion: Smith Graham investment returns had underperformed

their benchmark (the Russell Midcap Index) for the 3-year period ending December 7, 2020. Our recommendation at that time was to place Smith Graham on watch for six months and then re-evaluate their performance. At the September 2021 Board meeting, staff requested a sixmonth extension of the watch period to continue to observe

performance until year-end.

Given their investment outperformance during 2021, we recommend removing Smith Graham from the watch list. ERF staff has discussed this issue with Wilshire and they

agree with Staff recommendation, per Board approval.

Recommendation: Suggested motion for approval is as follows: Move to

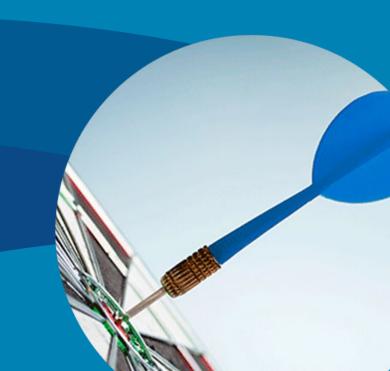
approve Smith Graham's removal from the ERF

Investments watch list.



City of Dallas Employees' Retirement Fund

December 31, 2021
Preliminary Valuation Results



Key Issues and Changes

- ERF's investment return was above its investment target of 7.25% on both a market value and actuarial value basis in 2021
 - Return on market value was 14.46%
 - Dollar-weighted return
 - Versus Wilshire's time-weighted return of 15.44%
 - Deferred investment income gains of \$260 million
 - \$40 million of deferred shortfalls were offset, \$44 million recognized in this valuation, with the remaining \$176 million deferred
- \$29 million liability experience loss in 2021
 - Loss from cost of living adjustment being double the assumption
 - Loss from salary increases being higher than assumed
 - Gain on retiree mortality (more deaths than assumed)



Key Issues and Changes

- Payroll increased more than expected, despite slight drop in active membership
 - 3.3% increase versus 2.5% increase assumption
- Current Total Obligation Rate exceeds 36% of pay cap
 - CATOR is 36.00%
 - City contribution rate is 22.68%
 - Member rate is 13.32%
- The new Tier became effective January 1, 2017
 - Over 2,800 employees in new Tier at December 31, 2021
 - New Tier is approximately 39% of the active employees
 - NC% decreased from 20.11% last year to 19.71% this year

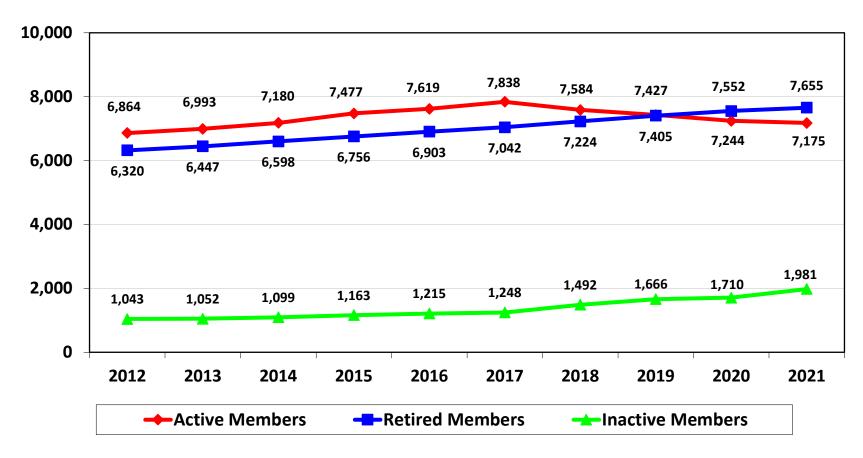


Membership

- The number of active members decreased from 7,244 to 7,175, a 1.0% decrease
- Payroll for active members increased from \$428.8 million to \$442.9 million, a 3.3% increase
- The number of members in payment status increased by a net 103, from 7,552 to 7,655, a 1.4% increase
- There are 0.9 active members for each retiree, compared to 1.2 in 2010



Active Members and Retired Members



Note: active membership decreased 1.0% versus last year

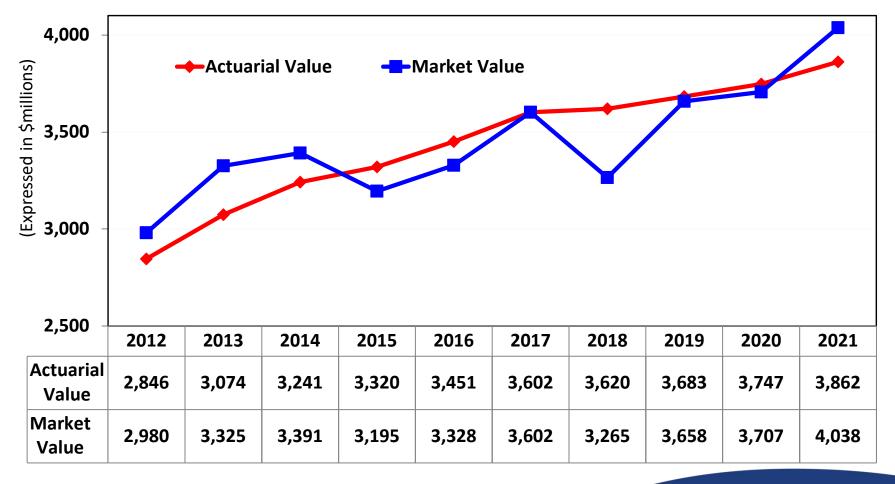


Assets

- Fair market value (unaudited) increased from \$3.707 billion to \$4.038 billion
- Return on market value of assets was approximately 14.46% in 2021
- Actuarial value is \$3.862 billion, compared to \$3.747 billion last year
- Actuarial rate of return was 8.38% in 2021
 - Greater than 7.25% assumed rate
- Actuarial value is 95.6% of fair market value
- Net deferred investment gains of \$176 million still to be recognized in actuarial value of assets



Historical Asset Values





Actuarial Results

- Actuarial Accrued Liability (AAL) of benefits is now \$5.094 billion
- Unfunded Actuarial Accrued Liability (UAAL) increased from \$1,186 million to \$1,232 million
 - Expected to increase to \$1,211 million
 - Reflects \$41 million gain on actuarial value of assets and \$29 million loss on liabilities
 - UAAL increased \$34 million due to difference between calculated contribution rate and actual contribution rate

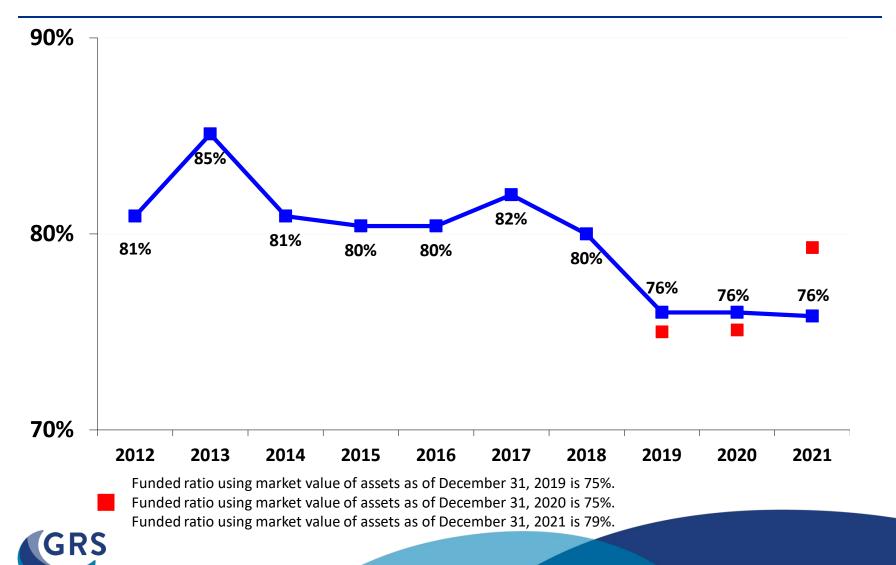


Actuarial Results

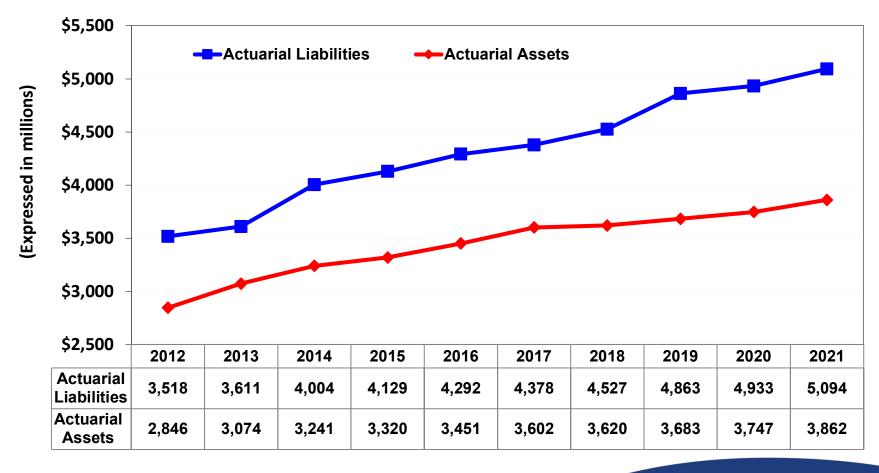
- Funded ratio (actuarial assets divided by actuarial accrued liability) decreased from 76.0% in 2020 to 75.8% in 2021
- Funded ratio using market value is 79.3%
 - Was 75.1% last year
- Total 30-year contribution rate is 34.78%
 - Does not include POB debt service payments
 - Based on open-group projection
 - 34.85% last year



Historical Funded Ratios

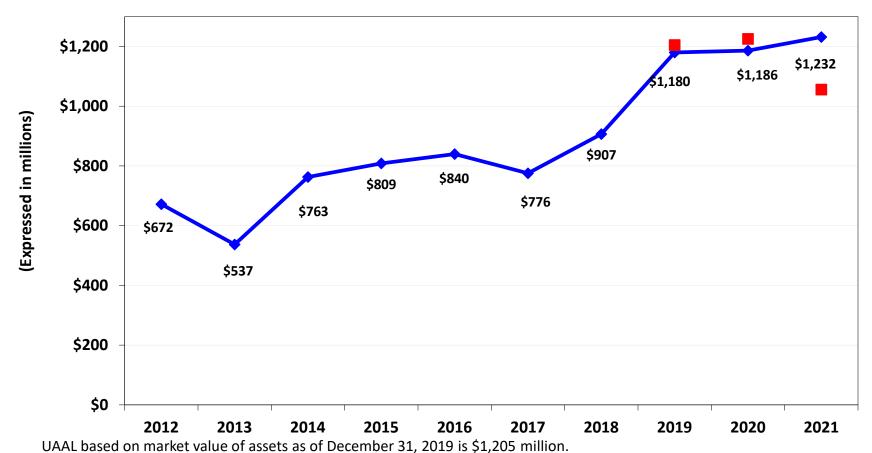


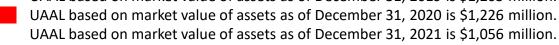
Liabilities vs. Assets





Unfunded Actuarial Accrued Liability (UAAL)







Actuarial Required Contribution Rate

- We now use an Open-Group projection to determine the Actuarially Required Contribution Rate (ARC)
 - Reflects declining average Normal Cost % over time due to new tier of benefits
 - Rate is determined as level percentage of pay so amortization rate is increasing over time
 - 30-year funding period is used
 - Debt service is not included



Actuarial Required Contribution Rate

- ARC as of December 31, 2021 is 34.78%
 - Decrease from 34.85% in prior year
 - Compares to actual rate expected to be contributed in fiscal year 2023 of 27.44%
 - Total rate of 36.00% of pay less POB Credit of 8.56%
 - Slight decrease due to investment gains and greater than expected payroll growth



Fiscal Year Beginning October 1st

| | | <u>2021</u> | <u>2022</u> |
|----|--|---------------|---------------|
| 1. | Prior Adjusted Total Obligation Rate | 36.00% | 36.00% |
| 2. | Actuarially Required Contribution Rate | 34.85% | 34.78% |
| 3. | Debt Service | | |
| | a) Scheduled Debt Service Payment | \$ 39,200,283 | \$ 38,843,241 |
| | b) Projected Payroll | \$439,544,160 | \$453,934,344 |
| | c) Pension Obligation Bond Credit (a/b) | 8.92% | 8.56% |
| 4. | Current Total Obligation Rate (2+3c) | 43.77% | 43.34% |
| 5. | Current Adjusted Total Obligation Rate | 36.00% | 36.00% |
| 6. | Allocation of Contribution Rates for Fiscal Year Beginning 1 st | | |
| | a) Employee (5 x .37) | 13.32% | 13.32% |
| | b) City (5 x .63) | 22.68% | 22.68% |
| 7. | City Contribution to Fund $(6.b 3.c)$ | 13.76% | 14.12% |

The formula for contributions are based on Dallas City Code 40A originally established with City ordinance 25695



Valuation Summary

- The Actuarially Required Contribution to the Fund decreased from 34.85% to 34.78%
- The total contribution rate including the debt service decreased from 43.77% to 43.34%
- \$176 million in deferred investment gains still to be recognized or offset



Valuation Summary

- Calculated contribution rate is projected to remain relatively level until POBs are paid off
 - Assuming all assumptions are met including 7.25% return on AVA
 - Impact of shortfall in contributions because of 36.00%
 maximum rate is being somewhat offset by
 - 30-year rolling amortization period
 - Decrease in average normal cost due to new tier of benefits
- Actual contribution rate will remain at 36% cap for foreseeable future





Pension Bridge Annual 2022

April 18th - 20th, San Francisco



After 2 years running virtual events, we're excited to be returning to San Francisco in the spring of 2022, to bring you, once again, the Pension Bridge Annual!

With our return to physical conferences, comes a new chapter for Pension Bridge. Having united with Pageant Media's other titles – Falk Marques Group, HFM, Fund Intelligence and others – Pension Bridge is now part of one, new, global brand - With Intelligence. But be rest assured, while the Annual might look a little different it's still the same event you have known and loved for the past 17 years! We are very excited to start this new chapter and can't wait for you to be a part of it!

This year's agenda will focus on structural transformations and investment ideas that will be beneficial for long-term fiscal sustainability, as we continue to find ourselves in a low return environment with lofty valuations by all historical metrics. As with previous editions, attendees will benefit from dedicated sessions on each of the traditional and alternative asset classes as well as topical issues such as ESG, Diversity, Equity and Inclusion, cybersecurity and new for 2022 the impacts, risks, and opportunities of climate change.

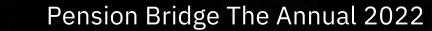
As always, we will maintain our controlled attendance structure, which our conferences are famous for, ensuring a 1:1 ratio of investors/investments consultants to manager attendees. There will be over 250 allocators and non-discretionary consultants in attendance, with a limit of only 130 manager firms. This favorable ratio, combined with participation from the most influential industry figures, creates a vibrant and enjoyable environment for all!

The Pension Bridge Annual has Two Goals in Mind

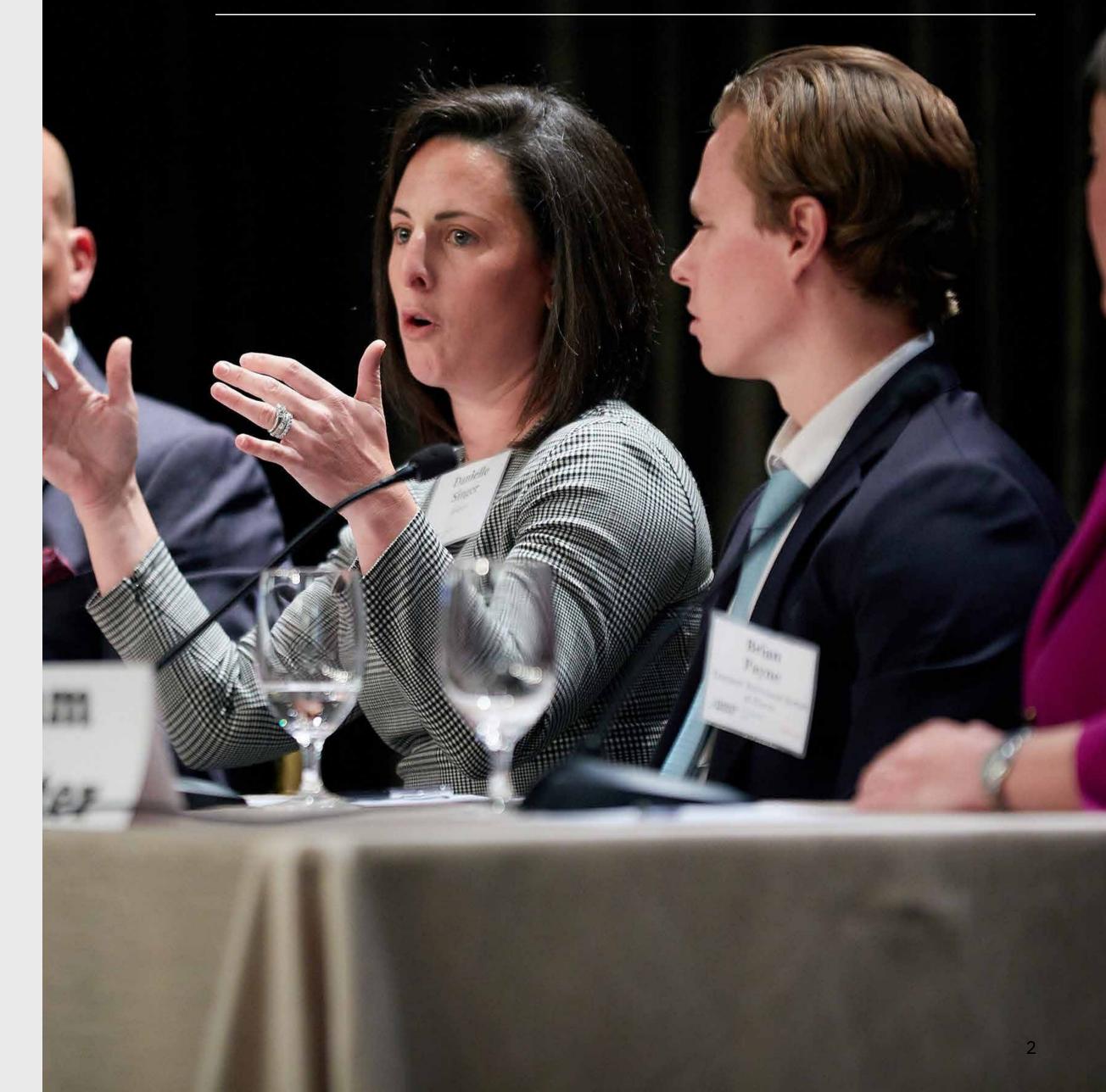
First is to provide the highest level of education with the top experts from the industry. Our speakers will inspire with influential insights on how to invest for outperformance while positioning defensively.

The second goal is to help build relationships between the allocators, consultants, and managers. Through relaxed breakout sessions, networking lunches and dinners, as well as 2 evening cocktail receptions, this conference is designed to enable you to forge new and develop existing relationships with your peers, colleagues, and prospective business contacts.

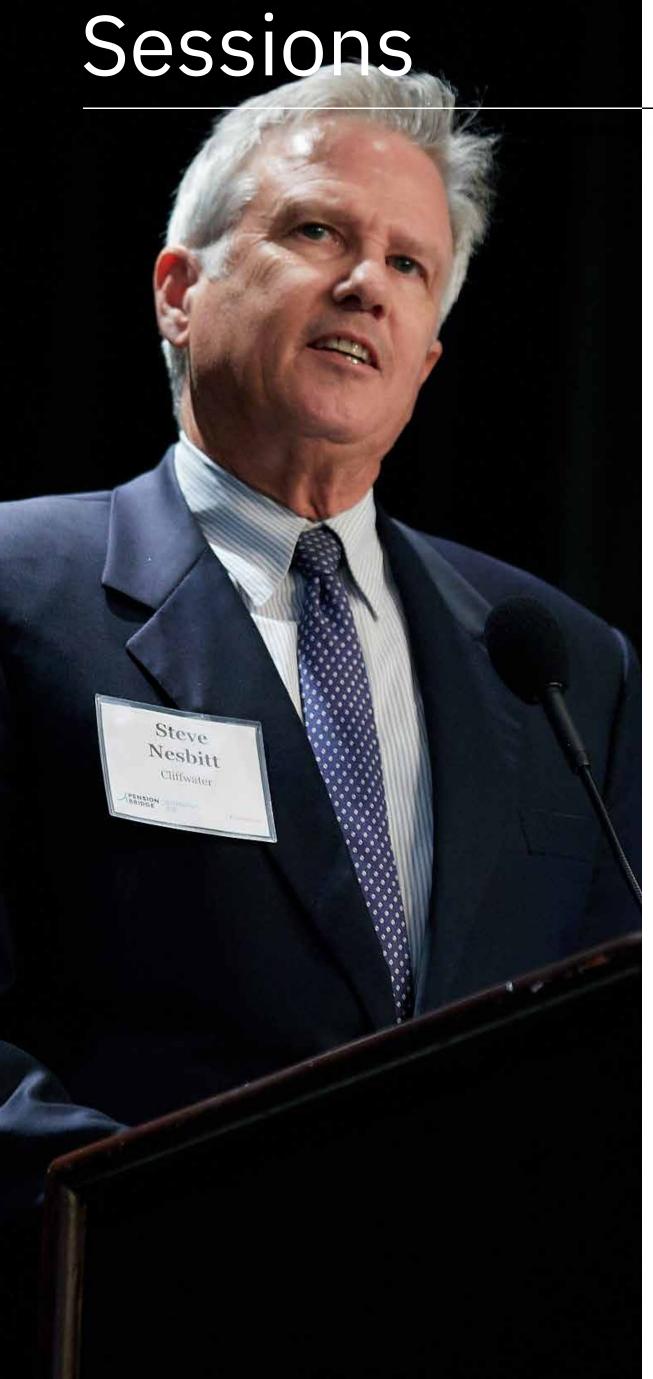
We look forward to bringing you back together again this year for a dynamic and productive conference. We hope that you will join us and be amongst your industry peers to learn about the most up-to-date insights, investment strategies and trends.











Monday, April 18th Westin St. Francis, San Francisco

5:30 PM - 6:30 PM

Early Registration

6:30 PM – 8:00 PM

Cocktail Reception

Tuesday, April 19th

Westin St. Francis, San Francisco

7:30 AM - 8:30 AM

Registration / Breakfast

8:35 AM – 8:40 AM

Opening Remarks

8:40 AM - 9:05 AM

Keynote Speaker:

Paul Colonna, Lockheed Martin Investment Management Company

Please join us for an in-depth discussion with a leading corporate pension CIO, who will be covering a wide range of topics including governance, investments, risk management, and asset allocation. Paul oversees all investment activities and operations for the firm's \$85B of retirement assets and oversees a team of more than fifty investment and operations professionals. Having been at Lockheed for just over three years, Paul has been able to accomplish a tremendous amount, but also has a vision for the future.

- An overview of the plan's past, present, and future (including lessons learned and pitfalls to avoid)
- Best practices in portfolio construction to reduce risk while achieving the best returns
- The vision for the plan, including what they hope to accomplish from a portfolio and governance perspective





9:05 AM - 9:35 AM

Keynote Presentation:

Innovation in Biotechnology: Blending Public and Private Market Opportunities

After a strong 2020 largely fueled by the sector's response to the COVID-19 pandemic, the biotechnology sector has underperformed the broader market in the first half of 2021. Despite this year's slow start, rapid innovation and more reasonable valuation levels should provide a tailwind for the sector. In this session, we review the thematic case for biotech and discuss the sector's accelerating pace of innovation that should offer the opportunity for substantial growth for years to come. In addition, we'll outline the benefits of combining public equities and private placements in a long-biased portfolio to maximize the opportunity set.

9:35 AM - 10:15 AM

Asset Allocation and Risk Management Producing the Optimal Asset Mix

Creating a proper asset allocation mix is the backbone of any portfolio. But what due diligence needs to be done – especially as the world has changed over the past two to three years – to ensure there are no unforeseen risks lurking?

- What have we Learned to Better Understand the Underlying Risk Factor Exposures in the Portfolio?
- What are you doing Differently in your Portfolio? What is the Reason behind this Change in Orientation?
- Given Low Return Expectations, are you taking More Risk, or Stay Consistent and Re-Assessing Once Markets look more Attractive?
- Are we still too Over-Reliant on Equities? How should Allocators think about the Role of Fixed Income in their Portfolios if Yields Should Rise?
- What are you doing to Mitigate Inflation Risk?
- How are you expecting Risk Mitigation Strategies to Perform going forward? Are Long Bonds still the Best Bet or are there Good Alternatives out there?
- What do you think of Applying Leverage to a Plan Sponsor Portfolio to Increase its Expected Return? How do you Manage Leverage Risks?

• What Future Risks are you Most Concerned About? Anything that Keeps You Up at Night?

10:15 AM - 10:55 AM

Networking Break





10:55 AM - 11:30 AM

Track A: Black Swan Events

Planning for Uncertainty and Preparing for Surprises

Is it crucial to always assume that another crisis or series of cascading events are around the corner? In this panel discussion, you'll learn how some of the most sophisticated investors navigate severe disruptions and lessons learned about preparing for the unknown.

- Will the end of the Fed Put trigger a Black Swan for both Equities and Bonds? How can investors prepare if their hedges are going down while their risk assets go down?
- Weaponization of Technology, Hacking and Ransom what Protections can be implemented?
- Do you have Plans to Mitigate Risk for the Possibility of Central Bank Digital Currency? What might be the Market Tremors associated with instituting CBDC?
- Cost of Implementation as an Obstacle how should an Investor Approach this Challenge? Are there Tail Risk Hedging Approaches that provide more Consistent Returns with Less Drag on the Total Fund Return?
- What are the Benefits and Challenges associated with Options as Protection?
- What are the Greatest Cybersecurity Threats and Challenges Organizations are currently facing?
- How do Crashes affect Liability Management? Can proper drawdown management raise the probability of meeting benchmarks and frequency of spend?
- With Liquidity Evaporating during Black Swan Events, how do you see the Growth of Algos, ETFs and Margin Debt playing a Factor to Exacerbate Volatility?
- What are some Lessons learned from past Black Swan events? What warnings were ignored?

10:55 AM – 11:30 AM

Track B: Real Estate

Refocusing the Portfolio Post-Pandemic

The real estate industry – whether commercial or residential – has undergone a fundamental change in the past two years as the way people view their work environment and home life has been altered. What does the future look like for concerning spaces such as malls and office space and where do the best opportunities lie?

- What is your take on the Most Concerning Sectors Retail, Mall, and Office Space?
- With Industrial in Short Supply with Increased Demand, should Investors be Overweight Industrial? How Long will this Hot Trend Last?
- What Niche Property Types will be Defensive in a Downturn? Thoughts on Lab Space and Data Centers?
- Are Data Center REITS the New Digital Office? How do you Approach these REITS being Pricey and the Growing Competition in this Space?
- What is your Outlook for the U.S. Commercial Mortgage Market?
- Do you see the Growing Multi-Family Sector as a Good Opportunity? If so, why?
- With Pressure on Banks and Lenders, do you see Opportunities in Private Real Estate Debt to Fill the Funding Void?





11:35 AM - 12:10 AM

Track A - China

Developing a Risk/Reward Plan

The ongoing question of where US and China relations stand will be addressed as investors weigh the risk and rewards between the two countries. From there, which investments in China make the most sense looking out a few years and which do not?

(A) U.S. / China Relations

- Have you Seen any Progress for Cooperation when it comes to Geopolitics?
- Do you see Technology Wars Becoming the New Trade Wars? Are A.I. and Cybersecurity are the most Important Issues to Prevent China's Dominance over the U.S. in Technology?
- Might you see a Future Climate War Between Washington and Beijing with China far Outspending the U.S. on Energy Transition-Related Investment? How does Biden's Infrastructure Plan Factor In?
- How do you see it playing out with China possibly Looking to Limit U.S. Access to Rare Earth Minerals which are Critical to Manufacturing many Tech Products? What is the U.S. doing to Reduce Reliance?
- How do you see the No-Win Clash over Taiwan Playing Out?

(B) Investing in China

- Do you Perceive any Serious Risks for U.S. Pension Plans being Invested in China?
- Any Implications of Not being Invested in China? Do you Need China in your Portfolio to Meet Return Targets?
- Are you Expecting Additional Regulatory Changes and Tougher Accounting Standards for Listed Companies in the U.S.?
- Will U.S. Regulators Block Investment Organizations from Buying Shares in Chinese Companies that are Blacklisted by the Pentagon or the U.S. Department of Commerce?
- How are Private Equity Firms Revising their China Strategy with the Regulatory Crackdown? Which Sectors are Most Affected by the Regulatory Scrutiny?
- With the Failure to Bail out Evergrande, does this mean China is Tamping Down on Excesses in the Chinese Economy and Markets or just their Property Markets? What does this mean for Investors?

11:35 AM – 12:10 PM

Track B: Infrastructure

Measuring the Impact of Biden's Infrastructure Package and Why it Matters

The Biden Administration's Infrastructure package has been receiving much of the industry's attention in recent months – and rightfully so.

Are there any unforeseen winners and losers as a result of this spending spree? Apart from this, which strategies are set to outperform looking out two to three years?

- Will Biden's Infrastructure Plan create an Infrastructure Boom, be Inconsequential or Add to the Tailwinds that were already there?
- What are the Negatives to Biden's Infrastructure Plan?
- Is Infrastructure a Good Hedge Against Inflation? What Strategies provide the Best Hedge?
- What have been the Effects of High Energy Prices and Supply Chain Disruption on Global Infrastructure Markets?
- What Sectors within Renewables or Alternative Forms of Energy do you find Attractive? Will the Best Opportunities be in the U.S. or Emerging Markets?
- With the Acceleration of Digital Infrastructure, which Specific Strategy Stands Out?
- How have GPs Adopted ESG Principals and what are the Remaining Challenges? How do you Approach ESG as an Energy Investor?
- Listed vs. Unlisted which do you Favor in a Volatile Market for Downside Protection?

12:10 PM - 1:20 PM

Lunch & Networking





1:20 PM - 2:00 PM

Risk Mitigation Strategies

Managing Risk within the Portfolio

Creating a risk mitigation portfolio has been a popular discussion as inflation talks linger and volatility becomes more evident. How can investors best implement these strategies and what are the unforeseen risks investors need to watch out for when creating or amending these portfolios?

- Are you Concerned about Inflation or Stagflation? In what Ways are you Mitigating this Risk?
- How do you view Long Duration Treasuries Today as a Mitigation Tool? Might the Protection be Different in the Next Equity Sell-Off?
- Describe your Baseline Risk Mitigation Philosophy and Approach
- How would you Structure a Risk Mitigating Strategies Portfolio? What Strategies should be Emphasized?
- What is the Best Approach to Achieve Diversification and Better Risk Adjusted Performance Across a Wide Range of Markets and Asset Categories?
- Have Trend Following Strategies Evolved to Perform Well Regardless of Market Environment?
- As an LP, what is your Approach to Managing Liquidity Risk should we have a Large Drawdown?
- What is the Appropriate Level of Strategic Exposure to Risk Mitigating Strategies Approaches?

2:00 PM - 2:30 PM

BlackRock Presentation

2:30 PM - 3:10 PM

Fixed Income

Positioning your Portfolio in Light of Macro Factors

Fixed income assets that had enjoyed a smooth ride in the early stages of the recovery may face more challenges ahead. Valuations are broadly expensive, the Federal Reserve is withdrawing liquidity and economic growth has significantly declined from high levels. We'll hear about how to position your portfolio beyond the recovery while we factor in credit spreads, rate volatility, ESG and more.

- Assess the Current Macro Environment Fed Actions, Tapering, Rates, Inflation Risks, etc.
- Is there Built-In Complacency of the Fed Coming to the Rescue?
- With Bond Markets being Better Forecasters of Recessions and Recoveries than Equities, what is the Steepening Yield Curve Telling you?
- How does an Unconstrained Manager Navigate such an Environment?
- Are you seeing any Major Changes in Allocations, Inflows/Outflows or Investor Interest in Specific Types of Products?
- How are you Managing Fixed Income Liquidity Challenges? What are you doing about your Cash Levels?
- What are your Expectations and Outlook for Corporate Debt? BBB Bonds? How are you Approaching this Space?
- How do you Separate Managing Credit from Managing Duration?
- ESG Integration what should Allocators be Incorporating to make sure they are not getting a Greenwashed Product?

3:10 PM - 3:40 PM

Refreshment Break







3:40 PM - 4:20 PM

Equities

Managing Volatility Risk

The US Equity markets are experiencing increased volatility within this rising rate and inflationary environment but is it time to alter the asset allocation size as a result?

- Have we Reached the Peak at least for now in the US Equity Bull Run? Is it Time to Lower the Allocation Size? If so, where would you move those Assets? Or do you Believe the Bull Market will Continue for some time? If so, why?
- Have you Allowed the US Portfolio to Run Over its Asset Allocation Range? What kind of Conversations Take Place when Rebalancing Talks Occur?
- How will the Rising Rate Environment Impact US Equities? How much Wind will come out of the Sails?
- What is the Likelihood that the Equity/Bond Correlation will Shift During a Potential Equity Decline?
- Does it Make Since for Public Funds to Lessen their Equity Portfolios and Embrace LDI-like Strategies?
- What are your Views on non-US Equity Markets, most notably Europe and the Emerging Markets? Have Overweight Discussions Taken Place? How about the Frontier Markets?
- How are Traditional Equity Hedges such as Gold and the US Dollar Viewed now that Crypto has Entered the Picture?

4:20 PM - 5:00 PM

Hedge Funds

Weighing the Bounce Back of the Hedge Fund Portfolio

Hedge funds have been tested in recent months and years as numerous macro factors have impacted the industry. Has the way hedge funds are used in your portfolio changed as a result and which areas could produce the most returns in this environment?

(A) State of the Industry / Portfolio Construction and Implementation

- How do you use Hedge Funds in your Asset Allocation and how might that Change in the Current Environment?
- Taking into account Both Equity and Bond Valuations, how do you think about using Hedge Funds as both a Hedge to Equity and a Crisis Risk Offset?
- Has the Current Macro Environment Resulted in a Change in your Hedge Fund Portfolio Construction Approach? Any Particular Strategies you're looking to Opportunistically Add or Remove?
- What ESG Approach should Managers be taking in their Funds? How do ESG Considerations Apply to Different Hedge Fund Strategies?
- Is Responsible Investment the "Next" Big Opportunity for Active Managers?
- What is an Appropriate Fee Structure for Hedge Funds? How do you Ensure Payment for Alpha, Alignment of Interest and Not Overpaying for Underperformance?

(B) Strategies

- Which Low Correlated Strategies do you find Most Attractive to Minimize Drawdown?
- Has Recent Poor Performance changed the way you view Quantitative Hedge Funds? Why or why not?
- What is the Future of Long-Short Equity Hedge Funds? What Differentiates Managers that have been able to Outperform?
- Have Trend Following Strategies Evolved to Perform Well Regardless of Market Environment? Do you Favor Global Macro and Managed Futures in this Environment? If so, why?
- What Changes do you believe Fund of Funds need to make in order to Retain or Attract Assets?







5:00 PM - 5:40 PM

Private Equity

Understanding Impacts to Private Equity
Post-COVID: Looking Ahead and Mapping The
Future

The mantra for investing has always been to 'buy low and sell high' and it is no different in the private equity industry except it's becoming harder to understand what a good price is. With that in mind, what spaces currently offer the best opportunities and how have they been impacted by inflation and the rising rate environment?

- When it comes to the Concerns of Supply Chain Shortages, Possible Higher Rates, Dry Powder, Leverage and High Multiples, what should Investors be Focused On over the next few years to Successfully Navigate the Environment?
- How does Inflation affect your Investment Strategy? What Impact might Sustained Inflation have on Returns?
- How are GPs and their Portfolio Companies Dealing with Rising Costs?
- How Concerned are you about the Debt that's been Piled on to Portfolio Companies?
- What Fundraising Trends are you seeing in the Market? Might Sustained Inflation Impact Fundraising Plans?
- What is your Outlook for Middle Market Buyouts given the Market Conditions?
- What Trends are you seeing in Co-Investments Demand, Types of Deals, Return Expectations, Etc.?

5:40 PM

Cocktail Reception

7:10 PM

End of Day One

Wednesday, April 20th Westin St. Francis, San Francisco

7:40 AM - 8:40 AM

Breakfast & Registration

7:40 AM – 8:40 AM

Investor Exchange

This session allows investors to get up close and personal with prominent CIOs and senior investment professionals, from public pension plans to endowments and foundations, and from corporate funds to family offices, and healthcare and insurance executives. Deliberately unstructured to allow the conversation to go where the participants take it, this session will cover a wide range of challenges faced by investors today.

8:40 AM - 8:45 AM

Day Two Opening Remarks

Sessions





8:45 AM - 9:25 AM

Diversity, Equity & Inclusion, (DEI)

Implementing DE&I Policies

DE&I has become a top issue for many asset management boards and investors over the past year but where do we stand currently on this and what actions are being taken to achieve stated goals? How are investors looking at DE&I when it comes to making investments?

- With Diversity, Equity & Inclusion coming to the forefront, what is the State of Progress? Where have you seen Changes being Most Successful?
- What is the Statistical Evidence that Diversity leads to Better Performance?
- As an LP, have you chosen to Actively Survey your Managers and Annually Request Data on Firm Ownership and Investment Team Composition? What are some of the Challenges of getting the Data? Do you Express Expectations for Improvement and Progress?
- Where in the Process Between an RFP and a Mandate do Problems Arise in the Push for Diversity?
- What would you say are the Barriers to Greater Diversity and Inclusion? Most Critical Issues is for Improving the Gender Gap? How should we Approach Solving It?
- What do you think Consultants could do more of to Help Bridge the Diversity Gap in Investing?
- What are some Best Practices Investors and Managers need to Embrace in Order to Achieve Diverse Hiring Success? Any Important Considerations for Hiring Junior Talent or ways to Broaden the Recruiting Pipeline?

9:25 AM – 10:05 AM

Climate Change

Understanding And Managing The Impact, Risks and Opportunities

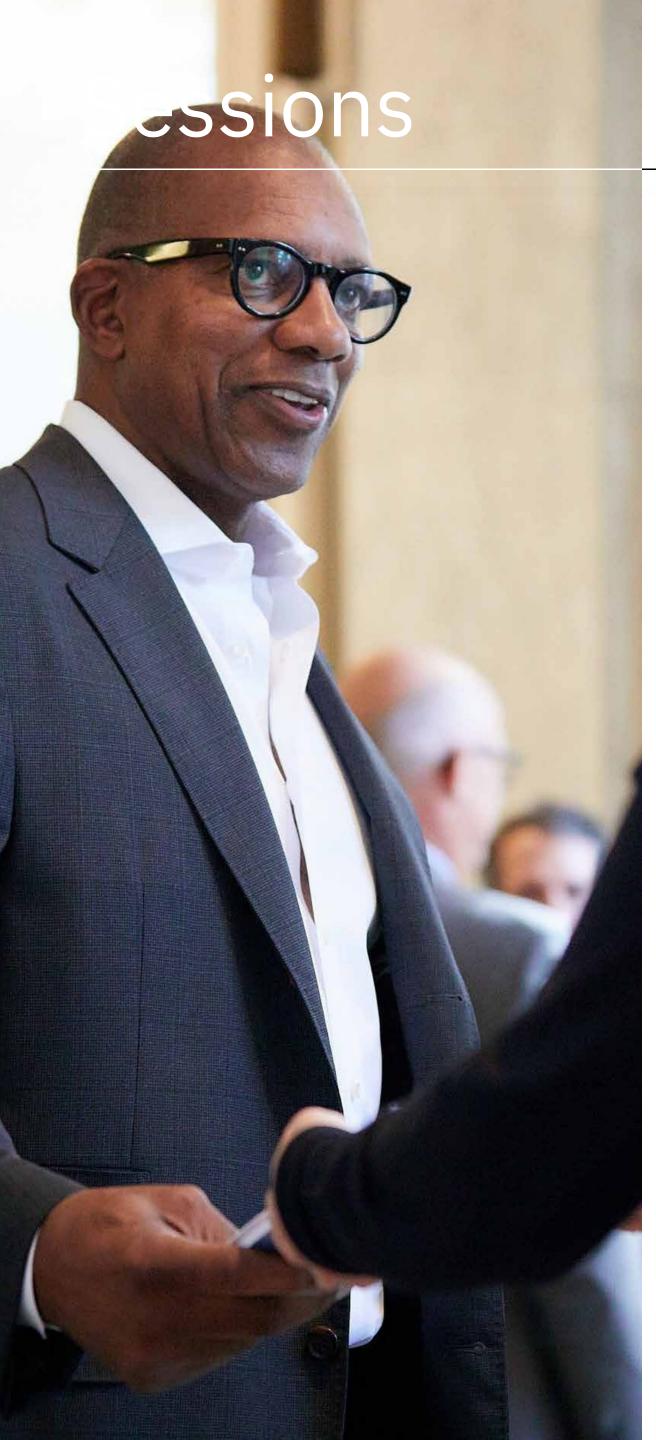
Understanding the risks of climate change is an important exercise investors must undertake these days. What are the best ways to conduct this study and what are the opportunities that might arise from this work?

(A) Managing Climate Risk

- What Steps should be taken to Climate Proof your Portfolio-Wide Exposure?
- How is your Climate Approach Reflected in your Asset Allocation? How do you Measure and Monitor Climate Risks in your Portfolio?
- What Resources are Needed to Identify Climate Risks in your Portfolio?
- How do you Report on the Impacts of your Engagement? Will this become More Demanding Going Forward?
- What are the Portfolio Implications of the Decision to Reach Net Zero Emissions by 2050?
- Push for Greater Transparency what are some Questions you should be asking your Investment Managers about their Climate Risk Assessment during the Investment Process?

(B) Strategies

- Should it be a Fiduciary's Responsibility to Replace Oil and Gas in the Portfolio Despite Strong Profits, Good Recent Performance and Higher Dividends?
- What Investment Initiatives are you Implementing in Public Equities? Any Allocations to Climate Solution-Oriented Public Equity Fundamental Managers? If so, how have they Performed?
- Are Green Bonds Worth the High Fees? Is China, Europe, U.S. or Another Region Most Attractive for this Green Investment?
- How is the Real Estate Industry Managing Risk and Embracing for the Inevitable between Flooding and Climate Hazards?
- With Increasing Water-Related Risks, what will be the Credit Implications and the Impact on Credit Ratings?
- Where do you see the Best Opportunities in Smart Cities, Green Buildings, Decarbonizing Technologies, Electric Vehicles, Water, Renewable Energy, Battery Storage or other Appealing Sectors?





10:05 AM - 10:35 AM

Keynote Presentation:

Tipping The Scales: Gold's Weight As A Strategic Asset

Volatile markets, inflation, and changes to Fed policy, are driving structural portfolio changes as investors seek new sources of returns and diversification. Against this backdrop, gold is continuing to gain adoption with 4 in 10 investors planning to allocate to gold in the next three years, according to recent Coalition Greenwich research.

This session will discuss how gold's portfolio attributes can serve diverse near and long-term objectives, highlight key differences with other commodities, and provide and outlook for gold performance in 2022

10:35 AM – 11:15 AM

Networking Break

11:15 AM - 11:50 AM

Track A: Emerging Markets

Executing Post-Covid Strategy in Non-Developed Countries

How have emerging market economies fared over the past year as inflation deepens and the talks of raising rates become louder? Do any traditional asset classes or sub asset classes stand out as solid investment opportunities? How about the private markets?

- Macro Environment and Recent Developments How might Inflation affect Emerging Markets? Tapering? Rising Interest Rates? Strong Commodity Prices?
- What might be the Long-Term Effects of the Massive Expansion of G10 Central Bank Monetary Policy on Emerging Markets?
- Despite the Macro Overhang, where in EM Equity are you seeing the Best Opportunities for Investors?
- How does the Current Macro Environment affect EM Debt? Where are you seeing the Most Opportunity?

- Where do you Currently see the Biggest Risks when Investing in EM Debt? How do you Approach Mitigating those Risks?
- How Concerned are you about China's Debt Problem? Does Evergrande lead you to believe they are Shifting Away from Supporting Excess Corporate Debt?
- How do Valuations look Relative to Risk in Different Regions? Which Particular Regions, Sectors or Countries are Attractive?
- Do you believe Emerging Markets will Outperform Developed Markets over the Next Decade?

11:15 AM – 11:50 AM

Track B: Risk Parity

The Great Debate: To Embrace Risk Parity (Or Not)

Risk Parity strategies fell on hard times recently with some investors ridding themselves of the investment altogether. Is it time to begin embracing risk parity again, and if so, why and why now?

- How does Risk Parity Perform if the Rate Cycle has now Turned and we have a Period of both Increasing Interest Rates (due to Inflation) and Declining Equity Market Multiples?
- What did we Learn from the March 2020 Selloff for Risk Parity Strategies?
- Is Every Fund Equipped to deal with the Leverage Risk of Risk Parity? How fast should Risk Parity Strategies De-Risk in Market Drawdowns?
- Do you believe Risk Parity can Play a Role in and Contribute to Overall Stock Market Volatility due to the Leverage?
- How are Risk Parity Strategies Evolving? Should Tail Risk Hedging and Smart Beta be Added?
- What do you Recommending using for an Appropriate Benchmark? Which Implementable Indexes are being Adopted?
- How should Investors think about the Differences in Strategies including Forecasting Volatility when Selecting a Manager?





11:55 AM - 12:30 PM

Track A: Energy

Gauging Whether we are in the Early Stages of a Global Energy Crisis

As we enter into a period of higher energy prices, can the blame be put squarely on inflation and supply shortfall? What other factors are making themselves known and when can we expect pricing to normalize?

(A) Energy Crisis

- Current Global Environment Supply Shortfall, China Rolling Blackouts, Natural Gas Price Spike in Europe and Asia, Electricity Prices, Liquified Natural Gas in China, Coal and India's Dependency on it, etc.
- What are the Far-Reaching Effects of China's Coal Crunch causing a 12% Cut of Industrial Power Use? How Long might Power Cuts Persist?
- Is it Possible the Global Climate Change and Clean Energy Push is a Direct Cause of the Higher Prices we're seeing across the board for Electricity, Oil, Natural Gas and Coal?
- Explain the Governmental and Political Efforts Contributing to Higher Prices from Reducing Energy Production via New Mandates, New Taxes, Cancelled Pipelines, Cancelled Permits and Penalties
- With Declining Production and Increasing Demand, do you see Higher Energy Prices Ahead? If so, what are the Effects on Industries and Companies if it becomes Prohibitively High?

(B) Energy Investments and Solutions

- Despite ESG Efforts, do you believe Bigger Returns Ahead are in Alternative Energy or Fossil Fuel Companies?
- Should a Fiduciary be Replacing Oil and Gas in the Portfolio Despite Higher Profits, Higher Dividends and Outperformance?
- Do you believe the Hopes on Hydrogen as both a Way to Store Energy and as a Fuel for Transportation and Industry will Pay Off? How Far off is this Possible Solution?
- What are your Views on Battery Storage Technology as a Solution and Investment?
- What Sectors within Renewables or Alternative Forms of Energy do you find Attractive? What is the Risk/Return Profile?
- What's the Most Important Risk Factor for Investors thinking about Deploying Capital in Renewables?

11:55 AM – 12:30 PM

Track B – Liability Driven Investment (LDI)

Liability Driven Investing, when enacted, has largely achieved its goals as the corporate has moved closer to fully-funded status. The market environment is expected to undergo changes in the near future. How will this impact LDI investing?

- Does LDI make sense now considering Current and Future Market Conditions? Impact of Rising Rates and Inflation? What is the Risk/Return?
- Are Plan Liabilities the only Appropriate Benchmark?
- How does a Public Fund Implementation and Liability-Focused Allocation Differ from a Corporate Fund?
- Are some Approaches More Appropriate in a Less Liquid Fixed Income World?
- What Cash Flow Generating Strategies would allow for the Portfolio to Reduce the Funding Ratio Volatility to Meet the Benefit Payment Needs?
- Understanding the Components of Performance Measurement and Evaluation – Risk Budgeting, Scenario Analysis, Liquidity Analysis and Performance Reporting
- Beyond the Ability to Earn Excess Returns, what should Investors look for in Selecting LDI Managers?
- Thinking through instances when LDI strategies may not be appropriate

12:30 PM - 1:40 PM

Networking Lunch

Sessions





1:40 PM - 2:20 PM

Inflation

Analyzing the Ramifications on the Portfolio

It has become clear that inflation is not transitory but likely here for an extended period of time. What needs to be done in order to bring inflation back to normal measures and how will this impact institutional portfolios?

- Has the Fed Backed Themselves into a Corner on Inflation? How likely is Stagflation and how will the Fed React at this Economic Threat?
- How has Inflation Impacted the Overall Portfolio thus far? What are the Unforeseen Risks Looking Ahead?
- What are the Deflationary Factors and when might that Return?
- What are your Views on the Shortages including Power, Food, Housing, Semiconductors and Labor? How Extreme might the Price Surge be for Oil and Energy?
- What are your Views on the Rise in Home and Rental Prices?
- What are your Expectations for Rates and Equities? What will happen to the BBB Rated Bond Bubble? What is the Outlook on Defaults?
- What is the Likelihood that the Equity/Bond Correlation will Shift During an Extended Equity Decline?
- What are the Most Appealing Investments in this Environment? Asset Class where you see the Most Value?

2:20 PM - 3:00 PM

Credit Strategies

Analyzing Macro Factors and how that Impacts Credit Portfolio

Interest rate conversations, inflation, and a bevy of other factors have major impacts on the credit markets. Which credit strategies and geographies provide some of the best risk/reward in this environment and which areas do not?

- Current State of the Credit Markets
- What will be the Impact of Inflation, Potentially Higher Rates and Supply-Side Constraints on your Strategies?
- What particular Challenges or Concerns are you seeing Today Valuations, Deployment, Liquidity, Leverage, Higher Taxes, Increased Regulation, etc?
- What are your Expectations for Credit Spreads and Defaults?
- How will the Distressed Opportunity Set Play Out and how are Investors Positioning their Portfolios?
- What Subsectors of Credit are Most Attractive and why? Pockets of Opportunity you're seeing? Any Areas you are Avoiding?
- What are the Top Opportunities and Risks for Europe, Asia and EM?
- Are you having Discussions with your Clients or Boards about how to Implement ESG and SRI into your Mandates?





3:00 PM - 3:40 PM

Distressed Investing

Taking Stock on Opportunistic and Special Situation Strategies

Investing in distressed opportunities never fully materialized during Covid as government intervention largely kept companies afloat. However, it is expected opportunities in this space will begin to reveal themselves in the near future. What sectors and geographies are being tipped to show themselves in the next year or so?

- Are you Expecting a Large-Scale Distressed Opportunity? Why or why not?
- What are your Expectations for Default Rates going forward? Does it Matter in terms of Current Opportunities?
- What Guidance do you provide Investors on Expected Returns & Risks? How is the Large Supply of Dry Powder and Pent-Up Demand Impacting these Expectations?
- Which Sectors, Strategies and Geographies are providing the Most Attractive Opportunities? Any Areas that should be Avoided or are most Vulnerable?
- Are you Approaching the Market any Differently given the Ongoing Uncertainty for many Smaller Companies? Increased Vulnerability of these Borrowers? Are Bigger Borrowers Better Positioned to Weather Dislocation?
- What are you seeing in Deal Structuring and Covenants Today? What does this mean for Future Distressed Opportunities?
- What are the Opportunities and Risks in Europe? Any Countries, Sectors or Types of Deals that Stand Out? Conditions of the European Banking Sector?

3:40 PM - 4:10 PM

Refreshment Break

4:10 PM - 4:50 PM

Crypto and Digital Currencies

Weighing its Potential Role in the Portfolio

While crypto currencies have begun to gain some foothold within institutional portfolios it is still being debated what the proper role of these investments should be. Should they be used as a hedge or are they return seeking?

- Should Crypto Investing be used as a Hedge? What is its Goal in the Portfolio and what are the Return Expectations?
- Is it Simply Time before Crypto is Fully Embraced by the Institutional Community? What is Holding it back? Does Headline Risk Play a Role?
- What are the Conversations Occurring at the Board Level? What are the Main Fears?
- What would be the Impact on Crypto upon a Digital Dollar Rollout?
- How do Predictions of a Weakening Dollar Play a Role with Crypto?
- How will Inflation Impact Crypto Looking Out One to Two Years?
- What Kind of Benchmark is Appropriate for Crypto Investments?

Sessions





4:50 PM - 5:30 PM

CIO Roundtable

Inside the Minds of CIOs

- Have the Risks of Inflation caused your Asset Allocations to Change? What are you doing to Hedge Against Inflation? Have you Increased your Allocation to Private Assets? If so, what was the Reasoning Behind It?
- What Process or Policies do you have in place to Address DE&I and Climate Change?
- Have you Increased In-House Investment Management Capabilities?
- What do you think about the Fiscal Health of the Industry going forward?
- Did the COVID Selloff Change your View on Passive as a Result of Market Volatility? Any Allocations in Particular where Active Managers are Better Equipped to be more Agile and Flexible?
- What Changes or Trends have you noticed in Fee Structures/Terms and your Bargaining Power?
- What Advice might you have for Smaller Pensions and Endowments that don't have your Size Leverage in trying to get Better Terms?
- Is there any Part of the Market that is "Unloved" right now and might be Worth some Further Analysis/Portfolio Allocations?
- What Keeps you up at Night?

5:30 PM

Conference Concludes

Tickets for the networking wine tasting event will be distributed at the conclusion of the conference.

5:40 PM

Wine Reception & Networking

Hosted by Pension Bridge. Join our group an exclusive wine reception at the Press Club, located only a few blocks from the Westin St. Francis. Connect with colleagues, clients and peers while experiencing fine wines and delectable bites.

To Register Or Receive More Information About With's 2022 Pension Bridge Annual Conference

Content Director



Paul O'Dowd (201) 787-5001 paul.odowd@withintelligence.com

Head of Allocator Marketing



Rosie Instance (646) 891-2152 rosie.instance@withintelligence.com

Sponsorship Director



Lauren Hawker (646) 891-2150 lauren.hawker@withintelligence.com

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Featuring:



Cliff Asness, Ph.D.

Managing and Founding Principal
Chief Investment Officer
AQR Capital Management

Additional details and invitation to follow.

CHICAGO | MAY 11

GREENWICH | NOV 8

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FIDUCIARY INVESTORS SYMPOSIUM

THE CATALYST FOR REFORMED FIDUCIARY THINKING

May 23-25, 2022 | University of Chicago

Hello Chervl

Registrations are now open for the **Fiduciary Investors Symposium** to be held at the University of Chicago, Booth School of Business on May 23-25, 2022.

As a collective force, institutional investors have enormous power to shape markets, inform policy and empower beneficiaries to have a better, more financially stable future. The **Fiduciary Investors Symposium** acts as an advocate for fiduciary capitalism and the power of asset owners to change the nature of the investment industry, including addressing principal/agent and fee problems, stabilising financial markets, and directing capital for the betterment of society and the environment.

This global forum enables asset owners from around the world to explore investment themes, risks and opportunities with their global peers. It's an opportunity to engage with industry thought leaders in academia and practice in a collegiate environment that promotes shared discussion.

This year's theme is focused on exploring the applicability of the efficient market hypothesis in the current market environment – across different asset classes. We will look at the tension between efficient markets and quantitative techniques with behavioural finance and fundamental analysis challenging investors to think differently about asset allocation and investments, governance and decision-making.

With macroeconomic challenges such as the COVID-19 pandemic, climate change, inflation and geopolitical tension disrupting markets the event will explore where and how investors can access alpha including an emphasis on private markets.

Please take a look at some of our confirmed speakers and topics below, and I warmly invite you to register today.

REGISTER NOW



Amanda White

Editor, Top1000funds.com Director of institutional content, Conexus Financial

EUGENE F. FAMA

Robert R. McCormick
Distinguished Service Professor
of Finance, 2013 Nobel laureate in
economic sciences

"the father of modern finance"





STEVE KAPLAN

Neubauer Family Distinguished Service Professor of Entrepreneurship and Finance. Kessenich E.P. Faculty Director at the Polsky Center for Entrepreneurship and Innovation

"the foremost private equity scholar in the galaxy"

RANDALL KROSZNER

Deputy Dean for Executive Programs, Norman R. Bobins Professor of Economics and former Governor of the Federal Reserve



TOPICS INCLUDE

- Re-shaping globalisation: The role of the east
- Inflation expectations and portfolio protection
- The future of portfolio management
- Energy security, renewables and the energy transition
- Portfolio trade-offs: Balancing performance and liquidity
- The private credit phenomenon: Risks, rewards, performance
 Risk management and the economic outlook
- Net zero asset allocation

EVENT DETAILS

Monday, May 23 | 14:00 - 17:00 Tuesday, May 24 | 09:30 - 22:30 Wednesday, May 25 | 09:00 - 14:30

Location | University of Chicago, Booth School of Business

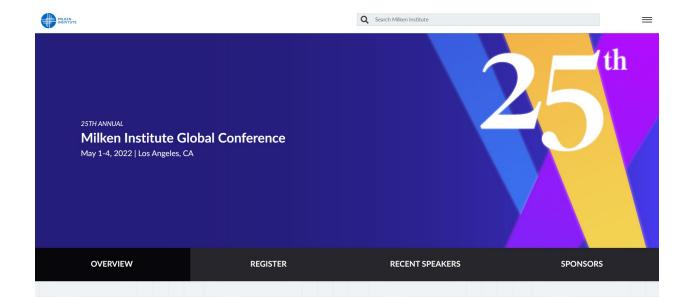
The event will comply with all covid-safe guidelines and we will do all we can to ensure the health and safety of conference delegates. That will include appropriate social distancing and other measures.

You'll need to provide a negative COVID-19 test one calendar day before you travel to the US. <u>Click here</u> for details on travelling to the US.

REGISTER NOV

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The Milken Institute Global Conference convenes the best minds in the world to tackle its urgent challenges and envision its exciting

The event brings together individuals with the capital, power, and influence to change the world with those whose expertise and creativity are rethinking health, finance, technology, philanthropy, industry, and media.

Throughout the past two years, the pandemic has transformed the way we convene, collaborate, and connect—sparking both

innovation for what's next and gratitude for what once was. The 25th annual Global Conference will center on the theme of "Celebrating the Power of Connection."

Join us as we once again engage with our community to share the adversities and achievements of this moment in history—translating lessons learned into building meaningful, healthy, and prosperous lives.

Registration is now open for the 25th annual Global Conference

REGISTER NOW

Solving Challenges

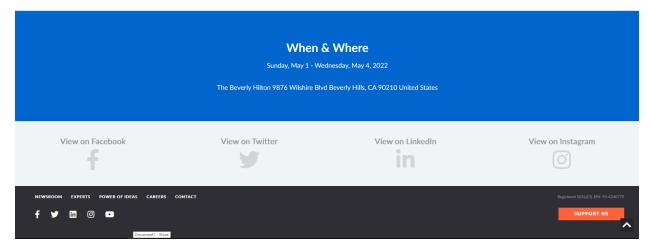
For 25 years, Global Conference has showcased panels on finance, capital access and economic opportunity, technology and innovation, health care, sustainability, and comprehensive discussions covering society, culture, and the most important issues of our time.





Recent Milken Institute Speakers

EXPLORE RECENT SPEAKERS



ASSET ALLOCATION COMPARISON

February 28, 2022

| | | | | % Difference | % Difference | | | |
|---|--|--------------|------------|--------------|--|-------------|--|--|
| | | % of Total | Allocation | from | Prior Period Market | Prior Perio | | |
| FOURTY | Market Value | Fund | Policy | Allocation | Value | of Total Fu | | |
| EQUITY | 00 000 700 07 | | | | 07.040.050.44 | | | |
| CHANNING CAPITAL | 38,822,726.67 | 1.00 | | | 37,318,859.11 | 0.9 | | |
| REDWOOD- SL | 36,108,141.30 | 0.93 | | | 36,084,796.40 | 0.9 | | |
| SYSTEMATIC | 78,665,496.61 | 2.02 | | | 77,314,173.19 | 1.9 | | |
| Total Small Cap | 153,596,364.58 | 3.95 | | | 150,717,828.70 | 3.8 | | |
| SMITH GRAHAM | 82,804,878.96 | 2.13 | | | 81,682,655.29 | 2.0 | | |
| T. ROWE PRICE | 165,960,312.27 | 4.27 | | | 170,794,578.00 | 4.3 | | |
| Total Domestic/Enhanced equity | 248,765,191.23 | 6.40 | | | 252,477,233.29 | 6.4 | | |
| NTGI S&P 500 EQUITY INDEX | 179,530,367.42 | 4.62 | | | 185,067,566.04 | 4.7 | | |
| Total Index | 179,530,367.42 | 4.62 | | | 185,067,566.04 | 4.7 | | |
| | | 14.98 | 12.50 | 2.48 | | 15.0 | | |
| Total Domestic | 581,891,923.23 | | 12.50 | 2.46 | 588,262,628.03 | | | |
| ADELANTE CAPITAL | 56,572,990.25 | 1.46 | | | 58,214,835.67 | 1.4 | | |
| CENTERSQUARE-SL Total REITS | 55,656,379.91 112,229,370.16 | 1.43 2.89 | 2.50 | 0.39 | 57,094,031.84 115,308,867.51 | 1.4 2.9 | | |
| | · · | | 2.50 | 0.39 | | - | | |
| AEW PARTNERS | 21,871,406.00 | 0.56 2.55 | | | 15,019,555.00 | 0.3 2.5 | | |
| HEITMAN INVESCO | 99,056,494.26 82,033,746.00 | 2.55 | | | 99,056,494.26 69,912,431.00 | 1.7 | | |
| INVESCO - SL | 82,033,746.00 | 2.09 | | | 81,303,030.99 | 2.0 | | |
| VIRTUS REAL ESTATE CAP | 15,516,661.00 | 0.40 | | | 15,516,661.00 | 0.4 | | |
| Total Real Estate | 299,781,338.25 | 7.72 | 7.50 | 0.22 | 280,808,172.25 | 7.1 | | |
| FAIRVIEW CAPITAL | 76,282,854.00 | 1.96 | 7.50 | ULL | 76,792,864.00 | 1.9 | | |
| GROSVENOR GCM - CFIG | 148,122,377.00 | 3.81 | | | 150,958,832.00 | 3.8 | | |
| HAMILTON LANE | 113,932,235.00 | 2.93 | | | 116,795,544.00 | 2.9 | | |
| Total Private Equity | 338,337,466.00 | 8.71 | 7.50 | 1.21 | 344,547,240.00 | 8.8 | | |
| ACADIAN | 134,114,581.81 | 3.45 | | | 132,790,495.39 | 3.4 | | |
| | | | | | | | | |
| AQR CAPITAL | 125,023,691.73 | 3.22 | | | 128,382,296.85 | 3.2 | | |
| ATIVO | 41,192,827.63 | 1.06 | | | 42,410,098.43 | 1.0 | | |
| BAILLIE GIFFORD | 75,967,409.90 | 1.96 | | | 80,160,955.22 | 2.0 | | |
| EARNEST PARTNERS | 98,465,292.31 | 2.53 | | | 98,909,172.04 | 2.5 | | |
| Total International | 474,763,803.38 | 12.22 | 12.50 | -0.28 | 482,653,017.93 | 12.3 | | |
| ARIEL | 118,440,489.09 | 3.05 | | | 121,434,613.04 | 3.1 | | |
| NORTHERN TRUST INTL EQ ACWI INDEX | 27,106,244.01 | 0.70 | | | 27,830,416.92 | 0.7 | | |
| WELLINGTON MGMT | 131,384,194.09 | 3.38 | | | 135,409,807.16 | 3.4 | | |
| Total Global Equity | 276,930,927.19 | 7.13 | 7.50 | -0.37 | 284,674,837.12 | 7.2 | | |
| ACADIAN-LVG | 243,880,263.80 | 6.28 | | | 245,420,717.10 | 6.2 | | |
| BLACKROCK | 239,142,390.18 | 6.15 | | | 243,166,439.80 | 6.2 | | |
| Total Global Low Volatility Equity | 483,022,653.98 | 12.43 | 12.50 | -0.07 | 488,587,156.90 | 12.4 | | |
| ATLANTIC TRUST | 90,615,893.20 | 2.33 | | | 86,256,882.95 | 2.2 | | |
| HARVEST FUND | 92,852,449.21 | 2.39 | | | 86,698,362.12 | 2.2 | | |
| COHEN & STEERS | 67,844,299.59 | 1.75 | | | 67,951,820.95 | 1.7 | | |
| Total Global Listed Infratructure | 251,312,642.00 | 6.47 | 5.00 | 1.47 | 240,907,066.02 | 6.1 | | |
| Total Marketable Alternatives | - | 0.00 | 2.50 | -2.50 | - | 0.0 | | |
| TOTAL EQUITY | 2,818,270,124.19 | 72.53 | 70.00 | 2.53 | 2,825,748,985.76 | 72.2 | | |
| | -,, | | . 5.50 | | _,, | | | |
| FIXED INCOME | 04.000.440.55 | | | | 05 /05 5/0 | l | | |
| GARCIA HAMILTON | 64,922,112.05 | 1.67 | | | 65,497,513.10 | 1.6 | | |
| NT COLLECTIVE AGGREGATE BOND INDEX FUND | 214,211,791.45 | 5.51 | | | 216,656,271.51 | 5.5 | | |
| SECURIAN ASSET MANAGEMENT | 216,149,612.59 | 5.56 | | | 218,920,158.44 | 5.6 | | |
| Total Investment Grade | 495,283,516.09 | 12.75 | 15.00 | -2.25 | 501,073,943.05 | 12.8 | | |
| NEUBERGER BERMAN | 177,397,306.20 | 4.57 | | | 182,193,134.89 | 4.6 | | |
| Total Opportunistic Credit | 177,397,306.20 | 4.57 | 5.00 | -0.43 | 182,193,134.89 | 4.6 | | |
| | | | | | | | | |
| BLACKROCK-HY | 181,611,717.01 | 4.67 | | | 183,103,542.94 | 4.6 | | |
| OAKTREE | 184,935,073.86 | 4.76 | | | 186,271,314.33 | 4.7 | | |
| | 366,546,790.87 | 9.43 | 10.00 | -0.57 | 369,374,857.27 | 9.4 | | |
| Total High Yield | | | | | | | | |
| • | | 0.72 | | | 32,025.165.70 | 0.8 | | |
| CASH ACCOUNT Total Short Term | 28,092,415.80 28,092,415.80 | 0.72 0.72 | 0.00 | 0.72 | 32,025,165.70 32,025,165.70 | 0.8 0.8 | | |

TOTAL FUND \$ 3,885,590,153.15 \$ 3,910,416,086.67

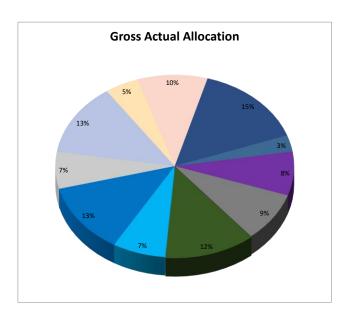
Market Value YE 2021 \$ 4,026,059,659.28 Market Value Variance

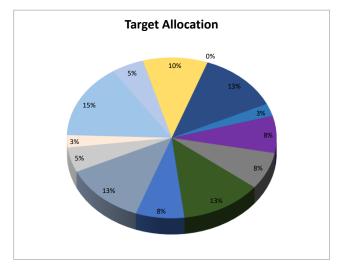
| Market Value Variance
| Change from YE 2021: | \$ (140,469,506.13)
| Change from prior month: | \$ (24,825,933.52)

Asset Allocation: Actual vs. Target

February 28, 2022

| | | | | % Difference |
|--|---|---|----------------------|----------------------|
| | Market Value | Gross Actual Allocation | Target Allocation | from Allocation |
| EQUITY | market value | Allocation | Allocation | Anocation |
| CHANNING CAPITAL | 38,822,726.67 | 1.00 | | |
| REDWOOD- SL | 36,108,141.30 | 0.93 | | |
| SYSTEMATIC | 78,665,496.61 | 2.02 | | |
| Total Small Cap | 153,596,364.58 | <u>3.95</u> | | |
| SMITH GRAHAM | 82,804,878.96 | 2.13 | | |
| T. ROWE PRICE | 165,960,312.27 | 4.27 | | |
| Total Domestic/Enhanced equity | 248,765,191.23 | <u>6.40</u> | | |
| NTGI S&P 500 EQUITY INDEX | 179,530,367.42 | 4.62 | | |
| Total Index | 179,530,367.42 | <u>4.62</u> | | |
| Total Domestic | 581,891,923.23 | 14.98 | 12.50 | 2.4 |
| ADELANTE CAPITAL | 56,572,990.25 | 1.46 | | |
| CENTERSQUARE-SL | 55,656,379.91 | <u>1.43</u> | | |
| Total REITS | 112,229,370.16 | 2.89 | 2.50 | 0.3 |
| AEW PARTNERS | 21,871,406.00 | 0.56 | | |
| HEITMAN | 99,056,494.26 | 2.55 | | |
| INVESCO | 81,303,030.99 | 2.09 | | |
| INVESCO - SL VIRTUS REAL ESTATE CAP | 82,033,746.00 | 2.11 0.40 | | |
| Total Real Estate | 15,516,661.00 299,781,338.25 | 7.72 | 7.50 | 0.2 |
| | | | 7.50 | 0.2 |
| FAIRVIEW CAPITAL GROSVENOR GCM - CFIG | 76,282,854.00 148,122,377.00 | 1.96 3.81 | | |
| HAMILTON LANE | 113,932,235.00 | 2.93 | | |
| Total Private Equity | 338,337,466.00 | 8.71 | 7.50 | 1.2 |
| ACADIAN | 134,114,581.81 | 3.45 | 7.00 | 1.2 |
| AQR CAPITAL | 125,023,691.73 | 3.22 | | |
| ATIVO | 41,192,827.63 | 1.06 | | |
| BAILLIE GIFFORD | 75,967,409.90 | 1.96 | | |
| EARNEST PARTNERS | 98,465,292.31 | 2.53 | | |
| Total International | 474,763,803.38 | 12.22 | 12.50 | -0.2 |
| ARIEL | 118,440,489.09 | 3.05 | | |
| NORTHERN TRUST INTL EQ ACWI INDEX | 27,106,244.01 | 0.70 | | |
| WELLINGTON MGMT | 131,384,194.09 | <u>3.38</u> | | |
| Total Global Equity | 276,930,927.19 | 7.13 | 7.50 | -0.3 |
| ACADIAN-LVG | 243,880,263.80 | 6.28 | | |
| BLACKROCK | 239,142,390.18 | <u>6.15</u> | | |
| Total Global Low Volatility Equity | 483,022,653.98 | 12.43 | 12.50 | -0.0 |
| ATLANTIC TRUST | 90,615,893.20 | 2.33 | | |
| HARVEST FUND | 92,852,449.21 | 2.39 | | |
| COHEN & STEERS | 67,844,299.59 | 1.75 | | |
| Total Global Listed Infratructure | 251,312,642.00 | 6.47 | 5.00 | 1.4 |
| Total Marketable Alternatives | - | 0.00 | 2.50 | -2.5 |
| TOTAL EQUITY | 2,818,270,124.19 | 72.53 | 70.00 | 2.5 |
| | | | | |
| FIXED INCOME | | | | |
| FIXED INCOME GARCIA HAMILTON | 64,922,112.05 | 1.67 | | |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND | 214,211,791.45 | 5.51 | | |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT | 214,211,791.45 216,149,612.59 | 5.51 <u>5.56</u> | | |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT Total Investment Grade | 214,211,791.45 216,149,612.59 495,283,516.09 | 5.51 <u>5.56</u> 12.75 | 15.00 | -2.2 |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT Total Investment Grade NEUBERGER BERMAN | 214,211,791.45 216,149,612.59 495,283,516.09 177,397,306.20 | 5.51 <u>5.56</u> 12.75 4.57 | | |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT Total Investment Grade NEUBERGER BERMAN Total Opportunistic Credit | 214,211,791.45 216,149,612.59 495,283,516.09 177,397,306.20 177,397,306.20 | 5.51 <u>5.56</u> 12.75 4.57 4.57 | 15.00 5.00 | |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT Total Investment Grade NEUBERGER BERMAN Total Opportunistic Credit BLACKROCK-HY | 214,211,791.45 216,149,612.59 495,283,516.09 177,397,306.20 177,397,306.20 181,611,717.01 | 5.51 <u>5.56</u> 12.75 4.57 4.67 | | |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT Total Investment Grade NEUBERGER BERMAN Total Opportunistic Credit BLACKROCK-HY OAKTREE | 214,211,791.45 216,149,612.59 495,283,516.09 177,397,306.20 177,397,306.20 181,611,717.01 184,935,073.86 | 5.51 5.56 12.75 4.57 4.67 4.67 4.76 | 5.00 | -0.4 |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT Total Investment Grade NEUBERGER BERMAN Total Opportunistic Credit BLACKROCK-HY OAKTREE Total High Yield | 214,211,791.45 216,149,612.59 495,283,516.09 177,397,306.20 177,397,306.20 181,611,717.01 | 5.51 <u>5.56</u> 12.75 4.57 4.67 | | -0.4 |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT Total Investment Grade NEUBERGER BERMAN Total Opportunistic Credit BLACKROCK-HY OAKTREE | 214,211,791.45 216,149,612.59 495,283,516.09 177,397,306.20 177,397,306.20 181,611,717.01 184,935,073.86 | 5.51 5.56 12.75 4.57 4.57 4.67 4.76 9.43 0.72 | 5.00 10.00 | -0.4 -0.5 |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT Total Investment Grade NEUBERGER BERMAN Total Opportunistic Credit BLACKROCK-HY OAKTREE Total High Yield | 214,211,791.45 216,149,612.59 495,283,516.09 177,397,306.20 177,397,306.20 181,611,717.01 184,935,073.86 366,546,790.87 | 5.51 5.56 12.75 4.57 4.57 4.67 4.76 9.43 | 5.00 | -2.2 -0.4 -0.5 |
| FIXED INCOME GARCIA HAMILTON NT COLLECTIVE AGGREGATE BOND INDEX FUND SECURIAN ASSET MANAGEMENT Total Investment Grade NEUBERGER BERMAN Total Opportunistic Credit BLACKROCK-HY OAKTREE Total High Yield CASH ACCOUNT | 214,211,791.45 216,149,612.59 495,283,516.09 177,397,306.20 177,397,306.20 181,611,717.01 184,935,073.86 366,546,790.87 28,092,415.80 | 5.51 5.56 12.75 4.57 4.57 4.67 4.76 9.43 0.72 | 5.00 10.00 | -0.4 |





ASSET ALLOCATION COMPARISON

March 31, 2022

| | | % Difference | | | | | |
|---|------------------|--------------|------------|------------|---------------------|--------------|--|
| | | % of Total | Allocation | from | Prior Period Market | Prior Period | |
| EQUITY | Market Value | Fund | Policy | Allocation | Value | of Total Fun | |
| CHANNING CAPITAL | 38,141,605.83 | 0.98 | | | 38,822,726.67 | 1.00 | |
| REDWOOD- SL | 35,151,148.42 | 0.90 | | | 36,108,141.30 | 0.93 | |
| | | | | | | | |
| SYSTEMATIC | 77,249,793.64 | 1.98 | | | 78,665,496.61 | 2.02 | |
| Total Small Cap | 150,542,547.89 | 3.85 | | | 153,596,364.58 | 3.95 | |
| SMITH GRAHAM | 83,218,778.88 | 2.13 | | | 82,804,878.96 | 2.13 | |
| T. ROWE PRICE | 171,360,327.94 | 4.38 | | | 165,960,312.27 | 4.27 | |
| Total Domestic/Enhanced equity | 254,579,106.82 | 6.51 | | | 248,765,191.23 | 6.40 | |
| NTGI S&P 500 EQUITY INDEX | 180,330,179.76 | 4.61 | | | 179,530,367.42 | 4.62 | |
| Total Index | 180,330,179.76 | 4.61 | | | 179,530,367.42 | 4.62 | |
| Total Domestic | 585,451,834.47 | 14.97 | 12.50 | 2.47 | 581,891,923.23 | 14.98 | |
| ADELANTE CAPITAL | 60,464,707.62 | 1.55 | 12.00 | 2.47 | 56,572,990.25 | 1.46 | |
| CENTERSQUARE-SL | 59,286,359.23 | 1.52 | | | 55,656,379.91 | 1.43 | |
| Total REITS | 119,751,066.85 | 3.06 | 2.50 | 0.56 | 112,229,370.16 | 2.89 | |
| AEW PARTNERS | 24,599,568.00 | 0.63 | | | 21,871,406.00 | 0.56 | |
| HEITMAN | 99,056,494.26 | 2.53 | | | 99,056,494.26 | 2.55 | |
| INVESCO | 81,391,852.00 | 2.08 | | | 82,033,746.00 | 2.09 | |
| INVESCO - SL | 81,303,030.99 | 2.08 | | | 81,303,030.99 | 2.11 | |
| VIRTUS REAL ESTATE CAP | 15,516,661.00 | 0.40 | | | 15,516,661.00 | 0.40 | |
| Total Real Estate | 301,867,606.25 | 7.72 | 7.50 | 0.22 | 299,781,338.25 | 7.72 | |
| FAIRVIEW CAPITAL | 77,043,259.00 | 1.97 | | | 76,282,854.00 | 1.96 | |
| GROSVENOR GCM - CFIG | 149,567,410.00 | 3.83 | | | 148,122,377.00 | 3.81 | |
| HAMILTON LANE | 112,034,009.00 | 2.87 | | | 113,932,235.00 | 2.93 | |
| Total Private Equity | 338,644,678.00 | 8.66 | 7.50 | 1.16 | 338,337,466.00 | 8.71 | |
| ACADIAN | 138,254,079.71 | 3.54 | | | 134,114,581.81 | 3.45 | |
| AQR CAPITAL | 125,963,300.41 | 3.22 | | | 125,023,691.73 | 3.22 | |
| | | | | | | | |
| ATIVO | 41,636,279.37 | 1.06 | | | 41,192,827.63 | 1.06 | |
| BAILLIE GIFFORD | 75,090,086.45 | 1.92 | | | 75,967,409.90 | 1.96 | |
| EARNEST PARTNERS | 99,457,621.54 | 2.54 | | | 98,465,292.31 | 2.53 | |
| Total International | 480,401,367.48 | 12.29 | 12.50 | -0.21 | 474,763,803.38 | 12.22 | |
| ARIEL | 121,166,493.77 | 3.10 | | | 118,440,489.09 | 3.05 | |
| NORTHERN TRUST INTL EQ ACWI INDEX | 27,589,248.15 | 0.71 | | | 27,106,244.01 | 0.70 | |
| WELLINGTON MGMT | 133,405,419.25 | 3.41 | | | 131,384,194.09 | 3.38 | |
| Total Global Equity | 282,161,161.17 | 7.22 | 7.50 | -0.28 | 276,930,927.19 | 7.13 | |
| ACADIAN-LVG | 249,271,844.56 | 6.38 | | | 243,880,263.80 | 6.28 | |
| BLACKROCK | 248,091,435.94 | 6.34 | | | 239,142,390.18 | 6.15 | |
| Total Global Low Volatility Equity | 497,363,280.50 | 12.72 | 12.50 | 0.22 | 483,022,653.98 | 12.43 | |
| ATLANTIC TRUST | 69,793,539.14 | 1.78 | | | 90,615,893.20 | 2.33 | |
| | | 1.78 | | | 92,852,449.21 | 2.39 | |
| HARVEST FUND | 69,753,944.17 | | | | | | |
| COHEN & STEERS | 72,948,224.29 | 1.87 | E 00 | 0.42 | 67,844,299.59 | 1.75 | |
| Total Global Listed Infratructure | 212,495,707.60 | 5.43 | 5.00 | 0.43 | 251,312,642.00 | 6.47 | |
| Total Marketable Alternatives | - | 0.00 | 2.50 | -2.50 | • | 0.00 | |
| TOTAL EQUITY | 2,818,136,702.32 | 72.07 | 70.00 | 2.07 | 2,818,270,124.19 | 72.53 | |
| FIXED INCOME | | | | | | | |
| GARCIA HAMILTON | 63,553,894.45 | 1.63 | | | 64,922,112.05 | 1.67 | |
| NT COLLECTIVE AGGREGATE BOND INDEX FUND | | 5.33 | | | 214,211,791.45 | 5.51 | |
| | 208,263,459.15 | | | | | | |
| SECURIAN ASSET MANAGEMENT | 210,342,669.30 | 5.38 | | | 216,149,612.59 | 5.56 | |
| Total Investment Grade | 482,160,022.90 | 12.33 | 15.00 | -2.67 | 495,283,516.09 | 12.75 | |
| NEUBERGER BERMAN | 176,957,145.47 | 4.53 | | | 177,397,306.20 | 4.57 | |
| Total Opportunistic Credit | 176,957,145.47 | 4.53 | 5.00 | -0.47 | 177,397,306.20 | 4.57 | |
| BLACKROCK-HY | 180,488,961.76 | 4.62 | | | 181,611,717.01 | 4.67 | |
| OAKTREE | | 4.70 | | | | 4.76 | |
| | 183,720,685.17 | | 40.00 | 2.00 | 184,935,073.86 | | |
| Total High Yield | 364,209,646.93 | 9.31 | 10.00 | -0.69 | 366,546,790.87 | 9.43 | |
| CASH ACCOUNT | 68,629,009.87 | 1.76 | | | 28,092,415.80 | 0.72 | |
| Total Short Term | 68,629,009.87 | 1.76 | 0.00 | 1.76 | 28,092,415.80 | 0.72 | |
| TOTAL FIXED INCOME | 1,091,955,825.17 | 27.93 | 30.00 | -2.07 | 1,067,320,028.96 | 27.47 | |
| . OTAL TIMED INCOME | .,00.,000,020.17 | 27.33 | 30.00 | 2.01 | .,00.,020,020.00 | 1 21.71 | |

TOTAL FUND \$ 3,910,092,527.49 \$ 3,885,590,153.15

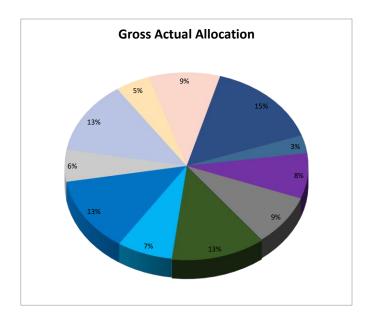
Market Value YE 2021 \$ 4,026,059,659.28 Market Value Variance

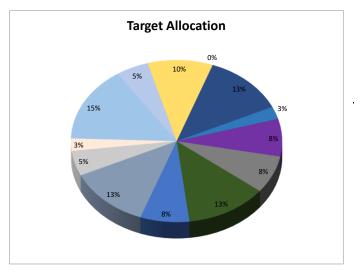
| Market Value Variance | Change from YE 2021: | \$ (115,967,131.79) | Change from prior month: | \$ 24,502,374.34

Asset Allocation: Actual vs. Target

March 31, 2022

| | | | | % Differen |
|---|----------------------------------|---------------|------------|------------|
| | | Gross Actual | Target | from |
| | Market Value | Allocation | Allocation | Allocation |
| EQUITY | | | | |
| CHANNING CAPITAL | 38,141,605.83 | 0.98 | | |
| REDWOOD- SL | 35,151,148.42 | 0.90 | | |
| SYSTEMATIC | 77,249,793.64 | 1.98 | | |
| Total Small Cap | 150,542,547.89 | <u>3.85</u> | | |
| SMITH GRAHAM | 83,218,778.88 | 2.13 | | |
| T. ROWE PRICE | 171,360,327.94 | 4.38 | | |
| Total Domestic/Enhanced equity | 254,579,106.82 | <u>6.51</u> | | |
| NTGI S&P 500 EQUITY INDEX | 180,330,179.76 | 4.61 | | |
| Total Index | 180,330,179.76 | <u>4.61</u> | | |
| Total Domestic | 585,451,834.47 | 14.97 | 12.50 | 2 |
| ADELANTE CAPITAL | 60,464,707.62 | 1.55 | | |
| CENTERSQUARE-SL | 59,286,359.23 | <u>1.52</u> | | |
| Total REITS | 119,751,066.85 | 3.06 | 2.50 | 0 |
| AEW PARTNERS | 24,599,568.00 | 0.63 | | |
| HEITMAN | 99,056,494.26 | 2.53 | | |
| INVESCO | 81,303,030.99 | 2.08 | | |
| INVESCO - SL | 81,391,852.00 | 2.08 | | |
| VIRTUS REAL ESTATE CAP | 15,516,661.00 | 0.40 | | |
| Total Real Estate | 301,867,606.25 | 7.72 | 7.50 | 0 |
| FAIRVIEW CAPITAL | 77.043.259.00 | 1.97 | | |
| GROSVENOR GCM - CFIG | 149,567,410.00 | 3.83 | | |
| HAMILTON LANE | 112,034,009.00 | 2.87 | | |
| Total Private Equity | 338,644,678.00 | 8.66 | 7.50 | 1 |
| ACADIAN | 138,254,079,71 | 3.54 | | |
| AQR CAPITAL | 125,963,300.41 | 3.22 | | |
| ATIVO | 41,636,279.37 | 1.06 | | |
| BAILLIE GIFFORD | 75,090,086.45 | 1.92 | | |
| EARNEST PARTNERS | 99,457,621.54 | 2.54 | | |
| Total International | 480,401,367.48 | 12.29 | 12.50 | -0 |
| ARIEL | 121,166,493.77 | 3.10 | | |
| NORTHERN TRUST INTL EQ ACWI INDEX | 27,589,248.15 | 0.71 | | |
| WELLINGTON MGMT | 133,405,419.25 | 3.41 | | |
| Total Global Equity | 282,161,161.17 | 7.22 | 7.50 | -0 |
| ACADIAN-LVG | 249,271,844.56 | 6.38 | | |
| BLACKROCK | 248,091,435.94 | 6.34 | | |
| Total Global Low Volatility Equity | 497,363,280.50 | 12.72 | 12.50 | C |
| ATLANTIC TRUST | 69,793,539.14 | 1.78 | | |
| HARVEST FUND | 69,753,944.17 | 1.78 | | |
| COHEN & STEERS | 72,948,224.29 | 1.87 | | |
| Total Global Listed Infratructure | 212,495,707.60 | 5.43 | 5.00 | |
| Total Marketable Alternatives | - | 0.00 | 2.50 | -2 |
| TOTAL EQUITY | 2,818,136,702.32 | 72.07 | 70.00 | : |
| | 2,010,100,102.02 | 72.07 | 70.00 | |
| FIXED INCOME GARCIA HAMILTON | 62 552 904 45 | 1.63 | | |
| NT COLLECTIVE AGGREGATE BOND INDEX FUND | 63,553,894.45 208,263,459.15 | 5.33 | | |
| | | 5.38 | | |
| SECURIAN ASSET MANAGEMENT Total Investment Grade | 210,342,669.30 482,160,022.90 | 3.36 12.33 | 15.00 | -2 |
| | | | 13.00 | -2 |
| NEUBERGER BERMAN | 176,957,145.47 | 4.53 | E 00 | , |
| Total Opportunistic Credit | 176,957,145.47 | 4.53 | 5.00 | -0 |
| BLACKROCK-HY | 180,488,961.76 | 4.62 | | |
| DAKTREE | 183,720,685.17 | 4.70 | | |
| Total High Yield | 364,209,646.93 | 9.31 | 10.00 | -0 |
| CASH ACCOUNT | 68,629,009.87 | 1.76 | | |
| Total Short Term | 68,629,009.87 | 1.76 | 0.00 | 1 |
| Total Short Term | 00,000,000 | | | |
| TOTAL FIXED INCOME | 1,091,955,825.17 | 27.93 | 30.00 | -2 |





TOTAL FUND \$ 3,910,092,527.49

DISCUSSION SHEET

Employees' Retirement Fund Board of Trustees Meeting

April 12, 2022

Issue: Second Quarter of 2022 Cash Rebalance

Attachment: None, informational purposes only

Discussion: During the month of March, ERF Staff rebalanced fund

managers taking \$60 million in cash to pay benefits for the

Second Quarter of 2022.

Redemptions were as follows: \$28 million from Harvest Fund

Advisors, \$26 million from CIBC, and \$6 million from NTGI

S&P 500.

Wilshire

Dallas Employees' Retirement Fund

Monthly Investment Summary

ebruary, 2022

Monthly Index Performance Periods Ended February 28, 2022

| | Performance (%) | | | | | | | | |
|---|-----------------|--------|--------|--------|-------|-------|--|--|--|
| | 1 | OTD | VTD | 1 | 3 | 5 | | | |
| | Month | QTD | YTD | Year | Years | Years | | | |
| J.S. Equity | | | | | | | | | |
| FT Wilshire 5000 Total Market TR Index | -2.44 | -8.03 | -8.03 | 13.45 | 17.94 | 14.90 | | | |
| S&P 500 | -2.99 | -8.01 | -8.01 | 16.39 | 18.24 | 15.17 | | | |
| T Wilshire 4500 Completion Index | 0.60 | -8.64 | -8.64 | -2.12 | 15.19 | 12.89 | | | |
| MSCI USA Minimum Volatility Index | -3.05 | -8.77 | -8.77 | 13.86 | 10.82 | 11.28 | | | |
| J.S. Equity by Size/Style | | | | | | | | | |
| -T Wilshire U.S. Large-Cap Index | -2.75 | -8.08 | -8.08 | 15.03 | 18.60 | 15.61 | | | |
| T Wilshire U.S. Large-Cap Growth Index | -3.72 | -11.64 | -11.64 | 14.19 | 22.80 | 18.56 | | | |
| T Wilshire U.S. Large-Cap Value Index | -1.56 | -3.38 | -3.38 | 15.58 | 14.15 | 11.74 | | | |
| T Wilshire U.S. Small-Cap Index | 1.15 | -7.34 | -7.34 | -1.07 | 11.66 | 10.05 | | | |
| T Wilshire U.S. Small-Cap Growth Index | 1.07 | -10.39 | -10.39 | -10.10 | 11.80 | 11.20 | | | |
| T Wilshire U.S. Small-Cap Value Index | 1.23 | -4.24 | -4.24 | 9.00 | 11.54 | 8.42 | | | |
| T Wilshire U.S. Micro-Cap Index | -0.78 | -10.17 | -10.17 | -19.18 | 6.26 | 6.89 | | | |
| Non-U.S. Equity (USD) | | | | | | | | | |
| MSCI AC World ex USA (Net) | -1.98 | -5.59 | -5.59 | -0.40 | 7.67 | 7.26 | | | |
| MSCI ACWI ex USA Minimum Volatility Index (Net) | 0.53 | -2.93 | -2.93 | 8.08 | 5.35 | 6.56 | | | |
| MSCI EAFE Index (Net) | -1.77 | -6.52 | -6.52 | 2.83 | 7.78 | 7.16 | | | |
| MSCI Emerging Markets (Net) | -2.99 | -4.83 | -4.83 | -10.69 | 6.04 | 6.99 | | | |
| MSCI AC World ex USA Small Cap (Net) | -1.29 | -7.46 | -7.46 | 1.03 | 9.90 | 8.11 | | | |
| J.S. Fixed Income | | | | | | | | | |
| Blmbg. U.S. Aggregate | -1.12 | -3.25 | -3.25 | -2.64 | 3.30 | 2.71 | | | |
| Blmbg. U.S. Treasury: Long | -1.46 | -5.54 | -5.54 | -1.05 | 6.98 | 4.93 | | | |
| Blmbg. U.S. Long Corporate Index | -3.46 | -8.88 | -8.88 | -4.36 | 7.12 | 5.30 | | | |
| Blmbg. U.S. TIPS | 0.85 | -1.19 | -1.19 | 6.06 | 7.53 | 4.81 | | | |
| Blmbg. U.S. Credit Index | -1.89 | -5.03 | -5.03 | -3.25 | 4.52 | 3.67 | | | |
| Blmbg. U.S. Corp: High Yield | -1.03 | -3.73 | -3.73 | 0.64 | 5.31 | 4.88 | | | |
| S&P LSTA Leverage Loan Index | | | | | | | | | |

Asset Allocation & Performance

Dallas Total Fund
Periods Ended February 28, 2022

| | | Allocation | | | | | | | | |
|--|----------------|---------------|----------------|---------------|--------------|--------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Global Equity Composite | -2.72 | -2.69 | -6.35 | 4.49 | 11.28 | 10.27 | 9.56 | 9/1/2012 | 276,930,927 | 7.13 |
| Global Low Volatility Composite | -1.14 | 0.16 | -5.63 | 11.79 | 7.21 | 7.76 | 7.96 | 7/1/2015 | 483,022,654 | 12.43 |
| Domestic Equity Composite | -1.08 | -2.14 | -6.57 | 13.74 | 17.08 | 13.95 | 10.65 | 1/1/1990 | 581,891,923 | 14.98 |
| International Equity Composite | -1.45 | -1.74 | -6.53 | -0.57 | 9.75 | 8.09 | 5.78 | 1/1/1990 | 474,676,276 | 12.22 |
| Global Fixed Income Composite | -1.16 | -3.40 | -3.12 | -2.21 | 3.85 | 3.15 | 4.80 | 10/1/1995 | 495,283,516 | 12.75 |
| High Yield Composite | -0.76 | -1.22 | -3.16 | 1.18 | 5.21 | 4.49 | 6.30 | 1/1/1997 | 366,544,387 | 9.44 |
| Credit Opportunities Composite | -1.89 | -2.42 | -3.66 | -0.83 | 3.51 | 4.00 | 5.47 | 2/1/2016 | 177,757,580 | 4.58 |
| Total Real Estate Composite | -0.75 | 6.50 | -2.82 | 24.32 | 10.49 | 8.57 | 6.95 | 1/1/1990 | 410,824,361 | 10.58 |
| Global Listed Infrastructure Composite | 4.32 | 13.33 | 9.97 | 36.52 | 1.45 | -0.65 | 4.36 | 1/1/2012 | 251,312,642 | 6.47 |
| Private Equity Composite | -0.24 | 10.44 | 4.42 | 36.76 | 18.69 | 16.79 | 14.68 | 6/1/2009 | 338,337,429 | 8.71 |
| Managed Short Term Composite | 0.01 | 0.02 | 0.01 | 0.04 | 0.87 | 1.13 | 2.76 | 1/1/1990 | 28,092,416 | 0.72 |
| Dallas Total Fund Policy Index | -0.82 -1.50 | 0.91 -1.38 | -3.14 -4.58 | 10.38 8.55 | 9.04 9.17 | 7.76 7.69 | 9.03 9.60 | 1/1/1985 | 3,884,674,110 | 100.00 |

Asset Allocation & Performance

Domestic Equity
Periods Ended February 28, 2022

| | | Performance (%) net of fees | | | | | | | | | |
|-------------------------------------|------------|-----------------------------|--------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|--|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % | |
| Systematic Financial | 1.75 | 1.64 | -3.36 | 11.10 | 12.43 | 10.78 | 11.20 | 8/1/2003 | 78,665,497 | 13.52 | |
| Russell 2000 Index | 1.07 | -6.62 | -8.66 | -6.01 | 10.50 | 9.50 | 9.60 | | | | |
| Redwood Investments * | 0.06 | -14.66 | -15.67 | -5.26 | 14.18 | 11.80 | 11.56 | 10/1/2016 | 36,108,141 | 6.21 | |
| Russell 2000 Growth Index | 0.44 | -12.64 | -13.03 | -17.40 | 9.22 | 10.49 | 11.18 | | | | |
| Channing Capital * | 4.03 | 6.29 | 0.32 | 7.11 | 13.70 | 8.67 | 8.68 | 12/1/2013 | 38,822,727 | 6.67 | |
| Russell 2000 Value Index | 1.65 | -0.37 | -4.27 | 6.63 | 10.91 | 7.97 | 8.18 | | | | |
| Domestic Equity Small Cap Composite | 1.91 | -1.68 | -5.72 | 5.76 | 13.43 | 10.68 | 10.18 | 6/1/2003 | 153,596,365 | 26.40 | |
| Smith Graham * | 1.37 | 3.72 | -2.61 | 19.23 | 16.62 | | 11.08 | 1/1/2018 | 82,804,879 | 14.23 | |
| Russell Midcap Index | -0.72 | -4.28 | -8.03 | 7.07 | 14.25 | | 11.39 | | | | |
| T. Rowe Price | -2.83 | -3.39 | -7.67 | 16.88 | 18.92 | 16.03 | 10.74 | 4/1/2006 | 165,960,312 | 28.52 | |
| S&P 500 | -2.99 | -3.89 | -8.01 | 16.39 | 18.24 | 15.17 | 10.17 | | | | |
| Northern Trust S&P 500 (Lending) | -2.99 | -3.89 | -8.01 | 16.38 | 18.21 | 15.15 | 10.77 | 1/1/1995 | 179,530,367 | 30.85 | |
| S&P 500 | -2.99 | -3.89 | -8.01 | 16.39 | 18.24 | 15.17 | 10.73 | | | | |
| Domestic Equity Composite | -1.08 | -2.14 | -6.57 | 13.74 | 17.08 | 13.95 | 10.65 | 1/1/1990 | 581,891,923 | 100.00 | |
| Custom Benchmark | -2.44 | -4.45 | -8.03 | 13.45 | 17.94 | 14.90 | 10.73 | | | | |

Asset Allocation & Performance

Real Estate

Periods Ended February 28, 2022

| | | Performance (%) net of fees | | | | | | | | |
|--|------------|-----------------------------|--------|-----------|------------|------------|--------------------|-------------------|-----------------------|-------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Adelante Capital Management | -2.82 | -1.95 | -9.90 | 27.80 | 12.37 | 9.57 | 10.29 | 10/1/2001 | 56,572,990 | 13.77 |
| Wilshire U.S. Real Estate Securities Index | -3.31 | -2.03 | -10.01 | 26.63 | 10.64 | 8.10 | 10.38 | | | |
| CenterSquare | -2.52 | -0.70 | -9.04 | 25.42 | 11.83 | | 12.32 | 6/1/2018 | 55,656,380 | 13.55 |
| Wilshire U.S. Real Estate Securities Index | -3.31 | -2.03 | -10.01 | 26.63 | 10.64 | | 11.22 | | | |
| REIT Composite | -2.67 | -1.33 | -9.48 | 26.60 | 12.10 | 9.11 | 10.35 | 10/1/2001 | 112,229,370 | 27.32 |
| Wilshire U.S. Real Estate Securities Index | -3.31 | -2.03 | -10.01 | 26.63 | 10.64 | 8.10 | 10.38 | | | |
| Heitman America Real Estate Trust, LP | 0.00 | 8.88 | 0.00 | 23.80 | 7.16 | 6.81 | 10.11 | 12/1/2010 | 98,325,046 | 23.93 |
| NCREIF ODCE NOF | 0.00 | 7.66 | 0.00 | 21.02 | 8.23 | 7.74 | 10.14 | | | |
| Invesco Core Real Estate USA, LLC | 0.00 | 5.88 | 0.00 | 21.24 | 8.36 | 8.58 | 10.56 | 12/1/2010 | 80,848,131 | 19.68 |
| NCREIF ODCE NOF | 0.00 | 7.66 | 0.00 | 21.02 | 8.23 | 7.74 | 10.14 | | | |
| Virtus Real Estate Capital III | 0.00 | 7.48 | 0.00 | 7.44 | | | 6.85 | 2/1/2021 | 15,516,661 | 3.78 |
| NCREIF ODCE NOF | 0.00 | 7.66 | 0.00 | 21.02 | | | 19.26 | | | |
| AEW Partners Real Estate Fund IX | 0.00 | 0.00 | 0.00 | | | | -29.22 | 4/1/2021 | 21,871,406 | 5.32 |
| NCREIF ODCE NOF | 0.00 | 7.66 | 0.00 | | | | 18.78 | | | |

Real Estate

Periods Ended February 28, 2022

| | | | Pe | rforman | ce (%) ne | et of fees | | | Allocation | |
|---|-----------------------|---------------------|-----------------------|--------------------|---------------------|---------------------|---------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Private Core Real Estate Composite Custom Benchmark | 0.00 0.00 | 9.85 9.77 | 0.00 0.00 | 21.10 21.21 | 8.95 9.59 | 7.95 8.29 | 9.72 9.36 | 10/1/2010 | 298,594,990 | 72.68 |
| Total Real Estate Composite Custom Benchmark | -0.75 -1.66 | 6.50 3.78 | -2.82 -5.06 | 24.32 24.41 | 10.49 10.69 | 8.57 8.65 | 6.95 8.83 | 1/1/1990 | 410,824,361 | 100.00 |

Employees' Retirement Fund of the City of Dallas



Private Equity & Direct Private Real Estate Monthly Performance and Market Value Summary

Periods Ended 02/28/22

| | Month-End Market Value | Commitment Value | Drawn Down Capital | Cash Distributions | Inception Date | IRR Since Inception | Multiple ³ |
|---|---------------------------|------------------|--------------------|--------------------|----------------|---------------------|-----------------------|
| Invesco II | 82,033,746 | 65,188,333 | 65,188,333 | 10,250,304 | Jan-14 | 6.5% | 1.2 |
| Total Direct Private Real Estate | 82,033,746 | 65,188,333 | 65,188,333 | 10,250,304 | Jan-14 | 6.5% | 1.2 |
| | Month-End Market Value | Commitment Value | Drawn Down Capital | Cash Distributions | Inception Date | IRR Since Inception | Multiple ³ |
| Hamilton Lane Secondary Fund II | 471,844 | 25,000,000 | 22,058,532 | 31,103,855 | Jul-09 | 13.6% | 1.4 |
| Hamilton Lane Secondary Fund III | 4,246,468 | 30,000,000 | 23,372,292 | 27,070,060 | Nov-12 | 10.2% | 1.3 |
| Hamilton Lane Secondary Fund IV | 23,420,308 | 30,000,000 | 25,907,343 | 19,585,431 | Mar-17 | 23.2% | 1.7 |
| Hamilton Lane Secondary Fund V | 46,375,428 | 65,000,000 | 36,826,419 | 4,110,097 | Mar-20 | 44.4% | 1.4 |
| Hamilton Lane Fund VII Composite | 19,784,465 | 50,000,000 | 45,600,834 | 52,221,159 | Jan-10 | 7.0% | 1.6 |
| Hamilton Lane Fund VIII (Global) | 19,633,722 | 30,000,000 | 22,270,594 | 13,656,569 | Nov-12 | 7.9% | 1.5 |
| GCM Grosvenor - Partnership, L.P. | 29,432,998 | 75,000,000 | 86,428,330 | 117,843,228 | Jun-11 | 14.3% | 1.7 |
| GCM Grosvenor - Partnership II, L.P. (2014) | 47,578,705 | 60,000,000 | 69,943,751 | 62,292,578 | Jul-14 | 17.7% | 1.6 |
| GCM Grosvenor - Partnership II, L.P. (2015) | 47,056,250 | 30,000,000 | 38,278,456 | 10,684,122 | Dec-15 | 16.5% | 1.5 |
| GCM Grosvenor - Partnership II, L.P. (2017) | 21,961,288 | 30,000,000 | 21,761,710 | 5,647,301 | Jan-18 | 17.6% | 1.3 |
| GCM Grosvenor - Advance Fund, L.P. | 2,093,099 | 10,000,000 | 2,203,034 | 53,279 | Jun-21 | - | 1.0 |
| Fairview Capital - Lone Star Fund I | 52,418,006 | 40,000,000 | 35,613,040 | 12,810,873 | Aug-15 | 18.8% | 1.8 |
| Fairview Capital - Lone Star Fund II | 19,593,067 | 30,000,000 | 14,867,991 | 107,274 | Dec-18 | 12.7% | 1.3 |
| Fairview Capital - Lone Star Fund III | 4,271,781 | 25,000,000 | 4,384,698 | - | Apr-21 | -7.2% | 1.0 |
| Total Private Equity Composite | 338,337,429 | 530,000,000 | 449,517,024 | 357,185,828 | Jul-09 | | 1.5 |

^{*} Next Generation Manager

¹ Total Value to Paid-in Capital ("TVPI") multiple calculation = (market value + distributions) / capital called

² The Public Market Equivalent (PME) approach creates a hypothetical investment vehicle that mimics the private equity composite cash flows. The performance difference between the PME vehicle and the private equity portfolio is determined by their net asset value (NAV) at the end of the benchmarking period. The performance of the "public market" is simulated using the monthly S&P 500 index returns, plus a 300 BPs annual hurdle rate.

8

Asset Allocation & Performance

International Equity
Periods Ended February 28, 2022

| | | | Perf | orman | ce (%) ı | net of f | ees | | Allocati | ion |
|--------------------------------|------------|--------------|--------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Acadian International | 1.00 | 0.86 | -5.45 | 7.11 | 11.81 | 9.58 | 8.61 | 4/1/1989 | 134,114,582 | 28.25 |
| Custom Benchmark | -1.29 | -3.54 | -7.46 | 1.03 | 9.90 | 8.11 | 6.16 | | | |
| | | | | | | | | | | |
| Ativo International * | -2.87 | -2.69 | -8.30 | 5.61 | 7.03 | | 3.65 | 1/1/2018 | 41,192,828 | 8.68 |
| MSCI EAFE Index (Net) | -1.77 | -1.73 | -6.52 | 2.83 | 7.78 | | 4.04 | | | |
| AQR Capital Management | -2.61 | -0.60 | -5.23 | -3.57 | 5.71 | 5.24 | 3.55 | 4/1/2006 | 125,025,740 | 26.34 |
| Custom Benchmark | -1.98 | -1.69 | -5.59 | -0.40 | 7.67 | 7.26 | 3.54 | | | |
| Baillie Gifford | -5.23 | -10.96 | -13.95 | -16.27 | | | 8.66 | 4/1/2019 | 75,967,410 | 16.00 |
| MSCI AC World ex USA (Net) | -1.98 | -1.69 | -5.59 | -0.40 | | | 7.68 | 1, 1, 2013 | 73,307,110 | 10.00 |
| | 0.44 | 4.76 | 2.46 | 6.00 | | | 44.40 | 4/4/2040 | 00 075 746 | 20.72 |
| Earnest Partners | 0.44 | 1.76 | -2.46 | 6.00 | | | 11.43 | 4/1/2019 | 98,375,716 | 20.72 |
| MSCI AC World ex USA (Net) | -1.98 | -1.69 | -5.59 | -0.40 | | | 7.68 | | | |
| | | | | | | | | | | |
| International Equity Composite | -1.45 | -1.74 | -6.53 | -0.57 | 9.75 | 8.09 | 5.78 | 1/1/1990 | 474,676,276 | 100.00 |
| Custom Benchmark | -1.88 | -1.96 | -5.86 | -0.20 | 7.97 | 7.38 | 4.77 | | | |

Global Equity
Periods Ended February 28, 2022

| | | | Perf | ormar | rce (%) | net of f | fees | | Allocati | on |
|-------------------------------|----------------|------------------------|--------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Ariel Global * | -2.46 | 3.29 | -1.70 | 7.60 | 9.28 | | 7.14 | 1/1/2018 | 118,440,489 | 42.77 |
| MSCI AC World Index (Net) | -2.58 | -3.66 | -7.37 | 7.81 | 13.41 | | 9.58 | | | |
| Wellington | -2.97 | -7.33 | -10.00 | 1.31 | 12.44 | 10.68 | 11.72 | 9/1/2012 | 131,384,194 | 47.44 |
| MSCI AC World Index (Net) | -2.57 -2.58 | -7 .33 -3.66 | -7.37 | 7.81 | 13.41 | 11.44 | 10.56 | 9/1/2012 | 151,564,194 | 47.44 |
| INISCI AC WORLD ITIDEX (INEL) | -2.38 | -3.00 | -7.57 | 7.01 | 13.41 | 11.44 | 10.50 | | | |
| Northern Trust Global Equity | -2.60 | -3.66 | -7.30 | 7.26 | 13.65 | 11.65 | 12.20 | 10/1/2015 | 27,106,244 | 9.79 |
| MSCI AC World IMI (Net) | -2.29 | -3.68 | -7.36 | 6.87 | 13.12 | 11.18 | 11.74 | | | |
| | | | | | | | | | | |
| Global Equity Composite | -2.72 | -2.69 | -6.35 | 4.49 | 11.28 | 10.27 | 9.56 | 9/1/2012 | 276,930,927 | 100.00 |
| MSCI AC World Index (Net) | -2.58 | -3.66 | -7.37 | 7.81 | 13.41 | 11.44 | 10.56 | | | |

Global Low Volatility
Periods Ended February 28, 2022

| | | | Perf | orma | nce (%) | net of | fees | | Allocati | on |
|--|------------|--------------|-------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Acadian Global Low Vol. | -0.63 | 1.44 | -4.82 | 13.70 | 7.34 | 7.44 | 7.72 | 7/1/2015 | 243,880,264 | 50.49 |
| MSCI AC World Index (Net) | -2.58 | -3.66 | -7.37 | 7.81 | 13.41 | 11.44 | 9.77 | | | |
| MSCI ACWI Minimum Volatility Index (Net) | -1.56 | -1.06 | -6.40 | 9.70 | 7.14 | 7.91 | 7.92 | | | |
| BlackRock Global Low Vol. | -1.65 | -1.11 | -6.43 | 9.90 | 7.08 | 8.07 | 8.18 | 7/1/2015 | 239,142,390 | 49.51 |
| MSCI ACWI Minimum Volatility Index (Net) | -1.56 | -1.06 | -6.40 | 9.70 | 7.14 | 7.91 | 7.92 | | | |
| Global Low Volatility Composite | -1.14 | 0.16 | -5.63 | | 7.21 | 7.76 | 7.96 | 7/1/2015 | 483,022,654 | 100.00 |
| MSCI ACWI Minimum Volatility Index (Net) | -1.56 | -1.06 | -6.40 | 9.70 | 7.14 | 7.91 | 7.92 | | | |

Global Listed Infrastructure *Periods Ended February 28, 2022*

| | | | Per | forma | nce (%) | net of | fees | | Allocation | |
|---|------------|--------------|-------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Atlantic Trust CIBC | 5.05 | 16.39 | 14.79 | 44.21 | 6.01 | 1.86 | 5.91 | 1/1/2012 | 90,615,893 | 36.06 |
| Alerian MLP Index | 4.82 | 20.57 | 16.42 | 43.06 | 3.16 | -0.73 | 1.25 | | | |
| Harvest Fund Advisors MLP | 7.10 | 19.35 | 17.64 | 48.92 | 8.63 | 3.59 | 6.01 | 1/1/2012 | 92,852,449 | 36.95 |
| Alerian MLP Index | 4.82 | 20.57 | 16.42 | 43.06 | 3.16 | -0.73 | 1.25 | | | |
| C&S Global Listed Infrastructure | -0.16 | 2.64 | -3.98 | 15.19 | | | 15.46 | 11/1/2020 | 67,844,300 | 27.00 |
| FTSE Global Core Infrastructure 50/50 (Net) | -0.43 | 3.57 | -3.45 | 14.09 | | | 15.47 | | | |
| Global Listed Infrastructure Composite | 4.32 | 13.33 | 9.97 | 36.52 | 1.45 | -0.65 | 4.36 | 1/1/2012 | 251,312,642 | 100.00 |
| Global Listed Infrastructure Benchmark | 3.51 | 16.31 | 11.32 | 35.78 | -1.11 | -3.22 | -0.01 | | | |

12

Asset Allocation & Performance

Global Fixed Income *Periods Ended February 28, 2022*

| | | | Perf | ormai | nce (%) | net of | fees | | Allocati | on |
|------------------------------------|------------|--------------|-------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Securian Asset Management | -1.27 | -3.49 | -3.20 | -1.86 | 3.59 | 3.12 | 4.26 | 7/1/2007 | 216,149,613 | 43.64 |
| Blmbg. U.S. Aggregate | -1.12 | -3.49 | -3.25 | -2.64 | 3.30 | 2.71 | 3.88 | | | |
| | | | | | | | | | | |
| Garcia Hamilton * | -0.88 | -2.66 | -2.42 | -2.52 | 2.85 | 2.55 | 2.97 | 11/1/2013 | 64,922,112 | 13.11 |
| Blmbg. U.S. Aggregate | -1.12 | -3.49 | -3.25 | -2.64 | 3.30 | 2.71 | 2.71 | | | |
| | | | | | | | | | | |
| NT Collective Aggregate Bond Index | -1.13 | -3.53 | -3.26 | | | | -3.21 | 7/1/2021 | 214,211,791 | 43.25 |
| Blmbg. U.S. Aggregate | -1.12 | -3.49 | -3.25 | | | | -3.18 | | | |
| | | | | | | | | | | |
| Global Fixed Income Composite | -1.16 | -3.40 | -3.12 | -2.21 | 3.85 | 3.15 | 4.80 | 10/1/1995 | 495,283,516 | 100.00 |
| Blmbg. U.S. Aggregate | -1.12 | -3.49 | -3.25 | -2.64 | 3.30 | 2.71 | 4.85 | | | |

Opportunistic Credit
Periods Ended February 28, 2022

| | | Performance (%) net of fees | | | | | | | | | | | |
|------------------|------------|--|-------|-----------|------------|------------|--------------------|-------------------|-----------------------|---|--|--|--|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % | | | |
| Neuberger Berman | -1.89 | -2.42 | -3.66 | -0.83 | 3.51 | 4.00 | 5.47 | 2/1/2016 | 177,757,580 | | | | |
| Custom Benchmark | -2.65 | -2.65 -3.10 -4.35 -1.21 3.35 3.59 5.53 | | | | | | | | | | | |

High Yield Periods Ended February 28, 2022

| | | | Perf | forma | nce (%) | net of | fees | | Allocation | |
|---|-----------------------|-----------------------|-----------------------|------------------|---------------------|---------------------|---------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Oaktree Capital Management | -0.71 | -1.06 | -3.00 | 1.34 | 5.08 | 4.20 | 6.49 | 2/1/1997 | 184,935,074 | 50.45 |
| FTSE High Yield Cash Pay | -0.97 | -1.67 | -3.60 | 0.95 | 4.98 | 4.64 | 6.62 | | | |
| BlackRock FTSE High Yield Cash Pay | -0.82 -0.97 | -1.39 -1.67 | -3.31 -3.60 | 1.02 0.95 | 5.33 4.98 | 4.78 4.64 | 6.12 6.54 | 10/1/2006 | 181,609,313 | 49.55 |
| High Yield Composite FTSE High Yield Cash Pay | -0.76 -0.97 | -1.22 -1.67 | -3.16 -3.60 | 1.18 0.95 | 5.21 4.98 | 4.49 4.64 | 6.30 6.62 | 1/1/1997 | 366,544,387 | 100.00 |

Cash
Periods Ended February 28, 2022

| | | | | Allocat | ion | | | | | |
|------------------------------|------------|--------------|------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | YTD | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Cash Account | 0.01 | 0.02 | 0.01 | 0.04 | 0.87 | 1.13 | 3.10 | 1/1/1988 | 28,092,416 | 100.00 |
| Managed Short Term Composite | 0.01 | 0.02 | 0.01 | 0.04 | 0.87 | 1.13 | 2.76 | 1/1/1990 | 28,092,416 | 100.00 |

Wilshire

Dallas Employees' Retirement Fund

Monthly Investment Summary

Mar-2022

Market Commentary

Month Ended March 31, 2022

U.S. Economy and Markets

- Domestic equity markets were positive in March, as the FT Wilshire 5000 Index[™] and the S&P 500 Index returned 3.35% and 3.71%, respectively.
- The CBOE Volatility Index (VIX) ended March at 20.56—a decrease from its February close of 30.15, but up since year-end 2021.
- Performance across GICS sectors was positive for the month—save for financials which were down slightly. Energy, Materials, Real Estate, and Utilities had the strongest returns.
- Small cap stocks underperformed their large cap counterparts in March, with the Wilshire U.S. Small Cap Index[™] and the Wilshire U.S. Large Cap Index[™] returning 1.32% and 3.53%, respectively.
- For the month of March, value-oriented equities underperformed their growth-oriented counterparts in the large capitalization segment, and outperformed in the small capitalization segment of the market.

International Economy and Markets

- Developed international equity markets, as measured by the MSCI EAFE Index, returned 0.64% this month.
- The MSCI Emerging Markets Index was down -2.26% in March.

Fixed Income & Real Assets

- The 10-year U.S. Treasury yield ended the month at 2.34%, up significantly from a 2021 year-end yield of 1.51%.
- The Bloomberg U.S. Aggregate Index dropped -2.78% in March.
- Long duration fixed income was the hardest-hit segment within U.S. fixed income, with the Bloomberg Long-Term Treasury Index dropping -5.34%. Credit indices, such as the Bloomberg U.S. Credit Index and Bloomberg U.S. Corporate High Yield Index, were down -2.51% and -1.15%, respectively.
- Listed U.S. real estate provided strong returns in March, with the Wilshire U.S. Real Estate Securities IndexsM returning 6.84%. Listed global infrastructure was up as well, with the FTSE Global Core 50/50 Index gaining 7.51%.
- Commodities, as measured by the Bloomberg Commodity Index, gained 8.65% in March.

Monthly Index Performance Periods Ended March 31, 2022

| | | | Performance (%) | | |
|---|-------|--------|-----------------|-------|-------|
| | 1 | | 1 | 3 | 5 |
| | Month | QTD | Year | Years | Years |
| U.S. Equity | | | | | |
| FT Wilshire 5000 Total Market TR Index | 3.35 | -4.95 | 13.09 | 18.66 | 15.65 |
| 5&P 500 | 3.71 | -4.60 | 15.65 | 18.92 | 15.99 |
| FT Wilshire 4500 Completion Index | 1.26 | -7.49 | -1.25 | 16.02 | 13.18 |
| MSCI USA Minimum Volatility Index | 5.49 | -3.76 | 13.82 | 11.82 | 12.45 |
| J.S. Equity by Size/Style | | | | | |
| T Wilshire U.S. Large-Cap Index | 3.53 | -4.83 | 14.65 | 19.25 | 16.40 |
| T Wilshire U.S. Large-Cap Growth Index | 4.17 | -7.96 | 16.32 | 23.51 | 19.39 |
| FT Wilshire U.S. Large-Cap Value Index | 2.78 | -0.69 | 12.63 | 14.68 | 12.45 |
| FT Wilshire U.S. Small-Cap Index | 1.32 | -6.11 | -1.44 | 12.81 | 10.39 |
| T Wilshire U.S. Small-Cap Growth Index | 0.05 | -10.35 | -9.42 | 12.52 | 11.09 |
| T Wilshire U.S. Small-Cap Value Index | 2.51 | -1.84 | 7.32 | 13.08 | 9.19 |
| T Wilshire U.S. Micro-Cap Index | 1.23 | -9.07 | -18.15 | 7.49 | 6.64 |
| Non-U.S. Equity (USD) | | | | | |
| MSCI AC World ex USA (Net) | 0.16 | -5.44 | -1.48 | 7.51 | 6.76 |
| MSCI ACWI ex USA Minimum Volatility Index (Net) | 0.90 | -2.05 | 6.69 | 5.28 | 6.40 |
| MSCI EAFE Index (Net) | 0.64 | -5.91 | 1.16 | 7.78 | 6.72 |
| MSCI Emerging Markets (Net) | -2.26 | -6.97 | -11.37 | 4.94 | 5.98 |
| MSCI AC World ex USA Small Cap (Net) | 1.02 | -6.52 | 0.03 | 10.22 | 7.89 |
| J.S. Fixed Income | | | | | |
| Blmbg. U.S. Aggregate | -2.78 | -5.93 | -4.15 | 1.69 | 2.14 |
| Blmbg. U.S. Treasury: Long | -5.34 | -10.58 | -1.42 | 3.26 | 3.90 |
| Blmbg. U.S. Long Corporate Index | -2.78 | -11.41 | -4.27 | 4.62 | 4.87 |
| Blmbg. U.S. TIPS | -1.86 | -3.02 | 4.29 | 6.22 | 4.43 |
| Blmbg. U.S. Credit Index | -2.51 | -7.42 | -4.16 | 2.81 | 3.18 |
| Blmbg. U.S. Corp: High Yield | -1.15 | -4.84 | -0.66 | 4.58 | 4.69 |
| S&P LSTA Leverage Loan Index | | | | | |

Dallas Total Fund Periods Ended March 31, 2022

| | F | Perform | nance (| %) net | of fees | | Allocation | on |
|------------|--|---|---|---|--|--|---|--|
| 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| 1.89 | -4.58 | 5.24 | 11.44 | 10.31 | 9.69 | 9/1/2012 | 282,161,161 | 7.22 |
| 2.97 | -2.82 | 9.59 | 7.86 | 8.22 | 8.32 | 7/1/2015 | 497,363,281 | 12.72 |
| 1.64 | -5.04 | 10.30 | 17.67 | 14.24 | 10.68 | 1/1/1990 | 585,451,834 | 14.98 |
| 1.19 | -5.40 | -1.38 | 9.78 | 7.81 | 5.80 | 1/1/1990 | 480,401,367 | 12.29 |
| -2.65 | -5.69 | -3.83 | 2.31 | 2.60 | 4.68 | 10/1/1995 | 482,160,023 | 12.33 |
| -0.64 | -3.78 | 0.31 | 4.71 | 4.42 | 6.25 | 1/1/1997 | 364,209,647 | 9.32 |
| -0.25 | -4.10 | -1.22 | 3.07 | 3.87 | 5.32 | 2/1/2016 | 176,957,145 | 4.53 |
| 1.83 | -1.04 | 23.15 | 10.41 | 9.05 | 6.99 | 1/1/1990 | 420,432,325 | 10.76 |
| 6.08 | 16.66 | 36.16 | 2.05 | 0.51 | 4.93 | 1/1/2012 | 212,495,708 | 5.44 |
| -0.04 | 4.38 | 36.72 | 18.75 | 16.83 | 14.57 | 6/1/2009 | 338,644,678 | 8.66 |
| 0.03 | 0.04 | 0.06 | 0.81 | 1.13 | 2.75 | 1/1/1990 | 68,629,010 | 1.76 |
| 1.07 | -2.21 | 9.09 | 8.89 | 7.85 | 9.04 | 1/1/1985 | 3,908,906,180 | 100.00 |
| | 1.89 2.97 1.64 1.19 -2.65 -0.64 -0.25 1.83 6.08 -0.04 0.03 | 1 1 Quarter 1.89 -4.58 2.97 -2.82 1.64 -5.04 1.19 -5.40 -2.65 -5.69 -0.64 -3.78 -0.25 -4.10 1.83 -1.04 6.08 16.66 -0.04 4.38 0.03 0.04 1.07 -2.21 | 1 1 1 Month Quarter Year 1.89 -4.58 5.24 2.97 -2.82 9.59 1.64 -5.04 10.30 1.19 -5.40 -1.38 -2.65 -5.69 -3.83 -0.64 -3.78 0.31 -0.25 -4.10 -1.22 1.83 -1.04 23.15 6.08 16.66 36.16 -0.04 4.38 36.72 0.03 0.04 0.06 1.07 -2.21 9.09 | 1 Month 1 Quarter 1 Year 3 Years 1.89 -4.58 5.24 11.44 2.97 -2.82 9.59 7.86 1.64 -5.04 10.30 17.67 1.19 -5.40 -1.38 9.78 -2.65 -5.69 -3.83 2.31 -0.64 -3.78 0.31 4.71 -0.25 -4.10 -1.22 3.07 1.83 -1.04 23.15 10.41 6.08 16.66 36.16 2.05 -0.04 4.38 36.72 18.75 0.03 0.04 0.06 0.81 1.07 -2.21 9.09 8.89 | 1 Month 1 Quarter 1 Year 3 Years 5 Years 1.89 -4.58 5.24 11.44 10.31 2.97 -2.82 9.59 7.86 8.22 1.64 -5.04 10.30 17.67 14.24 1.19 -5.40 -1.38 9.78 7.81 -2.65 -5.69 -3.83 2.31 2.60 -0.64 -3.78 0.31 4.71 4.42 -0.25 -4.10 -1.22 3.07 3.87 1.83 -1.04 23.15 10.41 9.05 6.08 16.66 36.16 2.05 0.51 -0.04 4.38 36.72 18.75 16.83 0.03 0.04 0.06 0.81 1.13 1.07 -2.21 9.09 8.89 7.85 | Month Quarter Year Years Years Inception 1.89 -4.58 5.24 11.44 10.31 9.69 2.97 -2.82 9.59 7.86 8.22 8.32 1.64 -5.04 10.30 17.67 14.24 10.68 1.19 -5.40 -1.38 9.78 7.81 5.80 -2.65 -5.69 -3.83 2.31 2.60 4.68 -0.64 -3.78 0.31 4.71 4.42 6.25 -0.25 -4.10 -1.22 3.07 3.87 5.32 1.83 -1.04 23.15 10.41 9.05 6.99 6.08 16.66 36.16 2.05 0.51 4.93 -0.04 4.38 36.72 18.75 16.83 14.57 0.03 0.04 0.06 0.81 1.13 2.75 1.07 -2.21 9.09 8.89 7.85 9.04 | 1 Month 1 Quarter 1 Year 3 Years Since Inception Inception Date Inception Date 1.89 -4.58 5.24 11.44 10.31 9.69 9/1/2012 2.97 -2.82 9.59 7.86 8.22 8.32 7/1/2015 1.64 -5.04 10.30 17.67 14.24 10.68 1/1/1990 1.19 -5.40 -1.38 9.78 7.81 5.80 1/1/1990 -2.65 -5.69 -3.83 2.31 2.60 4.68 10/1/1995 -0.64 -3.78 0.31 4.71 4.42 6.25 1/1/1997 -0.25 -4.10 -1.22 3.07 3.87 5.32 2/1/2016 1.83 -1.04 23.15 10.41 9.05 6.99 1/1/1990 6.08 16.66 36.16 2.05 0.51 4.93 1/1/2012 -0.04 4.38 36.72 18.75 16.83 14.57 6/1/2009 0.03 0 | 1 Month 1 Quarter 1 Year 3 Years 5 Vears Inception Inception Date Market Value \$ 1.89 -4.58 5.24 11.44 10.31 9.69 9/1/2012 282,161,161 2.97 -2.82 9.59 7.86 8.22 8.32 7/1/2015 497,363,281 1.64 -5.04 10.30 17.67 14.24 10.68 1/1/1990 585,451,834 1.19 -5.40 -1.38 9.78 7.81 5.80 1/1/1990 480,401,367 -2.65 -5.69 -3.83 2.31 2.60 4.68 10/1/1995 482,160,023 -0.64 -3.78 0.31 4.71 4.42 6.25 1/1/1997 364,209,647 -0.25 -4.10 -1.22 3.07 3.87 5.32 2/1/2016 176,957,145 1.83 -1.04 23.15 10.41 9.05 6.99 1/1/1990 420,432,325 6.08 16.66 36.16 2.05 0.51 4.93 <td< td=""></td<> |

5

Asset Allocation & Performance

Domestic Equity
Periods Ended March 31, 2022

| | | F | Perforn | nance (| %) net | of fees | | Allocat | ion |
|-------------------------------------|------------|--------------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Systematic Financial | -1.80 | -5.10 | 2.40 | 13.00 | 10.15 | 11.04 | 8/1/2003 | 77,249,794 | 13.19 |
| Russell 2000 Index | 1.24 | -7.53 | -5.79 | 11.74 | 9.74 | 9.62 | | | |
| Redwood Investments * | -2.65 | -17.90 | -7.16 | 13.40 | 10.74 | 10.84 | 10/1/2016 | 35,151,148 | 6.00 |
| Russell 2000 Growth Index | 0.46 | -12.63 | -14.33 | 9.88 | 10.33 | 11.09 | | | |
| Channing Capital * | -1.75 | -1.44 | 2.63 | 14.15 | 8.53 | 8.36 | 12/1/2013 | 38,141,606 | 6.51 |
| Russell 2000 Value Index | 1.96 | -2.40 | 3.32 | 12.73 | 8.57 | 8.34 | | | |
| Domestic Equity Small Cap Composite | -1.99 | -7.59 | 0.01 | 13.63 | 10.07 | 10.02 | 6/1/2003 | 150,542,548 | 25.71 |
| Smith Graham * | 0.50 | -2.12 | 10.06 | 17.97 | | 10.99 | 1/1/2018 | 83,218,779 | 14.21 |
| Russell Midcap Index | 2.56 | -5.68 | 6.92 | 14.89 | | 11.81 | | | |
| T. Rowe Price | 3.25 | -4.66 | 15.67 | 19.32 | 16.69 | 10.90 | 4/1/2006 | 171,360,328 | 29.27 |
| S&P 500 | 3.71 | -4.60 | 15.65 | 18.92 | 15.99 | 10.36 | | | |
| Northern Trust S&P 500 (Lending) | 3.79 | -4.52 | 15.73 | 18.90 | 15.98 | 10.89 | 1/1/1995 | 180,330,180 | 30.80 |
| S&P 500 | 3.71 | -4.60 | 15.65 | 18.92 | 15.99 | 10.85 | | | |
| Domestic Equity Composite | 1.64 | -5.04 | 10.30 | 17.67 | 14.24 | 10.68 | 1/1/1990 | 585,451,834 | 100.00 |
| Custom Benchmark | 3.35 | -4.95 | 13.09 | 18.66 | 15.65 | 10.81 | | | |

Real Estate
Periods Ended March 31, 2022

| | | | Perforn | nance (| %) net | of fees | | Allocati | on |
|---|---------------------|---------------------|---------------------|------------------|------------------|------------------------|-------------------|-----------------------|-------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Adelante Capital Management | 6.88 | -3.70 | 30.08 | 13.51 | 11.56 | 10.61 | 10/1/2001 | 60,464,708 | 14.38 |
| Wilshire U.S. Real Estate Securities Index | 6.84 | -3.85 | 29.09 | 11.93 | 10.07 | 10.69 | | | |
| CenterSquare | 6.52 | -3.11 | 27.11 | 12.89 | | 13.89 | 6/1/2018 | 59,286,359 | 14.10 |
| Wilshire U.S. Real Estate Securities Index | 6.84 | -3.85 | 29.09 | 11.93 | | 12.89 | | | |
| REIT Composite | 6.70 | -3.41 | 28.58 | 13.20 | 11.11 | 10.65 | 10/1/2001 | 119,751,067 | 28.48 |
| Wilshire U.S. Real Estate Securities Index | 6.84 | -3.85 | 29.09 | 11.93 | 10.07 | 10.69 | | | |
| Heitman America Real Estate Trust, LP NCREIF ODCE NOF | 0.00 0.00 | 0.00 0.00 | 20.84 18.78 | 6.69 7.80 | 6.57 7.41 | 10.03 10.07 | 12/1/2010 | 98,325,046 | 23.39 |
| Invesco Core Real Estate USA, LLC | 0.00 | 0.00 0.00 | 19.43 18.78 | 7.96 7.80 | 8.03 7.41 | 10.48 10.07 | 12/1/2010 | 80,848,131 | 19.23 |
| NORTH OBEL NOT | | | | 7.80 | 7.41 | | | | |
| Virtus Real Estate Capital III | 0.00 | 0.00 | 7.44 | | | 6.34 | 2/1/2021 | 15,516,661 | 3.69 |
| NCREIF ODCE NOF | 0.00 | 0.00 | 18.78 | | | 17.77 | | | |
| AEW Partners Real Estate Fund IX NCREIF ODCE NOF | 0.00 | 0.00 0.00 | -29.22 18.78 | | | -29.22 18.78 | 4/1/2021 | 24,599,568 | 5.85 |

Real Estate
Periods Ended March 31, 2022

| | | F | Perforn | nance (| %) net | of fees | | Allocation | |
|---|---------------------|-----------------------|-----------------------|--------------------|---------------------|---------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Private Core Real Estate Composite Custom Benchmark | 0.00 0.00 | 0.00 0.00 | 19.25 19.19 | 8.63 9.25 | 7.67 8.03 | 9.65 9.29 | 10/1/2010 | 300,681,258 | 71.52 |
| Total Real Estate Composite Custom Benchmark | 1.83 3.42 | -1.04 -1.81 | 23.15 24.61 | 10.41 11.18 | 9.05 9.51 | 6.99 8.92 | 1/1/1990 | 420,432,325 | 100.00 |

Employees' Retirement Fund of the City of Dallas

Private Equity & Direct Private Real Estate Monthly Performance and Market Value Summary Periods Ended 03/31/22



| | Month-End Market Value | Commitment Value | Drawn Down Capital | Cash Distributions | Inception Date | IRR Since Inception | Multiple ³ |
|---|---------------------------|------------------|--------------------|--------------------|----------------|---------------------|-----------------------|
| Invesco II | 81,391,852 | 65,188,333 | 65,188,333 | 10,892,198 | Jan-14 | 6.5% | 1.4 |
| Total Direct Private Real Estate | 81,391,852 | 65,188,333 | 65,188,333 | 10,892,198 | Jan-14 | 6.5% | 1.4 |
| | Month-End Market Value | Commitment Value | Drawn Down Capital | Cash Distributions | Inception Date | IRR Since Inception | Multiple ³ |
| Hamilton Lane Secondary Fund II | 471,844 | 25,000,000 | 22,058,532 | 31,103,855 | Jul-09 | 13.6% | 1.4 |
| Hamilton Lane Secondary Fund III | 3,913,599 | 30,000,000 | 23,372,292 | 27,402,929 | Nov-12 | 10.2% | 1.3 |
| Hamilton Lane Secondary Fund IV | 21,854,951 | 30,000,000 | 25,907,343 | 21,150,788 | Mar-17 | 22.8% | 1.7 |
| Hamilton Lane Secondary Fund V | 46,375,428 | 65,000,000 | 36,826,419 | 4,110,097 | Mar-20 | 40.2% | 1.4 |
| Hamilton Lane Fund VII Composite | 19,784,465 | 50,000,000 | 45,600,834 | 52,221,159 | Jan-10 | 7.0% | 1.6 |
| Hamilton Lane Fund VIII (Global) | 19,633,722 | 30,000,000 | 22,270,594 | 13,656,569 | Nov-12 | 7.8% | 1.5 |
| GCM Grosvenor - Partnership, L.P. | 29,432,998 | 75,000,000 | 86,428,330 | 117,843,228 | Jun-11 | 14.3% | 1.7 |
| GCM Grosvenor - Partnership II, L.P. (2014) | 47,578,705 | 60,000,000 | 69,943,751 | 62,292,578 | Jul-14 | 17.7% | 1.6 |
| GCM Grosvenor - Partnership II, L.P. (2015) | 47,056,287 | 30,000,000 | 38,278,456 | 10,684,122 | Dec-15 | 16.5% | 1.5 |
| GCM Grosvenor - Partnership II, L.P. (2017) | 23,071,288 | 30,000,000 | 22,871,710 | 5,647,301 | Jan-18 | 17.6% | 1.3 |
| GCM Grosvenor - Advance Fund, L.P. | 2,428,132 | 10,000,000 | 2,538,275 | 53,279 | Jun-21 | - | 1.0 |
| Fairview Capital - Lone Star Fund I | 52,418,006 | 40,000,000 | 35,663,040 | 12,810,873 | Aug-15 | 18.4% | 1.8 |
| Fairview Capital - Lone Star Fund II | 19,561,393 | 30,000,000 | 14,912,991 | 138,948 | Dec-18 | 11.8% | 1.3 |
| Fairview Capital - Lone Star Fund III | 5,063,860 | 25,000,000 | 5,176,777 | - | Apr-21 | -8.0% | 1.0 |
| Total Private Equity Composite | 338,644,678 | 530,000,000 | 451,849,343 | 359,115,728 | Jul-09 | 14.5% | 1.5 |

Public Market Equivalent (PME) ² 476,692,091 18.3%

^{*} Next Generation Manager

¹ Total Value to Paid-in Capital ("TVPI") multiple calculation = (market value + distributions) / capital called

² The Public Market Equivalent (PME) approach creates a hypothetical investment vehicle that mimics the private equity composite cash flows. The performance difference between the PME vehicle and the private equity portfolio is determined by their net asset value (NAV) at the end of the benchmarking period. The performance of the "public market" is simulated using the monthly S&P 500 index returns, plus a 300 BPs annual hurdle rate.

³ Private Equity cash account

International Equity
Periods Ended March 31, 2022

| | | F | Perforn | nance (| %) net | of fees | | Allocati | on |
|--------------------------------|------------|--------------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Acadian International | 3.09 | -2.53 | 6.07 | 12.65 | 9.65 | 8.69 | 4/1/1989 | 138,254,080 | 28.78 |
| Custom Benchmark | 1.02 | -6.52 | 0.03 | 10.22 | 7.89 | 6.18 | | | |
| Ativo International * | 1.08 | -7.32 | 2.68 | 6.89 | | 3.84 | 1/1/2018 | 41,636,279 | 8.67 |
| MSCI EAFE Index (Net) | 0.64 | -5.91 | 1.16 | 7.78 | | 4.12 | | | |
| AQR Capital Management | 0.75 | -4.51 | -5.45 | 5.59 | 4.91 | 3.58 | 4/1/2006 | 125,963,300 | 26.22 |
| Custom Benchmark | 0.16 | -5.44 | -1.48 | 7.51 | 6.76 | 3.53 | | | |
| Baillie Gifford | -1.15 | -14.94 | -16.64 | 7.99 | | 7.99 | 4/1/2019 | 75,090,086 | 15.63 |
| MSCI AC World ex USA (Net) | 0.16 | -5.44 | -1.48 | 7.51 | | 7.51 | | | |
| Earnest Partners | 1.01 | -1.39 | 7.04 | 11.50 | | 11.50 | 4/1/2019 | 99,457,622 | 20.70 |
| MSCI AC World ex USA (Net) | 0.16 | -5.44 | -1.48 | 7.51 | | 7.51 | | | |
| | | | | | | | | | |
| International Equity Composite | 1.19 | -5.40 | -1.38 | 9.78 | 7.81 | 5.80 | 1/1/1990 | 480,401,367 | 100.00 |
| Custom Benchmark | 0.28 | -5.60 | -1.27 | 7.87 | 6.92 | 4.77 | | | |

Global Equity
Periods Ended March 31, 2022

| | | P | erforr | nance (| (%) net | of fees | | Allocati | on |
|------------------------------|------------|--------------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Ariel Global * | 2.30 | 0.56 | 9.05 | 9.65 | | 7.57 | 1/1/2018 | 121,166,494 | 42.94 |
| MSCI AC World Index (Net) | 2.17 | -5.36 | 7.28 | 13.75 | | 9.93 | | | |
| | | | | | | | | | |
| Wellington | 1.54 | -8.61 | 1.79 | 12.40 | 10.56 | 11.79 | 9/1/2012 | 133,405,419 | 47.28 |
| MSCI AC World Index (Net) | 2.17 | -5.36 | 7.28 | 13.75 | 11.64 | 10.71 | | | |
| | | | | | | | | | |
| Northern Trust Global Equity | 1.78 | -5.65 | 6.33 | 13.90 | 11.77 | 12.34 | 10/1/2015 | 27,589,248 | 9.78 |
| MSCI AC World IMI (Net) | 2.04 | -5.47 | 6.30 | 13.49 | 11.37 | 11.93 | | | |
| | | | | | | | | | |
| Global Equity Composite | 1.89 | -4.58 | 5.24 | 11.44 | 10.31 | 9.69 | 9/1/2012 | 282,161,161 | 100.00 |
| MSCI AC World Index (Net) | 2.17 | -5.36 | 7.28 | 13.75 | 11.64 | 10.71 | | | |

Global Low Volatility
Periods Ended March 31, 2022

| | | P | erforr | mance | (%) net | of fees | | Allocati | ion |
|--|------------|--------------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Acadian Global Low Vol. | 2.21 | -2.72 | 10.28 | 8.08 | 7.72 | 7.97 | 7/1/2015 | 249,271,845 | 50.12 |
| MSCI AC World Index (Net) | 2.17 | -5.36 | 7.28 | 13.75 | 11.64 | 9.99 | | | |
| MSCI ACWI Minimum Volatility Index (Net) | 3.61 | -3.02 | 8.63 | 7.70 | 8.55 | 8.39 | | | |
| BlackRock Global Low Vol. | 3.74 | -2.93 | 8.90 | 7.65 | 8.72 | 8.66 | 7/1/2015 | 248,091,436 | 49.88 |
| MSCI ACWI Minimum Volatility Index (Net) | 3.61 | -3.02 | 8.63 | 7.70 | 8.55 | 8.39 | | | |
| Global Low Volatility Composite | 2.97 | -2.82 | 9.59 | 7.86 | 8.22 | 8.32 | 7/1/2015 | 497,363,281 | 100.00 |
| MSCI ACWI Minimum Volatility Index (Net) | 3.61 | -3.02 | 8.63 | 7.70 | 8.55 | 8.39 | | | |

Global Listed Infrastructure *Periods Ended March 31, 2022*

| | | P | erforr | mance | (%) net | of fees | | Allocati | ion |
|---|------------------|-----------------------|--------------------|----------------------|----------------------|-----------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Atlantic Trust CIBC | 5.77 | 21.41 | 43.81 | 6.43 | 2.95 | 6.44 | 1/1/2012 | 69,793,539 | 32.84 |
| Alerian MLP Index | 2.05 | 18.81 | 36.56 | 2.70 | -0.07 | 1.44 | | | |
| Harvest Fund Advisors MLP Alerian MLP Index | 5.33 2.05 | 23.91 18.81 | 46.96 36.56 | 9.09 2.70 | 4.71 -0.07 | 6.50 1.44 | 1/1/2012 | 69,753,944 | 32.83 |
| C&S Global Listed Infrastructure FTSE Global Core Infrastructure 50/50 (Net) | 7.52 7.43 | 3.24 3.72 | 16.54 14.47 | | | 20.50 20.44 | 11/1/2020 | 72,948,224 | 34.33 |
| Global Listed Infrastructure Composite Global Listed Infrastructure Benchmark | 6.08 3.39 | 16.66 15.09 | 36.16 31.26 | 2.05 -1.12 | 0.51 -2.31 | 4.93 0.32 | 1/1/2012 | 212,495,708 | 100.00 |

Global Fixed Income Periods Ended March 31, 2022

| | | P | erforr | nance (| (%) net | of fees | | Allocati | on |
|---|-----------------------|-----------------------|-----------------------|---------------------|------------------|---------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Securian Asset Management | -2.69 | -5.80 | -3.67 | 1.99 | 2.55 | 4.04 | 7/1/2007 | 210,342,669 | 43.63 |
| Blmbg. U.S. Aggregate | -2.78 | -5.93 | -4.15 | 1.69 | 2.14 | 3.66 | | | |
| Garcia Hamilton * Blmbg. U.S. Aggregate | -2.11 -2.78 | -4.48 -5.93 | -3.55 -4.15 | 1.67 1.69 | 2.14 2.14 | 2.68 2.34 | 11/1/2013 | 63,553,894 | 13.18 |
| NT Collective Aggregate Bond Index | -2.78 | -5.95 | | | | -5.90 | 7/1/2021 | 208,263,459 | 43.19 |
| Blmbg. U.S. Aggregate | -2.78 | -5.93 | | | | -5.87 | | | |
| | 2.55 | F 60 | 2.00 | | 2 60 | 4.60 | 40/4/4005 | 400 460 000 | 400.00 |
| Global Fixed Income Composite | -2.65 | -5.69 | -3.83 | 2.31 | 2.60 | 4.68 | 10/1/1995 | 482,160,023 | 100.00 |
| Blmbg. U.S. Aggregate | -2.78 | -5.93 | -4.15 | 1.69 | 2.14 | 4.72 | | | |

Opportunistic Credit
Periods Ended March 31, 2022

| | | P | | Allocation | | | | | |
|------------------|------------|--------------|-----------|------------|------------|--------------------|-------------------|-----------------------|---|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Neuberger Berman | -0.25 | -4.10 | -1.22 | 3.07 | 3.87 | 5.32 | 2/1/2016 | 176,957,145 | |
| Custom Benchmark | -0.59 | -4.91 | -1.53 | 2.89 | 3.45 | 5.35 | | | |

High Yield
Periods Ended March 31, 2022

| | | P | erforr | mance (| (%) net | of fees | | Allocation | |
|--|-----------------------|-----------------------|----------------------|---------------------|---------------------|---------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Oaktree Capital Management | -0.66 | -3.64 | 0.49 | 4.57 | 4.14 | 6.44 | 2/1/1997 | 183,720,685 | 50.44 |
| FTSE High Yield Cash Pay | -0.80 | -4.37 | -0.15 | 4.37 | 4.53 | 6.56 | | | |
| BlackRock FTSE High Yield Cash Pay | -0.62 -0.80 | -3.91 -4.37 | 0.12 -0.15 | 4.84 4.37 | 4.68 4.53 | 6.05 6.45 | 10/1/2006 | 180,488,962 | 49.56 |
| High Yield Composite FTSE High Yield Cash Pay | -0.64 -0.80 | -3.78 -4.37 | 0.31 -0.15 | 4.71 4.37 | 4.42 4.53 | 6.25 6.57 | 1/1/1997 | 364,209,647 | 100.00 |

Cash
Periods Ended March 31, 2022

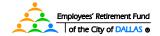
| | | P | | Allocat | tion | | | | |
|------------------------------|------------|--------------|-----------|------------|------------|--------------------|-------------------|-----------------------|--------|
| | 1 Month | 1 Quarter | 1 Year | 3 Years | 5 Years | Since Inception | Inception Date | Market Value \$ | % |
| Cash Account | 0.03 | 0.04 | 0.06 | 0.81 | 1.13 | 3.09 | 1/1/1988 | 68,629,010 | 100.00 |
| Managed Short Term Composite | 0.03 | 0.04 | 0.06 | 0.81 | 1.13 | 2.75 | 1/1/1990 | 68,629,010 | 100.00 |

At A Glance

For period ended February 28,2022

| | | 2021 | | | 2022 | | | |
|------------------------------|----|------------------|----|--------------------|------|------------------|----|--------------------|
| Retirements | | This Month | | YTD | | This Month | | YTD |
| Age | | 29 | | 42 | | 22 | | 39 |
| Service | | 8 | | 9 | | 3 | | 3 |
| Rule of 78 | | 13 | | 19 | | 11 | | 18 |
| QDRO | | <u>0</u> | | <u>0</u> | | <u>0</u> | | <u>0</u> |
| Total | | 50 | | 70 | | 36 | | 60 |
| Disability Retirements | | | | | | | | |
| Service | | 0 | | 0 | | 0 | | 0 |
| Non-service | | <u>0</u> | | <u>3</u> 3 | | <u>0</u> | | <u>0</u> |
| Total | | 0 | | 3 | | 0 | | 0 |
| Benefits Paid | \$ | 24,301,775.74 | \$ | 48,718,077.28 | \$ | 26,053,150.56 | \$ | 52,046,672.91 |
| Refunds Number of refunds | \$ | 653,445.60 27 | \$ | 1,360,090.36 75 | \$ | 869,771.10 45 | \$ | 1,730,070.18 99 |
| *Contributions | \$ | 9,200,144.43 | \$ | 18,300,054.16 | \$ | 9,652,220.14 | \$ | 19,171,114.86 |

| | Retirees & | | | | i ier E |
|-------|---------------|--------------|---------|----------------|---------|
| | beneficiaries | Disabilities | Actives | Tier A actives | Active |
| Jan | 7,658 | 139 | 7,313 | 4,279 | 3,034 |
| Feb | 7,671 | 138 | 7,328 | 4,232 | 3,096 |
| Mar | | | | | |
| April | | | | | |
| May | | | | | |
| June | | | | | |
| July | | | | | |
| Aug | | | | | |
| Sep | | | | | |
| Oct | | | | | |
| Nov | | | | | |
| Dec | | | | | |
| | | | | | |
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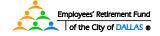


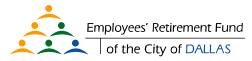
At A Glance

For period ended March 31,2022

| | | 2021 | | 20 | 22 | |
|------------------------------|----------------|------------------|---------------------|--------------------------|----|---------------------|
| Retirements | This Mo | nth | YTD | This Month | | YTD |
| Age | 17 | | 59 | 14 | | 53 |
| Service | 1 | | 10 | 2 | | 5 |
| Rule of 78 | 9 | | 28 | 10 | | 28 |
| QDRO | <u>0</u> | | <u>o</u> | <u>1</u> | | <u>1</u> |
| Total | 27 | | 97 | 27 | | 87 |
| Disability Retirements | | | | | | |
| Service | 0 | | 0 | 0 | | 0 |
| Non-service | <u>0</u> | | <u>3</u> 3 | <u>0</u> | | <u>0</u> |
| Total | 0 | | 3 | 0 | | 0 |
| Benefits Paid | \$ 24,642,5 | 551.34 \$ | 73,360,628.62 | \$ 26,860,254.06 | \$ | 78,906,926.97 |
| Refunds Number of refunds | \$ 525,1 36 | 67.32 \$ | 1,885,257.68 111 | \$ 1,125,798.15 49 | \$ | 2,855,868.33 148 |
| *Contributions | \$ 9,132,6 | 379.73 \$ | 27,432,733.89 | \$ 9,563,356.21 | \$ | 28,734,471.07 |

| | Retirees & | | | | Tier B |
|-------|---------------|--------------|---------|----------------|---------|
| | beneficiaries | Disabilities | Actives | Tier A actives | Actives |
| Jan | 7,658 | 139 | 7,313 | 4,279 | 3,034 |
| Feb | 7,671 | 138 | 7,328 | 4,232 | 3,096 |
| Mar | 7,680 | 138 | 7,361 | 4,192 | 3,169 |
| April | | | | | |
| May | | | | | |
| June | | | | | |
| July | | | | | |
| Aug | | | | | |
| Sep | | | | | |
| Oct | | | | | |
| Nov | | | | | |
| Dec | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |





"Provide retirement and superior service to advance the financial security of our members"

March 17, 2022

M. Elizabeth Reich Chief Financial Officer, City of Dallas 1500 Marilla St., Room 4CN Dallas, TX 75201

Dear Elizabeth:

On October 28, 2021, the Employees' Retirement Fund (ERF) was notified by Janette Weedon of a change in the debt service schedule for the Pension Obligation Bonds due to a refunding in 2020. The refunding resulted in a lower actual debt service paid in September 2021 than the amount reflected in the actuarial valuation. The refunding would have resulted in a lower Pension Obligation Bond Credit Rate, and the contribution rate paid to the ERF in fiscal year 2020-21 would have been higher had the actual debt service been used in the actuarial valuation. The actual total contributions to the ERF are \$1,719,553.25 lower than the amount which should have been remitted based on the revised debt service schedule provided by the City Controller's Office.

Additionally, the revised debt service schedule was not provided prior to the December 31, 2020 actuarial valuation report, resulting in a higher Pension Obligation Bond Credit Rate and, conversely, a lower contribution rate to the ERF in fiscal year 2021-22. Had the revised debt service schedule been provided for the actuarial valuation report, the amounts remitted to the ERF would have been \$74,961.62 higher per pay period based on debt service savings due to savings from the refunding of \$1,949,002.00 for September 2022.

Below is a summary of the amount under-paid to the ERF which was provided to the Controller's Office for review:

Revised contribution to the ERF as a result of a lower required debt service payment in September 2021 \$1,719,553.25
 Revised contributions to the ERF for 5.3 pay periods through December 22, 2021 as a result of a lower required debt service payment in September 2022 Total \$2,116,849.81

Please wire \$2,116,849.81 to the Employees' Retirement Fund to settle the unremitted contributions through December 20, 2021. The balance of the savings in 2022 resulting from the refunding (\$1,551,705.44) will be invoiced on September 30, 2022. Please let me know if you have any questions.

Best regards,

Cheryl D. Alston Executive Director

cc: David Etheridge, Deputy Director Employees' Retirement Fund Edward Scott, Chief Financial Officer, Employees' Retirement Fund Sherri Kowalski, City Controller Mark Swann, City Auditor

RESOLUTION NO. 2022-1

INVESTMENT OF FUND'S ASSETS

BOARD OF TRUSTEES EMPLOYEES' RETIREMENT FUND

OF THE CITY OF DALLAS

April 12, 2022

WHEREAS, on February 24, 2022, the Russian Federation (Russia) launched an attack on Ukraine, invading a sovereign nation and forcing thousands to flee their homes to seek refuge in neighboring countries;

WHEREAS, the United States and nations around the world have united to condemn the invasion and have levied sanctions against Russia and its financial institutions;

WHEREAS, pursuant to Dallas City Code Chapter 40A (Chapter 40A) Section 40A-4, the Board has the power and duty to administer the Employees' Retirement Fund of the City of Dallas (Fund) in accordance with Chapter 40A and adopt rules and regulations not inconsistent with Chapter 40A and the Constitution and laws of the State of Texas; and

WHEREAS, as fiduciaries of the Fund, the Board must be mindful of the impact that the events unfolding in Ukraine and the resulting sanctions on Russia may have on the assets of the Fund;

NOW, THEREFORE, BE IT RESOLVED THAT, the Board hereby directs the Executive Director of the Fund and her staff to review, with the assistance and support of the Fund's investment advisor, to what extent the Fund's assets are invested, either directly or indirectly, in vehicles that include companies with business operations that involve contracts with or providing supplies or services to the government of Russia, companies in which the government of Russia has any direct or indirect equity share, consortiums or projects commissioned by the government of Russia, or companies involved in consortiums or projects commissioned by the government of Russia; and

FURTHER RESOLVED, that the Board hereby authorizes the Executive Director and her staff to divest the Fund of investments that are identified as being connected with the government of Russia, except to the extent such divestment would be inconsistent with the Fund's fiduciary responsibility with respect to the investment of Fund assets or other duties imposed by law relating to the investment of Fund assets, including the duty of care established under Section 67, Article XVI, Texas Constitution; and

FURTHER RESOLVED, that, until such time that the Board states otherwise, this Resolution shall remain in full force and effect and shall be deemed incorporated into the Fund's Investment Policy Statement.

[Signature Page Follows]

EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS Henry Talavera Board Chair Date Attest: Approved in Form: Cheryl D. Alston Stefan Smith, Esq. Executive Director Locke Lord, LLP