



# **Board of Trustees**

**Meeting of July 30, 2021**



**Please join us using either option.**

**Teleconference dial in number: [+1 405-594-0415](tel:+14055940415) Conference ID: 803 328 201#**

**Videoconference link: [Click here to join the meeting](#)**

## **OKLAHOMA MUNICIPAL RETIREMENT FUND BOARD MEETING AGENDA**

Meeting at 10:00 a.m.  
1001 NW 63<sup>rd</sup> Street, Suite 260; Oklahoma City, OK

July 30, 2021

**Official action can only be taken on items which appear on the agenda. The Trustees may adopt, approve, ratify, deny, defer, recommend, amend, strike or continue any agenda item. When more information is needed to act on an item, the Trustees may refer the matter to the Executive Director or Trust attorney. The Trustees may also refer items to standing Committees of the Trust for additional study. Under certain circumstances, items can be deferred to a specific later date or stricken from the agenda entirely.**

1. Call to Order
2. Approval of Consent Agenda
  - A. Minutes of June 25, 2021, meeting(s) and Retreat minutes of June 24, 2021
  - B. Monthly Valuation of Fund Assets & Unit Values by Custodian:

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| 1. Defined Benefit Balanced Fund        | 13. Target Retirement 2060 Fund   |
| 2. International Investment Equity Fund | 14. Target Retirement 2055 Fund   |
| 3. Aggressive Equity Fund               | 15. Target Retirement 2050 Fund   |
| 4. Real Assets                          | 16. Target Retirement 2045 Fund   |
| 5. Global Equity Index Fund             | 17. Target Retirement 2040 Fund   |
| 6. ESG U.S. Stock Fund                  | 18. Target Retirement 2035 Fund   |
| 7. Growth & Value Fund                  | 19. Target Retirement 2030 Fund   |
| 8. S&P 500 Index                        | 20. Target Retirement 2025 Fund   |
| 9. Total Yield Bond Fund                | 21. Target Retirement 2020 Fund   |
| 10. Bond Index Fund                     | 22. Target Retirement Income Fund |
| 11. Voya Fixed Plus III                 | 23. Loan Fund                     |
| 12. Target Retirement 2065 Fund         | 24. Self-Directed Brokerage Fund  |
  - C. Purchases and Sales of Assets
  - D. Administrative Expenses and Fees
  - E. Benefit Payments and Contribution Refunds
3. Consideration and Possible Action of Items Removed from the Consent Agenda
4. Comments from Public
5. JPMorgan: Annual Update from Investment Manager – Wally Theado and Mike Edwards

**Videoconference Attendees and location inside their district:**

|                |                         |                |
|----------------|-------------------------|----------------|
| Tamera Johnson | 1711 Wildwood           | Shawnee, OK    |
| Bob Park       | 1714 Edmondson Dr.      | Sallisaw, OK   |
| Melissa Reames | 723 S. Lewis, Room 1084 | Stillwater, OK |

6. Consideration and Possible Action Regarding Investment Committee Report
  - A. ACG: Review of Monthly ASAP Reports
  - B. Consideration and Possible Action on Reallocation and/or Rebalancing of Assets Among Investment Managers as Recommended by the Investment Committee and Rejection or Approval of any Amendments Proposed and Considered by the Trustees at the Meeting
7. Consideration and Possible Action Regarding Administrative Committee Report
8. Consideration and Possible Action Regarding Contract Committee Report
  - A. Discussion and Possible Action to Renew Liability Protection Plan with OMAG as Recommended by the Contract Committee and Rejection or Approval of any Amendments Proposed and Considered by the Trustees at the Meeting
  - B. Discussion and Possible Action to Renew Business Personal Property Coverage with Hartford as Recommended by the Contract Committee and Rejection or Approval of any Amendments Proposed and Considered by the Trustees at the Meeting
  - C. Discussion and Possible Action to Renew Cyber Security Insurance with Lloyds/Beazley as Recommended by the Contract Committee and Rejection or Approval of any Amendments Proposed and Considered by the Trustees at the Meeting
9. Dean Actuaries, LLC: Discussion and Possible Action on the Projected Impact of Asset Experience on OkMRF Funding Requirements
10. Dean Actuaries, LLC: Discussion and Possible Action Regarding Changes to Actuarial Assumptions and Methods
11. Receive Report on Newly Adopted or Amended OkMRF Member Plans
12. OkMRF Staff Report
13. New Business
14. Trustee/Member Comments
15. Adjourn

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Posted by 10:00 am July 29, 2021  
1001 NW 63<sup>rd</sup> Street, 1<sup>st</sup> Floor, Oklahoma City 73116

**Videoconference Attendees and location inside their district:**

|                |                         |                |
|----------------|-------------------------|----------------|
| Tamera Johnson | 1711 Wildwood           | Shawnee, OK    |
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**2021 OKMRF BOARD OF TRUSTEES' MEETINGS****CONSULTANT SCHEDULE & CALENDAR OF EVENTS****Oklahoma Municipal Retirement Fund**

| <b><u>MEETING DATE</u></b> | <b><u>TRUSTEE MEETING TOPICS &amp; SPEAKERS</u></b>                                                                                                                                                                                                                                                                                                  | <b><u>ANNUAL ACTIVITIES</u></b>                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| January 29, 2021           | <ul style="list-style-type: none"> <li>✓ <b>ACG: 2020 Annual Summary and 2021 Initiative Review</b></li> <li>✓ <b>ACG: 2021 Capital Market Assumption Analysis</b></li> <li>✓ <b>Inv. Manager: Ninety One International Dynamic Equity</b></li> </ul>                                                                                                |                                                                                                                                          |
| February 26, 2021          | <ul style="list-style-type: none"> <li>✓ <b>ACG: Semi-Annual Report with Investment Committee</b></li> <li>✓ <b>ACG: Long-Short Review</b></li> <li>✓ <b>Inv. Manager: Harding Loevner International Growth and Emerging Markets</b></li> </ul>                                                                                                      |                                                                                                                                          |
| March 26, 2021             | <ul style="list-style-type: none"> <li>✓ <b>ACG: Review Investment Policies &amp; Guidelines</b></li> <li>✓ <b>Inv. Manager: State Street (S&amp;P Index, Russell Small Cap Index, US Bond Index, Global Equity Indexes and Target Date Retirement Funds)</b></li> <li>✓ <b>Dean Actuaries, LLC: Summary of Actuarial Funding Studies</b></li> </ul> |                                                                                                                                          |
| April 30, 2021             | <ul style="list-style-type: none"> <li>✓ <b>Inv. Manager: TimesSquare Small and SMID Growth</b></li> <li>✓ <b>Dean Actuaries, LLC: Summary of GASB 68</b></li> </ul>                                                                                                                                                                                 |                                                                                                                                          |
| May 26, 2021               | <ul style="list-style-type: none"> <li>✓ <b>Administrative Committee: Budget and Goals</b></li> </ul>                                                                                                                                                                                                                                                |                                                                                                                                          |
| May 27, 2021               | <ul style="list-style-type: none"> <li>✓ <b>Budget and Updated Contracts</b></li> <li>✓ <b>Inv. Manager: Amundi Pioneer Core Plus Bonds</b></li> <li>✓ <b>Finley &amp; Cook: Audited GASB 68 Statements</b></li> </ul>                                                                                                                               |                                                                                                                                          |
| June 25, 2021              | <ul style="list-style-type: none"> <li>✓ <b>Inv. Manager: Victory Integrity Small Cap Value</b></li> <li>✓ <b>Final Budget Approval, if not approved in May</b></li> </ul>                                                                                                                                                                           | <ul style="list-style-type: none"> <li>◆ <b>Trustee Retreat (June 24, 2021)</b></li> <li><b>Retreat &amp; Meeting Virtual</b></li> </ul> |
| July 30, 2021              | <ul style="list-style-type: none"> <li>✓ <b>Inv. Manager: JP Morgan Core Bonds</b></li> <li>✓ <b>Dean Actuaries, LLC: Market Impact</b></li> </ul>                                                                                                                                                                                                   |                                                                                                                                          |
| August 27, 2021            | <ul style="list-style-type: none"> <li>✓ <b>Voya: Recordkeeping, DC Custodial Services and Fixed Plus</b></li> <li>✓ <b>Northern Trust: DB Custodial Services</b></li> <li>✓ <b>ACG: Semi-Annual Report with Investment Committee</b></li> </ul>                                                                                                     |                                                                                                                                          |
| September 24, 2021         |                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                          |
| October 29, 2021           | <ul style="list-style-type: none"> <li>✓ <b>Review 2022 Meeting Schedule</b></li> <li>✓ <b>Election of Trustee Officers</b></li> <li>✓ <b>Inv. Manager: Artisan International Value</b></li> </ul>                                                                                                                                                   |                                                                                                                                          |
| November 19, 2021          | <ul style="list-style-type: none"> <li>✓ <b>Inv. Manager: WCM International Growth</b></li> </ul>                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>◆ <b>Thanksgiving Luncheon after Board Meeting</b></li> </ul>                                     |
| December 17, 2021          | <ul style="list-style-type: none"> <li>✓ <b>Dean Actuaries, LLC: Topics of Interest</b></li> <li>✓ <b>Finley &amp; Cook: Audited Financial Statements 2021</b></li> </ul>                                                                                                                                                                            | <ul style="list-style-type: none"> <li>◆ <b>Christmas Luncheon after Board Meeting</b></li> </ul>                                        |

**MINUTES**  
**A SPECIAL MEETING OF THE BOARD OF TRUSTEES OF THE**  
**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**June 24, 2021**

**1. Call To Order**

The Board of the Oklahoma Municipal Retirement Fund met at the Oklahoma Municipal Retirement Fund, Oklahoma City, Oklahoma on June 24, 2021, at 9:02 a.m. for Trustee Retreat. No action was taken the retreat is purely educational and for discussion purposes only.

**BOARD OF TRUSTEES**

|             |                                                                                   |
|-------------|-----------------------------------------------------------------------------------|
| Chair:      | Donna Doolen, Finance Director, City of Ada ( <i>via video</i> )                  |
| Vice-Chair: | Robert Johnston, City Manager, City of Clinton ( <i>via video</i> )               |
| Secretary:  | Robert Park, Retiree, City of Sallisaw                                            |
| Treasurer:  | Jim Luckett, Jr., Retiree, City of Thomas                                         |
| Members:    | Joe Don Dunham, City Manager, City of Guymon ( <i>via video</i> )                 |
|             | Tamera Johnson, Retiree, City of Shawnee                                          |
|             | Melissa Reames, Deputy City Manager & Chief Financial Officer, City of Stillwater |
|             | Timothy Rooney, City Manager, City of Mustang                                     |
|             | Ed Tinker, Retiree, City of Glenpool                                              |

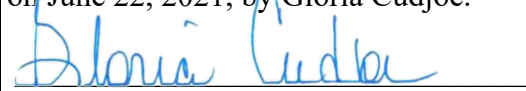
**OTHERS PRESENT:**

|              |                                                         |
|--------------|---------------------------------------------------------|
| OkMRF Staff: | Jodi Cox, Executive Director/CEO                        |
|              | Chris Whatley, Plan Advisor & Portfolio Strategist      |
|              | Rhnea Stewart, Fund Accountant ( <i>via telephone</i> ) |

OkMRF Attorney David Davis (*via video*)

|         |                                                             |
|---------|-------------------------------------------------------------|
| Others: | Maya Saxena, Saxena White ( <i>via video</i> )              |
|         | Stefanie Leverette, Saxena White ( <i>via video</i> )       |
|         | Lauren Taylor Wolfe, Impactive Capital ( <i>via video</i> ) |
|         | Walter Lee, Impactive Capital ( <i>via video</i> )          |
|         | Deltra Hayes, Voya Financial ( <i>via video</i> )           |
|         | Heather Lavalley, Voya Financial ( <i>via video</i> )       |
|         | John Farley, Calvert ( <i>via video</i> )                   |
|         | Lance Garrison, Calvert ( <i>via video</i> )                |
|         | Joe Nugent, ACG ( <i>via video</i> )                        |
|         | Haley Rives, ACG ( <i>via video</i> )                       |
|         | Kevin Moore, ACG ( <i>via video</i> )                       |

**NOTICE:** The agenda for the June 24, 2021, Trustee Retreat meeting was posted at Oklahoma Municipal Retirement Fund, Oklahoma City, Oklahoma, first floor by 9:00 a.m. on June 22, 2021, by Gloria Cudjoe.

  
Signature

2. **9:00 a.m. - What does it take to be a Prudent Investor - David Davis**

Davis provided a refresher on the Prudent Investor Rule and the standard of care duties for a trustee. Various considerations were provided when making decisions concerning plan assets under the Prudent Investor Rule. Davis noted that one of the most important duties of a Trustee is make a reasonable effort to verify relevant facts related to the management and investment of trust assets. A Code of Conduct for Trustees was reviewed that would assist in the avoidance of conflict-of-interest events.

The differences in DB and DC plans were reviewed as to how the Prudent Investor Rule and related fiduciary responsibilities are different for participants and Trustee's dependent upon type of plan.

A listing was presented on the various actions that the Trustees utilize during the monthly and special committee meetings that exhibits compliance with the Prudent Investor Rule and why diversification is a very important consideration in exhibiting compliance. The closing concepts were related to reducing legal claims against Trustees under the Prudent Investor Rule.

3. **9:15 a.m. - HIQ Lead Plaintiff Start to Finish – Maya Saxena and Stefanie Leverette, Saxena White**

Leverette began the introductions and expressed gratitude to be a presenter. Saxena will be presenting an overview of what securities litigation and portfolio monitoring and the OkMRF lead plaintiff class action lawsuit against Health Insurance Innovations (HIQ).

Saxena began by defining what securities fraud is in publicly traded markets. She explained the portfolio monitoring process provided for OkMRF assets by cross referencing our custodial asset data with real-time financial market tools for large price drops in stocks and then to evaluate fraud potential with notification to OkMRF, as the client, of potential loss when fraud is identified and recommendations for legal options.

A background and overview of the class action lawsuit process:

HIQ was selling supplemental health insurance. The supplemental plans were sold by HIQ distributors and call centers, which aggressively and misleadingly market the products. Executive management touted its excellence in the call center with very limited complaints. Stock prices increased substantially during a two-year period and then the complaints and deceptions from the call center activity began to surface. So as this was becoming known within the news media outlets and with the FTC obtaining a court order to shut down and freeze assets, stock prices dropped dramatically. This correlated to their monitoring process revealing a potential loss of \$153,000, for OkMRF, due to the drop share prices from \$63/share to \$24/share.

On initial review, not a huge loss for a pension fund, however, many public funds did not own this stock. So, since this was a public fund loss, OkMRF was notified of this loss and the firm started researching the case. It was determined to be fraud and two public fund clients of Saxena White had losses. Public Funds involved as plaintiffs in class actions cases settlements tend to be 7.5% times higher than an individual investor.

OkMRF did due diligence with Saxena White before agreeing to participate. Board approved for OkMRF to move for lead plaintiff together with Saxena White's other client, City of Birmingham Retirement and Relief System. The Court approved the lead plaintiff status.

OkMRF was officially appointed as co-lead plaintiff in May 2019 and the various motions and discoveries continued. One year later, May 2020, Saxena White files a motion for class certification with Cox participating in a deposition and being cross examined. Case is certified by the court, mediation for settlement did not work, settlement discussion continued, case settles for \$11 million, 34% of damages, court approves the settlement and reimbursement to OkMRF for lead plaintiff expenses. Judge expressed appreciation to group who were involved in this class action lawsuit.

The FTC case against the executive office and the parent company is still ongoing. HIIQ changed its name and was acquired by a private equity firm in August 2020 and delisted from NASDAQ.

4. **10:00 a.m. - Active Impact Investing – Lauren Taylor Wolfe/Walter Lee, Impactive**

Moore of ACG introduced Wolfe and Lee of Impactive Capital. OkMRF will be investing in Impactive within the long/short equity allocation as an activist to help a company to grow at a faster pace within the ESG realm. They focus and engage with boards and management, products to consumer, employee's satisfaction, etc. Portfolio consists of eight (8) to twelve (12) high quality companies with the theory that ESG improvements can drive economic returns and make companies more competitive, profitable and valuable over the long run.

Wolfe described one of their social investments and the reasonings for an automotive dealership selection to the portfolio as a long-term investment. She then proceeded to discuss a company under the environmental investing tilt which dealt with energy and water recycling aspects.

Impactive will not take on a proxy takeover situation, they want to avoid headline risk. Impactive will exit with humility when active engagement with management does not make headway on ESG aspects that could improve the company.

The constructive engagement scorecard was reviewed as to the progress per date for the various companies within the portfolio.

5. **10:45 a.m. - Break**

6. **11:00 a.m. - Keynote Speaker: VOYA Firm – Heather Lavallee, Voya Financial**

Deltra Hayes provided a welcome on behalf of Voya Financial and appreciation was expressed by attendees for their Voya bag. Hayes introduce Lavallee who provided an overall update for the company, as a whole, for now and the future.

Lavallee began with the firm update on the business side on their three branches of operations, wealth and health solutions and investment management. A briefing of how Voya was fostering a culture grounded in values by being recognized as one of the most

ethical companies since 2014, the creating and empowering of a diversified work force, employees investing volunteer hours in their communities and caring about the environment by encouraging energy and paper usage reduction. Voya is continuing to advance this focus on diversity. She pointed out that Voya's board of directors is achieving an independent and diverse leadership.

Lavalle briefed on how the Wealth Solutions Group had reorganized with the same team of management but with expansion of roles and functions.

A need has been identified by Voya for participants as to how they are faced with a complex and overwhelming set of decisions when making benefit decisions at the beginning of employment and enrollment in benefit plans available. Stress factors are being identified and with the advent of Covid-19 this has added to individual's financial well-being being put at risk as it applies to wealth and health financial considerations.

Voya will continue to develop and improve their customer-centric approach by continuing to enhance the enrollment process, the participant website technology and various means to obtain educational materials. They will continue to be proactive in the cyber security process to protect participant and data sources by means of utilizing highly skilled security professionals, technology layers of collaboration across the industry, government agencies and security firms, implementation of best practice controls and the evolution of artificial intelligence.

Voya will continue to take a multi-pronged approach to implement ESG practices into their way of doing business and applying ESG principles to align retirement benefit processes for both employees and participants.

Voya has spent lots of time researching and listening to employees on the "Return to Office" model. They plan to return to the office in mid-September by utilizing a hybrid type model of office presence and working remotely. They are not mandating proof of vaccination and are of the opinion returning to the office will be ever evolving.

Sentiments expressed by Cox that a good partnership has been made with Voya and with Hayes and her team to make OkMRF a better service organization for participants.

7. **11:45 a.m. - Lunch Break and Trustee Trivia – 3 Truths and 1 Lie**

Cox led the Trustee Trivia exercise during the lunch break.

8. **1:00 p.m. - Responsible Investing: Aligning Outcomes for Investors, The Environment and Society – John Farley/Lance Garrison, Calvert**

Moore introduced Calvert, the ESG investment option within the DC plan. This option has just passed the one-year time frame of being available to participants with over \$1.2 million in assets.

Jimmy Stafford of Atlantic Capital began the overview. Atlantic Capital, an affiliate of Calvert, is the subadvisor to the mutual fund since 1998, and now all are under the umbrella of Morgan Stanley. The transition to Morgan Stanley was a very smooth transaction with no impact to operations, personnel and provides for opportunities from a larger, international firm.



Farley started the discussion of Calvert's definition and overview of responsible investing. Calvert has been in this business for over forty (40) years. He then proceeded to define what ESG investing means to Calvert and the factors they consider for responsible investing. The factors can have a real impact on their performance. ESG reporting by companies has dramatically increased; therefore, providing more data that can be evaluated and insight into how companies are operating. One of the specific data points Calvert has been focusing on is "human capital management".

There was a discussion regarding the recent departure of three (3) research analysts. However, noting that Calvert has tremendous depth within their research team and the platform used.

Calvert benchmarks to traditional indexes; therefore, demonstrating ESG factors do not create an investment sacrifice over the long-term. Responsible investing does not need to rely on negative screening techniques of the past because of more quality data being provided as it relates to ESG factors. There are now more assets and more options available for investing in ESG strategies due to the reporting that registered companies have been incorporating on ESG factors. U.S. ESG strategies are a little behind some of the international countries who have been recognizing these factors for longer periods of time.

Farley continued with an overview of the Calvert research and management process. They have experienced growth in Assets Under Management by focusing on responsible investing only, financial materiality and how active engagement drives performance and impact. The Calvert scorecard grid of factors was reviewed. This focus on financially material ESG issues helps to identify risks and other opportunities that might not be apparent. The scorecard offers greater insight into business performance.

Garrison discussed a more in-depth review of the research process and some of their holdings. As a high-quality investor, they look for sustainability issues, active participation in industry peer reviews, stock specific meetings and discussions. Then, before purchasing, there is one final review with the research analyst.

**9. 1:45 p.m. - Break**

**10. 2:00 p.m. - Real Assets opportunity set – Joe Nugent, ACG**

Nugent began by reviewing Real Assets exposures in the current portfolios with real estate funds in the DB plan and a diversified real asset mutual fund in the DC investment options. Real assets are providing excellent diversification and reduction of risk. The specific characteristics were reviewed for both JPMorgan real estate funds, noting the leveraging aspects, exposures by property types and geographic regions. The current market update for real estate indicates that core real estate had strong returns over this current economic cycle, but recently and currently is being affected negatively due to Covid. Income from properties is expected to remain the primary driver of total return for the next three to five years and this type of income remains attractive to other income producing investments. Cash flow from real estate with the income yield compared to the 10-year treasury is a 253 bps spread at the March quarter end, thus an attractive investment to have in a portfolio.

It appears the monetary policies of the Fed have been controlling inflation and will most likely hold rates till late 2022. However, inflation is a becoming a concern for the first time in a while and is a consistent risk factor for investing. Nugent then discussed the various types of investments that can hedge against inflation in the real assets sector such as commodities, real estate, TIPS and infrastructure. However, commodities have not historically kept up with other asset classes over the long-term and are very volatile. Whereas real estate options and infrastructure do hedge against inflation by providing better returns with much less risk than commodities over longer periods.

TIPS breakeven inflation rate, the measuring of expected inflation, was discussed. The breakeven rate is at 2.5% in February 2021 which is the highest level since 2006.

Real Asset implementation options were reviewed from ACG's perspective for their clients' portfolios from both a public and/or private perspective utilizing both open and closed-end products that could protect the portfolio against inflation with providing attractive returns over the long-term. However, stocks will continue to do well with low inflation. Therefore, time is on OkMRF's side to review and consider implementing an asset allocation increase to the real estate allocation to include real assets.

11. **3:00 p.m. - Closing Comments**

Closing comments were led by Cox and Moore. The takeaway from this retreat was the expansion of ESG programs and investing and to seek further information and education for adding a Real Asset allocation to the DB plan with an asset allocation impact study.

Tinker expressed the option to consider investing in Oklahoma real estate properties. Cox indicated Trustee Dunham had previously expressed this same desire to invest locally or regionally.

12. **3:15 p.m. - Adjourn**

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Robert Park, Secretary

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Donna Doolen, Chair

Respectfully submitted by:



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Rhnea Stewart, Fund Accountant

**MINUTES**  
**BOARD OF TRUSTEES**  
**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**June 25, 2021**

**1. Call To Order**

The Board of the Oklahoma Municipal Retirement Fund met at Oklahoma Municipal Retirement Fund Offices, Oklahoma City, Oklahoma, on June 25, 2021, at 10:00 a.m. with Chair Doolen presiding. On roll call, the following members were present:

**BOARD OF TRUSTEES**

Chair: Donna Doolen, Finance Director, City of Ada  
Vice-Chair: Robert Johnston, City Manager, City of Clinton  
Treasurer: Jim Lockett, Jr., Retiree, City of Thomas (*arrived at 10:03 a.m.*)  
Secretary: Robert Park, Retiree, City of Sallisaw  
Members: Tamera Johnson, Retiree, City of Shawnee (*via video*)  
Melissa Reames, Deputy City Manager & Chief Financial Officer, City of Stillwater (*via video*)  
Tim Rooney, City Manager, City of Mustang  
Ed Tinker, Retiree, City of Glenpool

**OTHERS PRESENT:**

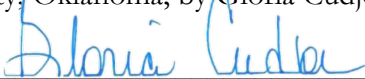
OkMRF Staff: Jodi Cox, CEO & Director  
Chris Whatley, Plan Advisor & Portfolio Strategist  
Rhnea Stewart, Fund Accountant (*via telephone*)

Others: Kevin Moore, ACG (*via video*)  
Haley Rives, ACG (*via video*)  
Andrea Leistra, Victory Integrity (*via video*)  
Crystal D. Doyle, Victory Integrity (*via video*)  
Daniel Bandi, Victory Integrity (*via video*)  
Kevin Balaod, Fundmap Journalist (*via video*)  
Gar Chung, FIN News (*via video*)

Whatley opened the meeting with prayer and Rooney led the Pledge of Allegiance.

Doolen welcomed everyone and called the meeting to order.

**NOTICE:** The agenda for the June 25, 2021 meeting was posted in Columbus Square, Oklahoma City, Oklahoma, by Gloria Cudjoe by 10:00 a.m. on June 24, 2021.



Signature(s)

## 2. Approval of Consent Agenda

The following items were presented under the consent agenda.

### A. Minutes of May 27, 2021 Meeting(s)

### B. Monthly Valuation of Fund Assets & Unit Values by Custodian

| Option                          | Value By Fund       |
|---------------------------------|---------------------|
| Defined Benefit                 | \$ 744,291,705.44   |
| International Investment Equity | \$ 10,275,320.33    |
| Aggressive Equity               | \$ 23,084,558.35    |
| Real Assets Fund                | \$ 694,022.61       |
| ESG US Stock Fund               | \$ 1,223,305.12     |
| Global Equity                   | \$ 10,792,766.97    |
| Growth and Value Equity         | \$ 27,196,776.22    |
| S & P 500 Index                 | \$ 37,266,817.84    |
| Target Retirement 2065          | \$ 147,923.21       |
| Target Retirement 2060          | \$ 5,290,233.86     |
| Target Retirement 2055          | \$ 7,329,866.54     |
| Target Retirement 2050          | \$ 12,413,693.16    |
| Target Retirement 2045          | \$ 15,740,426.23    |
| Target Retirement 2040          | \$ 20,849,358.39    |
| Target Retirement 2035          | \$ 28,267,728.60    |
| Target Retirement 2030          | \$ 32,418,249.09    |
| Target Retirement 2025          | \$ 45,568,539.82    |
| Target Retirement 2020          | \$ 34,740,963.76    |
| Target Retirement Income        | \$ 23,802,985.05    |
| Total Yield Bond Fund           | \$ 6,605,109.47     |
| Bond Index                      | \$ 16,555,694.67    |
| Voya Fixed Plus III             | \$ 41,089,524.57    |
| Loan Portfolio                  | \$ 8,131,290.03     |
| Self Directed Brokerage         | \$ 247,589.43       |
| Total Assets                    | \$ 1,154,024,448.76 |

**C. Purchases and Sales of Assets**

**D. Administrative Expenses and Fees**

**Expenses and Fees for June**

|                           |                            |
|---------------------------|----------------------------|
| Actuary & Recordkeeping   | \$53,357.55                |
| Administration            | 93,539.24                  |
| Attorney                  | 4,250.00                   |
| Audit                     | 7,500.00                   |
| Board Travel              | 4,697.58                   |
| Employer Directed Expense | 0.00                       |
| Insurance                 | 0.00                       |
| Investment Advisors       | 16,414.29                  |
| Custodial                 | 9,090.74                   |
| Investment Consultant     | 31,734.23                  |
| Public Relations          | 1,524.67                   |
| Representative Travel     | <u>3,615.36</u>            |
| EXPENSES                  | <u><u>\$225,723.66</u></u> |

**E. Benefit Payments and Contribution Refunds**

**F. Consideration and Possible Action on Open Records Administrative Policy Amendment and Rejection or Approval of any Amendments Proposed and Considered by the Trustee at the Meeting**

Motion made by Rooney, seconded by Johnston to approve all items on the Consent Agenda.

Motion carried: AYE: Doolen, Johnson, Johnston, Park, Reames,  
Rooney and Tinker

NAY: None

**3. Consideration and Possible Action of Items Removed from the Consent Agenda**

No action taken.

**4. Comments from the Public**

None.

**5. Victory Integrity: Annual Update from Investment Managers – Andrea Leistra and Daniel Bandi**

Leistra provided introductions and provided a brief update on personnel changes.

Bandi as the portfolio manager discussed what happened during the past year and half in their portfolio. At the end of 2019, and continuing into January and February of 2020, the economy and portfolio were doing well, and they were not overly concerned with companies that were overloaded with debt. But when the pandemic was declared in March, companies with heavy debt suffered and dragged performance. This portfolio effect happened within twenty (20) days in comparison to the 2008 financial crisis which took around a five (5) month period. Victory made decisions to exit companies with heavy debt they thought would not survive the shutdown. Valuations began resembling the 2008 financial crisis, so the portfolio began to incrementally expand the number of holdings with an opportunity of adding value for clients. By the end of 2020, they were down as compared to the benchmark but had made up a lot of ground with healthcare being the distractor to performance and by end of first quarter 2021 had recovered to the benchmark and was over their benchmark at end of quarter. This value cycle has aspects of the tech bubble of being cheap with an eight (8) year of good performance and growth potential going forward. The past five (5) year performance for Victory Integrity has been very choppy but they stayed to the discipline of their value investing. And they believe they are in a good position to benefit going forward for their clients and are beginning to reduce holdings.

Bandi discussed various aspects of the reconstituting of the Russell 2000 value index. The portfolio is going to overweight in the energy sector, energy demand should be increasing for the economy as a whole and is attractive to Victory Integrity.

**6. Consideration and Possible Action Regarding Investment Committee Report**

**A. ACG: Review of Monthly ASAP Reports**

Rives provided a review of the DB ASAP. Portfolio had good absolute performance for the year as well as relative performance. Equities overweight to fixed income as expected due to challenging fixed income markets. The non-U.S. equities continue with good performance and over respective benchmarks for all managers. Long/short underperformed for the month of May and has been challenged for the calendar year. As a reminder, Impactive will be going into the long/short allocation using the liquidation of Triam proceeds. Impactive has changed the fund for the K2 platform by eliminating the 50% shorting allocation to index funds due to how much inflow their new fund was receiving; therefore, the new Impactive fund for the K2 platform will be without the required shorting.

Fixed income short term rates have been slightly increasing, resulting in bond yields suffering on the core fixed income allocation to JPM. Again, supporting the reason for active management for fixed income by BlackRock and Amundi Pioneer which helps to mitigate risk and manage rising rates.

Real estate allocation continues to be additive to portfolio with the high quality of holdings within the JPM funds.

Rives reviewed the DC investment options noting that the growth and value option had good performance due to the strong equity markets. Effective in June, T Rowe Price replaces Fred Alger in the aggressive portfolio. The Aggressive investment option has strong performance for the year with Artisan coming on strong as the value manager. The Real Assets option

benefited from REITS gaining traction. As participation and assets accumulate to \$1 million plus, then we could start looking at other options to add and compliment this option.

**B. Consideration and Possible Action on Reallocation and/or Rebalancing of Assets Among Investment Managers as Recommended by the Investment Committee and Rejection or Approval of any Amendments Proposed and Considered by the Trustee at the Meeting**

No action taken.

**7. Consideration and Possible Action Regarding Administrative Committee Report**

**A. Consideration and Possible Approval of Revised 2020-2021 OkMRF Budget as Recommended by the Administrative Committee and Rejection or Approval of any Amendments Proposed and Considered by the Trustees at the Meeting**

Administrative Committee Chair Johnson presented two (2) line items for budget amendment consideration with overall budget being under target.

Motion made by Johnston, seconded by Reames to approve revised 2020-2021 OkMRF Budget as recommended by the Administrative Committee.

Motion carried: AYE: Doolen, Johnson, Johnston, Luckett, Park, Reames, Rooney and Tinker

NAY: None

**8. Consideration and Possible Action Regarding Contract Committee Report**

**A. Consideration and Possible Approval of Amended Asset Consulting Group Agreement Effective July 1, 2021, as Recommended by the Contract Committee and Rejection or Approval of any Amendments Proposed and Considered by the Trustees at the Meeting**

Contract Committee Chair Reames presented proposed amendments to original 2014 consulting agreement with ACG, for a stage-in approach to increase the fee retainer for the next three (3) years. The budget approved last month for FY 21-22 did include this fee increase for year one.

Motion made by Reames, seconded by Rooney to approve amended ACG agreement as recommend by the Contract Committee.

Motion carried: AYE: Doolen, Johnson, Johnston, Luckett, Park, Reames, Rooney and Tinker

NAY: None

**9. Consideration and Possible Action on Trustee Retreat Topics and to Help Staff Prioritize Task**

Cox led discussion to summarize the retreat conversations and future concepts to be undertaken by the Trustees. Desire was expressed for more education on real asset options and consideration for investment opportunities within Oklahoma to begin exploring at the August Investment Committee meeting.

**10. Receive Report on Newly Adopted or Amended OkMRF Member Plans**

Whatley reported on plan changes for the OkMRF members.

**11. OkMRF Staff Report**

Cox reported on the following items:

- JPM will be reporting on the core bond portfolio at next month's meeting.
- Dean Actuaries will have the actuarial market value impact review next month.
- DB Master plan document will be submitted to the IRS in July, starting a new six (6) year review and approval cycle.
- Nomination status for the Districts 5 and 6 elections were provided. Currently, District 5 has one nomination and District 6 has received five nominations with June 30, 2021, being the deadline for submissions.
- OML booth volunteer sheet provided for sign up and to notify Staff if a meal ticket purchase is needed for attendance at the Hall of Fame banquet.
- The City Manager Association of Oklahoma Summer Conference will be held in Enid, July 21-23, 2021. Girardi and Cox will be attending.
- A virtual due diligence session was conducted by the Contract Committee, Staff and ACG with Northern Trust (NT). Time was well spent with NT leadership. They answered a questionnaire very quickly and thoroughly with the consensus being a much-improved custodian and service provider over previous provider.
- Due to vacation, she will not be available until July 6<sup>th</sup>. Contact Girardi, Baser or Stewart for any Trustee needs during this time frame.

**12. New Business**

Rooney requested Cox look into the recent addition of a new Federal Holiday, Juneteenth (June 19). Cox will be presenting the calendar for OkMRF proposed holidays at the October board meeting for consideration.

**13. Trustee/Member Comments**

Reames expressed appreciation for the information that Davis presented at the Trustee retreat on the Prudent Investor Rules as fundamental and refresher of Trustee duties.

Tinker requested a plan of action for returning to a normal meeting and work environment within the pandemic situation. Additionally, inquired as to the status of the Stillwater Medical Center Request for Proposal.

Luckett requested a nomination for David Davis to be considered for the Oklahoma Hall of Fame for City and Town Officials.

**14. Adjourn**

With no further business to conduct meeting adjourned.

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Robert Park, Secretary

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Donna Doolen, Chair

Respectfully submitted by:



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Rhnea Stewart



Oklahoma Municipal Retirement Fund  
Summary of Assets and Investment Returns  
June 30, 2021

| Option                          | Value By Fund       | 1 Month | 3 Month | Year to Date | 1 Yr   | 3 Yr Rolling  | 5 Yr Rolling  | 10 Yr Rolling |
|---------------------------------|---------------------|---------|---------|--------------|--------|---------------|---------------|---------------|
| Defined Benefit                 | \$ 749,469,269.21   | 0.80%   | 4.95%   | 8.63%        | 27.47% | 12.19%        | 11.15%        | 8.90%         |
| International Investment Equity | \$ 10,264,892.79    | -0.39%  | 5.61%   | 9.45%        | 40.20% | 10.61%        | 11.88%        | 8.00%         |
| Aggressive Equity               | \$ 23,333,547.99    | 1.89%   | 5.68%   | 15.83%       | 61.88% | 15.99%        | 17.31%        | 12.57%        |
| Real Assets Fund                | \$ 682,304.88       | 1.69%   | 8.93%   | 13.83%       | 27.65% | 7.62%         | 4.99%         | 2.89%         |
| ESG US Stock Fund               | \$ 1,419,519.24     | 3.04%   | 9.73%   | 12.37%       | 34.75% | 24.05%        | 21.06%        | 15.08%        |
| Global Equity                   | \$ 11,026,432.32    | 1.36%   | 7.44%   | 12.45%       | 39.46% | 14.92%        | 14.89%        | 10.22%        |
| Growth and Value Equity         | \$ 27,945,896.85    | 3.01%   | 8.87%   | 15.86%       | 45.50% | 20.16%        | 19.05%        | 14.91%        |
| S & P 500 Index                 | \$ 38,249,724.95    | 2.32%   | 8.53%   | 15.21%       | 40.72% | 18.63%        | 17.61%        | 14.78%        |
| Target Retirement 2065          | \$ 150,042.81       | 1.35%   | 6.76%   | 10.49%       | 36.38% | Not Available | Not Available | Not Available |
| Target Retirement 2060          | \$ 5,379,260.28     | 1.36%   | 6.77%   | 10.48%       | 36.37% | 14.65%        | 14.07%        | Not Available |
| Target Retirement 2055          | \$ 7,450,063.32     | 1.36%   | 6.76%   | 10.49%       | 36.38% | 14.65%        | 14.07%        | 10.78%        |
| Target Retirement 2050          | \$ 12,571,568.51    | 1.36%   | 6.77%   | 10.49%       | 36.37% | 14.66%        | 14.08%        | 10.78%        |
| Target Retirement 2045          | \$ 15,993,811.32    | 1.33%   | 6.61%   | 10.03%       | 34.86% | 14.35%        | 13.89%        | 10.68%        |
| Target Retirement 2040          | \$ 21,219,858.24    | 1.30%   | 6.38%   | 9.32%        | 32.29% | 13.96%        | 13.36%        | 10.45%        |
| Target Retirement 2035          | \$ 28,712,268.15    | 1.27%   | 6.07%   | 8.49%        | 29.58% | 13.49%        | 12.73%        | 10.17%        |
| Target Retirement 2030          | \$ 32,715,295.11    | 1.21%   | 5.70%   | 7.70%        | 26.77% | 12.88%        | 11.95%        | 9.87%         |
| Target Retirement 2025          | \$ 45,922,431.92    | 1.02%   | 5.16%   | 7.19%        | 23.78% | 11.67%        | 10.81%        | 9.22%         |
| Target Retirement 2020          | \$ 35,061,666.52    | 0.82%   | 4.51%   | 6.37%        | 19.58% | 9.72%         | 8.87%         | 8.05%         |
| Target Retirement Income        | \$ 23,756,724.66    | 0.67%   | 3.82%   | 5.16%        | 15.36% | 8.33%         | 6.85%         | 5.60%         |
| Total Yield Bond Fund           | \$ 6,684,388.76     | 0.63%   | 1.91%   | 0.19%        | 5.27%  | 6.05%         | 4.23%         | Not Available |
| Bond Index <sup>1</sup>         | \$ 16,530,355.53    | 0.70%   | 1.83%   | -1.67%       | -0.41% | 5.35%         | 3.00%         | 3.36%         |
| Voya Fixed Plus III             | \$ 41,520,931.62    | 0.15%   | 0.46%   | 0.91%        | 1.95%  | 2.01%         | 1.83%         | 1.93%         |
| Loan Portfolio                  | \$ 8,103,583.00     |         |         |              |        |               |               |               |
| Self Directed Brokerage         | \$ 281,705.71       |         |         |              |        |               |               |               |
| Total Assets                    | \$ 1,164,445,543.69 |         |         |              |        |               |               |               |

<sup>1</sup>Returns prior to 10/31/15 represent the existing OkMRF Bond Fund.

**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**Equity/Fixed Asset Split**  
**As of June 2021**

| Defined Benefit                        | Market Value      | Cash            | Total Assets      | Cash % of<br>Each Mgr's<br>Assets | Managers'<br>Assets as %<br>of Group | Managers'<br>Assets as %<br>of Total |
|----------------------------------------|-------------------|-----------------|-------------------|-----------------------------------|--------------------------------------|--------------------------------------|
| <u>Equity Managers:</u>                |                   |                 |                   |                                   |                                      |                                      |
| River Road Small Cap Value             | \$ 35,797,026.12  | 2,418,607.79    | 38,215,633.91     | 6.33%                             | 10.91%                               | 5.13%                                |
| TimesSquare Growth                     | 32,852,981.67     | 778,118.74      | 33,631,100.41     | 2.31%                             | 9.60%                                | 4.51%                                |
| State Street S&P 500                   | 208,700,431.18    | 19,998.15       | 208,720,429.33    | 0.01%                             | 59.59%                               | 28.00%                               |
| K2 Long/Short Equity**                 | 69,510,460.00     | 185,949.09      | 69,696,409.09     | 0.27%                             | 19.90%                               | 9.35%                                |
| Equity Totals                          | \$ 346,860,898.97 | 3,402,673.77    | 350,263,572.74    | 0.97%                             | 100.00%                              | 46.99%                               |
| <u>Fixed Managers:</u>                 |                   |                 |                   |                                   |                                      |                                      |
| JPMorgan Core                          | \$ 70,695,721.22  | 0.00            | 70,695,721.22     | 0.00%                             | 41.17%                               | 9.49%                                |
| Amundi Multi-Sector                    | 49,447,101.26     | 0.00            | 49,447,101.26     | 0.00%                             | 28.80%                               | 6.63%                                |
| BlackRock Strategic Income             | 51,519,531.52     | 35,500.40       | 51,555,031.92     | 0.07%                             | 30.03%                               | 6.92%                                |
| Fixed Totals                           | \$ 171,662,354.00 | 35,500.40       | 171,697,854.40    | 0.02%                             | 100.00%                              | 23.04%                               |
| <u>International Equity</u>            |                   |                 |                   |                                   |                                      |                                      |
| Artisan Value Institutional            | \$ 50,741,288.66  | 0.00            | 50,741,288.66     | 0.00%                             | 26.80%                               | 6.81%                                |
| Ninety One Intl Dynamic Equity         | 53,082,884.01     | 0.00            | 53,082,884.01     | 0.00%                             | 28.03%                               | 7.12%                                |
| Harding Loevner Emerging Market Intl   | 34,635,647.59     | 0.00            | 34,635,647.59     | 0.00%                             | 18.29%                               | 4.65%                                |
| WCM Focused Intl Growth                | 50,867,579.00     | 29,540.40       | 50,897,119.40     | 0.06%                             | 26.88%                               | 6.83%                                |
| International Totals                   | \$ 189,327,399.26 | 29,540.40       | 189,356,939.66    | 0.02%                             | 100.00%                              | 25.41%                               |
| <u>Real Estate</u>                     |                   |                 |                   |                                   |                                      |                                      |
| JPMorgan Real Estate Strategic         | \$ 19,870,513.55  | 0.00            | 19,870,513.55     | 0.00%                             | 58.54%                               | 2.67%                                |
| JPMorgan Real Estate Special Situation | 14,024,610.93     | 47,545.47       | 14,072,156.40     | 0.34%                             | 41.46%                               | 1.89%                                |
| Real Estate Totals                     | \$ 33,895,124.48  | 47,545.47       | 33,942,669.95     | 0.14%                             | 100.00%                              | 4.56%                                |
| Asset AllocationTotals                 | \$ 741,745,776.71 | 3,515,260.04    | 745,261,036.75    |                                   |                                      |                                      |
| <u>Cash and Cash Equivalents*</u>      |                   |                 |                   |                                   |                                      |                                      |
| Miscellaneous                          | \$ 0.00           | 1,018,615.54    | 1,018,615.54      |                                   |                                      |                                      |
| Deposit                                | 0.00              | 3,189,616.92    | 3,189,616.92      |                                   |                                      |                                      |
| Cash Total                             | \$ 0.00           | 4,208,232.46    | 4,208,232.46      |                                   |                                      |                                      |
| Asset Totals                           | \$ 741,745,776.71 | \$ 7,723,492.50 | \$ 749,469,269.21 |                                   |                                      |                                      |
|                                        |                   |                 |                   |                                   | Asset Allocation                     |                                      |
|                                        |                   |                 |                   |                                   | Target Split:                        | Actual Split:                        |
|                                        |                   |                 |                   | Equity                            | 45.00%                               | 46.99%                               |
|                                        |                   |                 |                   | Fixed                             | 25.00%                               | 23.04%                               |
|                                        |                   |                 |                   | International                     | 25.00%                               | 25.41%                               |
|                                        |                   |                 |                   | Real Estate                       | 5.00%                                | 4.56%                                |

\* Not included in Target Split or Actual Split Calculations.

\*\* Market Value reported by custodian is one to two month in arrears.

*OKLAHOMA MUNICIPAL RETIREMENT FUND*

*Defined Benefit Plan*

*Statement of Changes in Net Assets*

*For the Month Ended June 30, 2021*

|                                           |                 |                   |
|-------------------------------------------|-----------------|-------------------|
| Contributions                             |                 |                   |
| Employer                                  | \$ 1,609,635.55 |                   |
| Employee                                  | 649,594.52      |                   |
| Total                                     |                 | \$ 2,259,230.07   |
| Investment income:                        |                 |                   |
| Interest                                  | 0.00            |                   |
| Dividends                                 | 395,048.77      |                   |
|                                           | 395,048.77      |                   |
| Less: Beginning accrual                   | (128,429.51)    |                   |
| Add: Ending accrual                       | 132,769.65      |                   |
| Net income received                       | 399,388.91      |                   |
| Appreciation in fair value of investments | 5,745,819.29    |                   |
| Investment expenses                       | (123,422.66)    |                   |
| Administrative expenses                   | (106,127.12)    |                   |
| Net investment income                     |                 | 5,915,658.42      |
| Total additions                           |                 | 8,174,888.49      |
| Payment of benefits and member refunds    | (2,997,324.72)  |                   |
| Transfers in (out)                        | 0.00            |                   |
| Net increase (decrease) for month         |                 | 5,177,563.77      |
| Net assets available for plan benefits:   |                 |                   |
| Beginning of month                        |                 | \$ 744,291,705.44 |
| End of month                              |                 | \$ 749,469,269.21 |

## ◆ Asset Summary

| Country                      | Accrued<br>income/expense | Market value   | Cost           | Market         | Unrealized gain/loss | Translation | Total          | Market values<br>incl. accruals | %       |
|------------------------------|---------------------------|----------------|----------------|----------------|----------------------|-------------|----------------|---------------------------------|---------|
| Equities                     |                           |                |                |                |                      |             |                |                                 |         |
| Common stock                 |                           |                |                |                |                      |             |                |                                 |         |
| Canada - USD                 | 0.00                      | 845,448.00     | 655,615.15     | 189,832.85     |                      | 0.00        | 189,832.85     | 845,448.00                      | 0.113%  |
| Germany - USD                | 0.00                      | 261,698.00     | 271,059.48     | -9,361.48      |                      | 0.00        | -9,361.48      | 261,698.00                      | 0.035%  |
| India - USD                  | 0.00                      | 471,233.00     | 216,653.01     | 254,579.99     |                      | 0.00        | 254,579.99     | 471,233.00                      | 0.063%  |
| Israel - USD                 | 2,452.52                  | 1,167,515.32   | 913,190.08     | 254,325.24     |                      | 0.00        | 254,325.24     | 1,169,967.84                    | 0.156%  |
| Netherlands - USD            | 0.00                      | 301,070.00     | 278,524.43     | 22,545.57      |                      | 0.00        | 22,545.57      | 301,070.00                      | 0.040%  |
| United States - USD          | 21,410.61                 | 65,216,698.00  | 50,136,995.44  | 15,079,702.56  |                      | 0.00        | 15,079,702.56  | 65,238,108.61                   | 8.705%  |
| Total common stock           | 23,863.13                 | 68,263,662.32  | 52,472,037.59  | 15,791,624.73  |                      | 0.00        | 15,791,624.73  | 68,287,525.45                   | 9.111%  |
|                              |                           |                |                |                |                      |             |                |                                 |         |
| Funds - common stock         |                           |                |                |                |                      |             |                |                                 |         |
| Global Region - USD          | 0.00                      | 53,082,884.01  | 34,994,177.83  | 18,088,706.18  |                      | 0.00        | 18,088,706.18  | 53,082,884.01                   | 7.083%  |
| International Region - USD   | 0.00                      | 50,741,288.66  | 32,875,093.31  | 17,866,195.35  |                      | 0.00        | 17,866,195.35  | 50,741,288.66                   | 6.770%  |
| United States - USD          | 0.00                      | 243,336,078.77 | 132,543,263.28 | 110,792,815.49 |                      | 0.00        | 110,792,815.49 | 243,336,078.77                  | 32.468% |
| Total funds - common stock   | 0.00                      | 347,160,251.44 | 200,412,534.42 | 146,747,717.02 |                      | 0.00        | 146,747,717.02 | 347,160,251.44                  | 46.321% |
|                              |                           |                |                |                |                      |             |                |                                 |         |
| Total equities               | 23,863.13                 | 415,423,913.76 | 252,884,572.01 | 162,539,341.75 |                      | 0.00        | 162,539,341.75 | 415,447,776.89                  | 55.432% |
| Fixed Income                 |                           |                |                |                |                      |             |                |                                 |         |
| Funds - corporate bond       |                           |                |                |                |                      |             |                |                                 |         |
| United States - USD          | 0.00                      | 120,142,822.48 | 101,941,823.88 | 18,200,998.60  |                      | 0.00        | 18,200,998.60  | 120,142,822.48                  | 16.030% |
| Total funds - corporate bond | 0.00                      | 120,142,822.48 | 101,941,823.88 | 18,200,998.60  |                      | 0.00        | 18,200,998.60  | 120,142,822.48                  | 16.030% |
|                              |                           |                |                |                |                      |             |                |                                 |         |
| Funds - other fixed income   |                           |                |                |                |                      |             |                |                                 |         |
| United States - USD          | 108,906.52                | 51,666,675.40  | 49,373,958.73  | 2,292,716.67   |                      | 0.00        | 2,292,716.67   | 51,775,581.92                   | 6.908%  |

## ◆ Asset Summary

| Country                                       | Accrued<br>income/expense | Market value         | Cost                 | Market               | Unrealized gain/loss<br>Translation | Total                | Market values<br>incl. accruals | %             |
|-----------------------------------------------|---------------------------|----------------------|----------------------|----------------------|-------------------------------------|----------------------|---------------------------------|---------------|
| <i>Fixed Income</i>                           |                           |                      |                      |                      |                                     |                      |                                 |               |
| <b>Total funds - other fixed income</b>       | <b>108,906.52</b>         | <b>51,666,675.40</b> | <b>49,373,958.73</b> | <b>2,292,716.67</b>  | <b>0.00</b>                         | <b>2,292,716.67</b>  | <b>51,775,581.92</b>            | <b>6.908%</b> |
| <i>Real Estate</i>                            |                           |                      |                      |                      |                                     |                      |                                 |               |
| <b>Real estate</b>                            |                           |                      |                      |                      |                                     |                      |                                 |               |
| United States - USD                           | 0.00                      | 33,895,124.48        | 24,169,511.62        | 9,725,612.86         | 0.00                                | 9,725,612.86         | 33,895,124.48                   | 4.523%        |
| <b>Total real estate</b>                      | <b>0.00</b>               | <b>33,895,124.48</b> | <b>24,169,511.62</b> | <b>9,725,612.86</b>  | <b>0.00</b>                         | <b>9,725,612.86</b>  | <b>33,895,124.48</b>            | <b>4.523%</b> |
| <i>Venture Capital and Partnerships</i>       |                           |                      |                      |                      |                                     |                      |                                 |               |
| <b>Partnerships</b>                           |                           |                      |                      |                      |                                     |                      |                                 |               |
| United States - USD                           | 0.00                      | 70,884,572.00        | 32,810,339.44        | 38,074,232.56        | 0.00                                | 38,074,232.56        | 70,884,572.00                   | 9.458%        |
| <b>Total partnerships</b>                     | <b>0.00</b>               | <b>70,884,572.00</b> | <b>32,810,339.44</b> | <b>38,074,232.56</b> | <b>0.00</b>                         | <b>38,074,232.56</b> | <b>70,884,572.00</b>            | <b>9.458%</b> |
| <b>Total venture capital and partnerships</b> | <b>0.00</b>               | <b>70,884,572.00</b> | <b>32,810,339.44</b> | <b>38,074,232.56</b> | <b>0.00</b>                         | <b>38,074,232.56</b> | <b>70,884,572.00</b>            | <b>9.458%</b> |
| <i>Hedge Fund</i>                             |                           |                      |                      |                      |                                     |                      |                                 |               |
| <b>Hedge equity</b>                           |                           |                      |                      |                      |                                     |                      |                                 |               |
| United States - USD                           | 0.00                      | 49,493,467.00        | 34,139,000.00        | 15,354,467.00        | 0.00                                | 15,354,467.00        | 49,493,467.00                   | 6.604%        |
| <b>Total hedge equity</b>                     | <b>0.00</b>               | <b>49,493,467.00</b> | <b>34,139,000.00</b> | <b>15,354,467.00</b> | <b>0.00</b>                         | <b>15,354,467.00</b> | <b>49,493,467.00</b>            | <b>6.604%</b> |

## ◆ Asset Summary

| Country                                    | Accrued<br>income/expense | Market value         | Cost                 | Market               | Unrealized gain/loss<br>Translation | Total                | Market values<br>incl. accruals | %              |
|--------------------------------------------|---------------------------|----------------------|----------------------|----------------------|-------------------------------------|----------------------|---------------------------------|----------------|
| <i>Hedge Fund</i>                          |                           |                      |                      |                      |                                     |                      |                                 |                |
| <b>Total hedge fund</b>                    | <b>0.00</b>               | <b>49,493,467.00</b> | <b>34,139,000.00</b> | <b>15,354,467.00</b> | <b>0.00</b>                         | <b>15,354,467.00</b> | <b>49,493,467.00</b>            | <b>6.604%</b>  |
| <i>Cash and Cash Equivalents</i>           |                           |                      |                      |                      |                                     |                      |                                 |                |
| <b>Currency</b>                            |                           |                      |                      |                      |                                     |                      |                                 |                |
| Currency                                   | -56,016.04                | 0.00                 | 0.00                 | 0.00                 | 0.00                                | 0.00                 | -56,016.04                      | -0.007%        |
| <b>Total currency</b>                      | <b>-56,016.04</b>         | <b>0.00</b>          | <b>0.00</b>          | <b>0.00</b>          | <b>0.00</b>                         | <b>0.00</b>          | <b>-56,016.04</b>               | <b>-0.007%</b> |
| <b>Funds - short term investment</b>       |                           |                      |                      |                      |                                     |                      |                                 |                |
| Funds - Short Term Investment              | 0.00                      | 7,380,715.25         | 7,380,715.25         | 0.00                 | 0.00                                | 0.00                 | 7,380,715.25                    | 0.985%         |
| <b>Total funds - short term investment</b> | <b>0.00</b>               | <b>7,380,715.25</b>  | <b>7,380,715.25</b>  | <b>0.00</b>          | <b>0.00</b>                         | <b>0.00</b>          | <b>7,380,715.25</b>             | <b>0.985%</b>  |
| <b>Total cash and cash equivalents</b>     |                           |                      |                      |                      |                                     |                      |                                 |                |
|                                            | <b>-56,016.04</b>         | <b>7,380,715.25</b>  | <b>7,380,715.25</b>  | <b>0.00</b>          | <b>0.00</b>                         | <b>0.00</b>          | <b>7,324,699.21</b>             | <b>0.977%</b>  |
| <i>Adjustments To Cash</i>                 |                           |                      |                      |                      |                                     |                      |                                 |                |
| <b>Pending trade purchases</b>             |                           |                      |                      |                      |                                     |                      |                                 |                |
| Pending trade purchases                    | 0.00                      | -377,140.59          | -377,140.59          | 0.00                 | 0.00                                | 0.00                 | -377,140.59                     | -0.050%        |
| <b>Total pending trade purchases</b>       | <b>0.00</b>               | <b>-377,140.59</b>   | <b>-377,140.59</b>   | <b>0.00</b>          | <b>0.00</b>                         | <b>0.00</b>          | <b>-377,140.59</b>              | <b>-0.050%</b> |
| <b>Pending trade sales</b>                 |                           |                      |                      |                      |                                     |                      |                                 |                |
| Pending trade sales                        | 0.00                      | 540,048.52           | 540,048.52           | 0.00                 | 0.00                                | 0.00                 | 540,048.52                      | 0.072%         |
| <b>Total pending trade sales</b>           | <b>0.00</b>               | <b>540,048.52</b>    | <b>540,048.52</b>    | <b>0.00</b>          | <b>0.00</b>                         | <b>0.00</b>          | <b>540,048.52</b>               | <b>0.072%</b>  |

## Other receivables

◆ Asset Summary

| Description                      | Accrued<br>income/expense | Market value          | Cost                  | Market                | Unrealized gain/loss<br>Translation | Total                 | Market values<br>incl. accruals | %               |
|----------------------------------|---------------------------|-----------------------|-----------------------|-----------------------|-------------------------------------|-----------------------|---------------------------------|-----------------|
| <i>Adjustments To Cash</i>       |                           |                       |                       |                       |                                     |                       |                                 |                 |
| Other Receivables                | 0.00                      | 342,777.25            | 342,777.25            | 0.00                  | 0.00                                | 0.00                  | 342,777.25                      | 0.046%          |
| <b>Total other receivables</b>   | <b>0.00</b>               | <b>342,777.25</b>     | <b>342,777.25</b>     | <b>0.00</b>           | <b>0.00</b>                         | <b>0.00</b>           | <b>342,777.25</b>               | <b>0.046%</b>   |
|                                  |                           |                       |                       |                       |                                     |                       |                                 |                 |
| <b>Other payables</b>            |                           |                       |                       |                       |                                     |                       |                                 |                 |
| Other Payables                   | 0.00                      | -459.95               | -459.95               | 0.00                  | 0.00                                | 0.00                  | -459.95                         | 0.000%          |
| <b>Total other payables</b>      | <b>0.00</b>               | <b>-459.95</b>        | <b>-459.95</b>        | <b>0.00</b>           | <b>0.00</b>                         | <b>0.00</b>           | <b>-459.95</b>                  | <b>0.000%</b>   |
|                                  |                           |                       |                       |                       |                                     |                       |                                 |                 |
| <b>Total adjustments to cash</b> | <b>0.00</b>               | <b>505,225.23</b>     | <b>505,225.23</b>     | <b>0.00</b>           | <b>0.00</b>                         | <b>0.00</b>           | <b>505,225.23</b>               | <b>0.067%</b>   |
| <b>Total Unrealized Gains</b>    |                           |                       |                       |                       |                                     | <b>247,282,643.40</b> |                                 |                 |
| <b>Total Unrealized Losses</b>   |                           |                       |                       |                       |                                     | <b>-1,095,273.96</b>  |                                 |                 |
| <b>Total</b>                     | <b>76,753.61</b>          | <b>749,392,515.60</b> | <b>503,205,146.16</b> | <b>246,187,369.44</b> | <b>0.00</b>                         | <b>246,187,369.44</b> | <b>749,469,269.21</b>           | <b>100.000%</b> |

Total Cost incl. Accruals 503,281,899.77

Total Units8,256,980.74

NAV\$90.767957

Although this report has been prepared using information believed to be reliable, it may contain information provided by third parties or derived from third party information, and/or information that may have been obtained from, categorized or otherwise reported based upon client direction. The Northern Trust Company does not guarantee the accuracy, timeliness or completeness of any such information. The information included in this report is intended to assist clients with their financial reporting needs, but you must consult with your accountants, auditors and/or legal counsel to ensure your accounting and financial reporting complies with applicable laws, regulations and accounting guidance. The Northern Trust Company and its affiliates shall have no responsibility for the consequences of investment decisions made in reliance on information contained in this report.

**Oklahoma Municipal Retirement Fund**  
**Defined Benefit Plans**  
**Ownership by Plans**  
**June 30, 2021**

| Plan Name               | Units<br>End of Month | Beginning<br>of Month<br>Market Value | Net Monthly<br>Increase/<br>Decrease | 6/30/2021<br>Market Value | 12/31/2020<br>Market Value | 12/31/2019<br>Market Value | 12/31/2018<br>Market Value |
|-------------------------|-----------------------|---------------------------------------|--------------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
| Town of Adair           | 4,254.40              | \$ 382,339.80                         | \$ 3,823.49                          | \$ 386,163.29             | \$ 362,374.27              | \$ 308,858.28              | \$ 251,856.44              |
| City of Altus           | 282,587.92            | 25,502,470.29                         | 147,457.93                           | 25,649,928.22             | 24,301,650.00              | 22,297,601.82              | 19,105,125.08              |
| City of Alva            | 63,505.87             | 5,717,969.20                          | 46,328.94                            | 5,764,298.14              | 5,287,128.26               | 4,572,288.55               | 3,762,509.78               |
| City of Antlers         | 19,824.55             | 1,785,563.08                          | 13,870.77                            | 1,799,433.85              | 1,653,816.62               | 1,458,192.76               | 1,212,938.10               |
| City of Ardmore         | 492,395.40            | 44,403,641.91                         | 290,082.59                           | 44,693,724.50             | 41,199,766.29              | 35,792,729.96              | 29,374,624.97              |
| City of Bartlesville    | 296,107.79            | 26,687,367.06                         | 189,731.73                           | 26,877,098.79             | 24,819,815.57              | 21,754,947.32              | 18,132,450.66              |
| City of Bartlesville RM | 7,225.92              | 650,705.44                            | 5,176.97                             | 655,882.41                | 603,761.29                 | 559,365.91                 | 490,907.24                 |
| City of Bethany         | 375,022.33            | 33,855,139.23                         | 184,871.39                           | 34,040,010.62             | 31,826,378.89              | 28,616,108.52              | 24,539,284.79              |
| Bethany/Warr Acres PWA  | 37,621.32             | 3,397,092.75                          | 17,717.51                            | 3,414,810.26              | 3,194,658.88               | 2,847,217.66               | 2,413,579.71               |
| Town of Billings        | 3,221.27              | 289,896.74                            | 2,491.79                             | 292,388.53                | 268,170.20                 | 324,267.96                 | 270,820.37                 |
| Town of Binger          | 3,058.76              | 276,366.05                            | 1,271.77                             | 277,637.82                | 261,221.50                 | 245,185.12                 | 202,053.49                 |
| City of Blackwell       | 74,327.34             | 6,696,146.22                          | 50,394.43                            | 6,746,540.65              | 6,345,991.33               | 6,486,538.14               | 5,524,456.38               |
| Town of Blair           | 8,310.43              | 746,702.24                            | 7,618.56                             | 754,320.80                | 684,748.06                 | 577,439.73                 | 466,096.83                 |
| City of Boise City      | 22,204.68             | 2,001,219.37                          | 14,254.01                            | 2,015,473.38              | 1,883,287.80               | 1,726,311.06               | 1,513,384.29               |
| Town of Bokchito        | 2,417.77              | 219,181.38                            | 274.59                               | 219,455.97                | 199,432.61                 | 167,705.09                 | 140,945.34                 |
| Town of Braman          | 2,039.06              | 187,060.96                            | (1,979.46)                           | 185,081.50                | 183,517.11                 | 189,562.86                 | 202,866.02                 |
| City of Bristow         | 50,978.71             | 4,601,284.82                          | 25,948.57                            | 4,627,233.39              | 4,323,027.44               | 3,887,117.84               | 3,383,820.93               |
| City of Broken Bow      | 92,589.42             | 8,325,803.33                          | 78,348.97                            | 8,404,152.30              | 7,664,768.90               | 6,593,814.55               | 5,394,665.05               |
| Town of Buffalo         | 13,768.17             | 1,243,359.68                          | 6,349.42                             | 1,249,709.10              | 1,170,854.49               | 1,070,779.20               | 941,013.12                 |
| Town of Burns Flat      | 11,309.01             | 1,018,600.19                          | 7,895.90                             | 1,026,496.09              | 947,979.95                 | 840,119.05                 | 704,955.97                 |
| Town of Calera          | 17,020.97             | 1,530,642.87                          | 14,316.06                            | 1,544,958.93              | 1,408,033.69               | 1,193,332.11               | 962,691.89                 |
| Central Oklahoma MCD    | 27,480.92             | 2,475,267.34                          | 19,119.23                            | 2,494,386.57              | 2,321,754.29               | 2,050,319.54               | 1,725,818.11               |
| City of Chandler        | 47,560.45             | 4,274,975.81                          | 41,989.35                            | 4,316,965.16              | 3,923,358.05               | 3,330,581.64               | 2,685,207.42               |
| City of Checotah        | 37,196.92             | 3,345,354.43                          | 30,934.21                            | 3,376,288.64              | 3,074,050.37               | 2,667,338.19               | 2,182,263.74               |
| City of Cherokee        | 5,921.37              | 530,072.00                            | 7,399.02                             | 537,471.02                | 494,163.16                 | 450,807.09                 | 362,821.89                 |
| City of Chickasha       | 231,923.13            | 20,957,798.74                         | 93,389.95                            | 21,051,188.69             | 19,767,539.33              | 18,021,288.78              | 15,683,091.19              |
| Town of Chouteau        | 149.19                | 13,488.15                             | 53.65                                | 13,541.80                 | 12,775.54                  | 11,782.53                  | 9,700.98                   |
| City of Claremore       | 254,422.32            | 22,908,913.96                         | 184,479.83                           | 23,093,393.79             | 21,476,719.07              | 19,137,057.05              | 16,823,070.71              |
| Town Cleo Springs       | 2,504.14              | 228,225.07                            | (929.48)                             | 227,295.59                | 224,754.94                 | 228,525.17                 | 202,377.83                 |
| City of Cleveland       | 37,305.56             | 3,375,836.05                          | 10,313.04                            | 3,386,149.09              | 3,212,835.69               | 2,931,928.21               | 2,493,709.04               |
| City of Clinton         | 190,154.58            | 17,158,319.28                         | 101,623.21                           | 17,259,942.49             | 16,071,036.79              | 14,333,150.33              | 12,399,606.65              |
| City of Collinsville    | 50,749.61             | 4,563,174.92                          | 43,263.39                            | 4,606,438.31              | 4,192,153.64               | 3,577,602.37               | 2,920,889.66               |
| Town of Copan           | 1,159.24              | 105,255.58                            | (34.08)                              | 105,221.50                | 96,542.98                  | 75,836.81                  | 57,720.36                  |
| City of Cordell         | 71,073.84             | 6,421,232.36                          | 29,994.58                            | 6,451,226.94              | 6,024,133.78               | 5,450,735.89               | 4,697,308.54               |
| City of Cushing         | 282,274.39            | 25,515,572.96                         | 105,896.79                           | 25,621,469.75             | 24,143,862.79              | 22,131,487.39              | 19,273,022.38              |
| City of Davis           | 32,311.80             | 2,916,129.60                          | 16,746.13                            | 2,932,875.73              | 2,719,658.97               | 2,375,466.61               | 2,030,800.43               |
| City of Del City        | 253,453.56            | 22,825,866.09                         | 179,595.51                           | 23,005,461.60             | 21,321,583.61              | 19,083,328.56              | 16,308,937.73              |
| City of Dewey           | 29,602.02             | 2,664,754.64                          | 22,160.48                            | 2,686,915.12              | 2,459,499.18               | 2,104,816.00               | 1,737,342.54               |
| City of Drumright       | 34,364.86             | 3,097,420.42                          | 21,807.48                            | 3,119,227.90              | 2,904,837.48               | 2,656,969.90               | 2,330,920.97               |
| City of Durant          | 339,987.66            | 30,660,058.65                         | 199,926.89                           | 30,859,985.54             | 28,653,755.32              | 25,409,995.26              | 21,536,233.67              |
| City of El Reno         | 85,675.57             | 7,705,590.89                          | 71,005.92                            | 7,776,596.81              | 7,094,392.17               | 6,060,460.06               | 4,406,126.51               |
| City of Eufaula         | 18,886.51             | 1,703,027.71                          | 11,261.97                            | 1,714,289.68              | 1,591,105.62               | 1,413,490.33               | 1,233,981.51               |
| City of Fairfax         | -                     | -                                     | -                                    | -                         | -                          | -                          | 250,989.55                 |
| Town of Fort Cobb       | 3,347.01              | 306,129.43                            | (2,327.98)                           | 303,801.45                | 287,317.16                 | 260,051.07                 | 227,455.62                 |
| Foss Reservoir PWA      | 12,965.89             | 1,165,807.26                          | 11,079.69                            | 1,176,886.95              | 1,091,733.72               | 994,190.49                 | 857,959.68                 |
| City of Frederick       | 62,617.63             | 5,644,235.94                          | 39,438.45                            | 5,683,674.39              | 5,291,788.55               | 4,625,641.46               | 3,847,187.18               |
| City of Garber          | 1,846.20              | 164,626.89                            | 2,949.04                             | 167,575.93                | 144,823.03                 | 110,995.79                 | 80,111.62                  |
| City of Geary           | 23,531.91             | 2,124,966.27                          | 10,977.17                            | 2,135,943.44              | 1,967,750.63               | 1,715,697.63               | 1,411,498.22               |
| Town of Goodwell        | 4,300.31              | 388,375.69                            | 1,954.51                             | 390,330.20                | 362,994.37                 | 316,358.97                 | 272,753.23                 |
| Town of Gore            | 12,941.28             | 1,162,889.97                          | 11,763.62                            | 1,174,653.59              | 1,067,536.50               | 893,361.51                 | 699,470.78                 |
| Town of Granite         | 23,271.16             | 2,103,616.89                          | 8,658.69                             | 2,112,275.58              | 1,954,089.78               | 1,754,170.19               | 1,506,143.56               |
| City of Guthrie         | 93,819.01             | 8,460,907.97                          | 54,851.87                            | 8,515,759.84              | 7,869,196.75               | 6,900,725.50               | 5,816,635.39               |
| City of Guymon          | 81,859.31             | 7,396,970.28                          | 33,231.62                            | 7,430,201.90              | 6,997,038.59               | 6,374,153.00               | 5,586,011.47               |
| City of Harrah          | 42,889.29             | 3,850,540.72                          | 42,432.87                            | 3,892,973.59              | 3,561,360.62               | 3,015,384.86               | 2,440,134.76               |
| City of Healdton        | 22,883.25             | 2,062,211.89                          | 14,854.10                            | 2,077,065.99              | 1,912,107.46               | 1,665,521.34               | 1,393,673.92               |
| City of Henryetta       | 53,437.58             | 4,802,664.25                          | 47,755.31                            | 4,850,419.56              | 4,403,901.24               | 3,708,551.50               | 3,097,387.23               |
| City of Hooker          | 17,669.26             | 1,592,612.97                          | 11,189.94                            | 1,603,802.91              | 1,488,825.93               | 1,288,410.50               | 1,065,365.50               |
| Town of Hulbert         | 11,683.37             | 1,057,892.67                          | 2,582.67                             | 1,060,475.34              | 962,264.79                 | 792,545.46                 | 623,982.83                 |
| Town of Hydro           | 5,050.24              | 455,658.71                            | 2,741.61                             | 458,400.32                | 431,563.41                 | 389,568.37                 | 336,286.98                 |
| Town of Kansas          | 1,930.22              | 171,736.39                            | 3,465.94                             | 175,202.33                | 162,055.69                 | 142,775.44                 | 118,419.25                 |
| Town of Kiefer          | 2,337.77              | 211,745.72                            | 448.59                               | 212,194.31                | 187,984.97                 | 146,192.57                 | 98,176.04                  |
| Town of Kingston        | 9,951.04              | 897,680.64                            | 5,554.56                             | 903,235.20                | 829,696.97                 | 741,477.43                 | 626,875.48                 |
| City of Krebs           | 7,827.08              | 701,866.31                            | 8,581.75                             | 710,448.06                | 641,660.29                 | 546,127.50                 | 441,198.64                 |
| Town of Laverne         | 19,448.62             | 1,751,256.54                          | 14,054.91                            | 1,765,311.45              | 1,624,239.41               | 1,417,611.41               | 1,186,832.06               |
| City of Lindsay         | 69,520.36             | 6,274,425.40                          | 35,795.75                            | 6,310,221.15              | 5,856,424.18               | 5,191,584.21               | 4,372,693.96               |
| City of Madill          | 46,811.61             | 4,194,195.12                          | 54,798.68                            | 4,248,993.80              | 3,865,325.30               | 3,351,652.99               | 2,802,339.24               |
| Town of Mannford        | 46,293.03             | 4,162,840.46                          | 39,083.31                            | 4,201,923.77              | 3,831,003.93               | 3,329,701.33               | 2,850,895.35               |
| Town of Mannford RM     | 750.55                | 68,208.75                             | (82.74)                              | 68,126.01                 | 66,323.49                  | 64,914.97                  | 59,755.05                  |
| City of Marietta        | 17,577.94             | 1,578,641.71                          | 16,871.89                            | 1,595,513.60              | 1,464,994.61               | 1,276,004.33               | 1,094,205.87               |
| Marietta PWA            | 6,985.28              | 628,687.33                            | 5,352.52                             | 634,039.85                | 578,808.30                 | 499,377.34                 | 413,684.51                 |



**Oklahoma Municipal Retirement Fund**  
**Defined Benefit Plans**  
**Ownership by Plans**  
**June 30, 2021**

| Plan Name              | Units<br>End of Month | Beginning<br>of Month<br>Market Value | Net Monthly<br>Increase/<br>Decrease | 6/30/2021<br>Market Value | 12/31/2020<br>Market Value | 12/31/2019<br>Market Value | 12/31/2018<br>Market Value |
|------------------------|-----------------------|---------------------------------------|--------------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|
| City of McLoud         | 12,335.47             | 1,107,730.38                          | 11,935.18                            | 1,119,665.56              | 1,009,696.40               | 850,445.59                 | 690,368.13                 |
| City of Medford        | 49,772.11             | 4,479,962.96                          | 37,749.90                            | 4,517,712.86              | 4,147,988.74               | 3,617,878.80               | 2,983,625.33               |
| Town of Meeker         | 10,108.09             | 913,930.52                            | 3,559.81                             | 917,490.33                | 851,586.23                 | 765,242.40                 | 662,177.43                 |
| City of Miami          | 161,655.05            | 14,576,350.14                         | 96,748.50                            | 14,673,098.64             | 13,545,373.52              | 11,921,161.42              | 10,108,138.85              |
| Town of Mooreland      | 19,194.55             | 1,733,604.72                          | 8,645.16                             | 1,742,249.88              | 1,630,563.48               | 1,475,347.60               | 1,278,657.41               |
| Mountain Park MCD      | 14,089.46             | 1,279,396.66                          | (525.16)                             | 1,278,871.50              | 1,187,725.21               | 1,080,760.29               | 928,348.34                 |
| Town of Muldrow        | 32,055.12             | 2,873,524.73                          | 36,053.09                            | 2,909,577.82              | 2,691,871.03               | 2,405,797.33               | 2,019,895.90               |
| City of Muskogee       | 525.48                | 47,537.33                             | 159.23                               | 47,696.56                 | 45,426.32                  | 42,487.05                  | 37,803.01                  |
| City of Mustang        | 110,018.82            | 9,899,231.10                          | 86,952.43                            | 9,986,183.53              | 9,114,004.75               | 7,887,002.46               | 6,566,355.27               |
| City of Newkirk        | 15,324.05             | 1,391,531.06                          | (598.27)                             | 1,390,932.79              | 1,331,492.81               | 1,279,498.08               | 1,164,068.17               |
| City of Nichols Hills  | 152,281.84            | 13,712,053.38                         | 110,258.15                           | 13,822,311.53             | 12,836,303.09              | 11,302,402.25              | 9,674,739.36               |
| City of Noble          | 35,963.49             | 3,228,934.38                          | 35,398.09                            | 3,264,332.47              | 2,946,250.25               | 2,498,653.34               | 2,004,758.28               |
| City of Norman         | 2,369.80              | 152,677.55                            | 62,424.31                            | 215,101.86                | 162,164.30                 | 192,326.84                 | 207,988.51                 |
| City of Nowata         | 34,338.79             | 3,091,904.98                          | 24,956.88                            | 3,116,861.86              | 2,859,107.24               | 2,466,632.05               | 2,067,277.05               |
| City of Oilton         | 6,148.08              | 555,509.29                            | 2,539.59                             | 558,048.88                | 523,604.69                 | 472,065.77                 | 394,489.70                 |
| OkMRF                  | 24,637.38             | 2,208,742.06                          | 27,542.20                            | 2,236,284.26              | 1,994,654.09               | 1,614,591.78               | 1,240,540.66               |
| Town of Okeene         | 16,293.15             | 1,469,796.54                          | 9,099.58                             | 1,478,896.12              | 1,383,862.16               | 1,240,038.99               | 1,030,433.33               |
| City of Okemah         | 25,560.98             | 2,291,330.38                          | 28,787.58                            | 2,320,117.96              | 2,121,535.79               | 1,776,212.09               | 1,398,999.40               |
| OML                    | 101,329.09            | 9,140,795.16                          | 56,639.19                            | 9,197,434.35              | 8,559,637.78               | 7,780,425.00               | 6,919,790.47               |
| City of Okmulgee       | 243,609.26            | 21,971,198.31                         | 140,716.20                           | 22,111,914.51             | 20,536,020.67              | 18,237,841.72              | 15,505,144.37              |
| City of Owasso         | 286,107.72            | 25,730,453.97                         | 238,959.46                           | 25,969,413.43             | 23,682,462.55              | 20,149,982.50              | 16,338,949.47              |
| City of Pawnee         | 43,774.49             | 3,943,744.87                          | 29,575.94                            | 3,973,320.81              | 3,683,099.90               | 3,233,859.14               | 2,652,256.87               |
| City of Perkins        | 18,237.52             | 1,641,644.69                          | 13,737.79                            | 1,655,382.48              | 1,519,382.64               | 1,357,000.10               | 1,111,305.05               |
| City of Perry          | 62,626.89             | 5,633,217.05                          | 51,297.95                            | 5,684,515.00              | 5,394,273.46               | 4,808,826.81               | 3,986,968.99               |
| City of Piedmont       | 9,180.13              | 818,377.10                            | 14,884.74                            | 833,261.84                | 732,349.13                 | 554,553.61                 | 394,746.41                 |
| City of Pond Creek     | 20,556.96             | 1,839,821.09                          | 26,092.29                            | 1,865,913.38              | 1,717,878.92               | 1,436,890.67               | 1,082,696.62               |
| Town of Porum          | 6,639.84              | 596,207.99                            | 6,476.83                             | 602,684.82                | 545,347.69                 | 453,716.85                 | 351,084.06                 |
| City of Poteau         | 96,165.05             | 8,711,296.37                          | 17,409.08                            | 8,728,705.45              | 8,206,149.92               | 7,425,478.72               | 6,379,557.39               |
| Town of Ratliff City   | 2,379.69              | 213,820.00                            | 2,179.48                             | 215,999.48                | 195,453.77                 | 164,021.92                 | 134,100.21                 |
| Town of Ringling       | 2,731.83              | 245,878.26                            | 2,084.09                             | 247,962.35                | 226,976.15                 | 199,537.07                 | 165,569.62                 |
| Town of Roland         | 21,813.10             | 1,911,195.75                          | 68,735.07                            | 1,979,930.82              | 1,786,391.45               | 1,481,144.00               | 1,175,410.82               |
| City of Sallisaw       | 237,356.52            | 21,389,507.61                         | 154,858.49                           | 21,544,366.10             | 19,832,085.41              | 17,314,348.43              | 14,511,651.85              |
| Town of Seiling        | 14,541.57             | 1,308,856.68                          | 11,051.88                            | 1,319,908.56              | 1,210,401.28               | 1,053,439.63               | 900,506.08                 |
| City of Shawnee        | 479,946.36            | 43,376,884.30                         | 186,866.16                           | 43,563,750.46             | 41,138,360.35              | 38,238,231.22              | 33,999,468.39              |
| City of Skiatook       | 29,971.72             | 2,681,450.39                          | 39,021.61                            | 2,720,472.00              | 2,363,982.22               | 1,833,308.89               | 1,303,975.91               |
| City of Spencer        | 15,903.47             | 1,432,381.25                          | 11,144.17                            | 1,443,525.42              | 1,333,949.92               | 1,178,611.80               | 999,300.00                 |
| Town of Spiro          | 16,766.27             | 1,511,647.55                          | 10,192.09                            | 1,521,839.64              | 1,405,420.41               | 1,240,951.15               | 1,049,946.20               |
| City of Stillwater     | 0.00                  | -                                     | -                                    | -                         | 12,270,143.46              | 10,696,292.33              | 8,900,999.17               |
| City of Stilwell       | 126,268.45            | 11,409,524.51                         | 51,604.72                            | 11,461,129.23             | 10,770,773.24              | 9,833,106.26               | 8,564,700.48               |
| Town of Stratford      | 4,748.68              | 427,535.53                            | 3,492.33                             | 431,027.86                | 396,334.53                 | 344,722.30                 | 288,946.64                 |
| City of Stroud         | 53,488.07             | 4,821,456.53                          | 33,546.68                            | 4,855,003.21              | 4,464,890.41               | 3,915,086.33               | 3,280,405.09               |
| City of Sulphur        | 75,744.76             | 6,820,762.53                          | 54,435.00                            | 6,875,197.53              | 6,376,154.45               | 5,627,793.25               | 4,793,149.43               |
| Town of Talihina       | 11,960.31             | 1,073,185.29                          | 12,427.48                            | 1,085,612.77              | 985,307.98                 | 854,424.66                 | 713,531.21                 |
| City of Tecumseh       | 1,804.17              | 163,897.15                            | (136.51)                             | 163,760.64                | 141,508.83                 | 126,021.33                 | 113,854.72                 |
| City of Thomas         | 13,420.83             | 1,211,942.75                          | 6,238.19                             | 1,218,180.94              | 1,136,319.39               | 1,020,043.53               | 885,791.46                 |
| Town of Tipton         | 4,198.67              | 374,461.38                            | 6,642.91                             | 381,104.29                | 339,394.86                 | 288,189.40                 | 230,814.06                 |
| City of Tishomingo     | 7,522.12              | 675,690.31                            | 7,077.00                             | 682,767.31                | 624,396.56                 | 539,110.73                 | 441,600.47                 |
| City of Tonkawa        | 38,666.78             | 3,482,803.38                          | 26,901.60                            | 3,509,704.98              | 3,252,593.87               | 2,885,111.44               | 2,470,022.91               |
| Town of Valliant       | 308.11                | 24,392.01                             | 3,574.66                             | 27,966.67                 | 5,874.88                   | -                          | -                          |
| Town of Velma          | 4,567.53              | 412,001.14                            | 2,583.81                             | 414,584.95                | 384,973.56                 | 344,066.56                 | 296,648.82                 |
| Town of Vian           | 5,565.68              | 507,067.12                            | (1,881.34)                           | 505,185.78                | 448,146.77                 | 365,745.88                 | 274,892.60                 |
| City of Vinita         | 112,217.66            | 10,129,419.12                         | 56,348.68                            | 10,185,767.80             | 9,512,689.34               | 8,784,014.62               | 7,594,982.74               |
| Town of Wakita         | 2,919.18              | 263,628.37                            | 1,339.33                             | 264,967.70                | 248,210.60                 | 227,220.27                 | 203,088.65                 |
| City of Warr Acres     | 119,551.96            | 10,811,186.33                         | 40,300.84                            | 10,851,487.17             | 10,139,615.97              | 9,157,219.99               | 7,842,797.34               |
| City of Watonga        | 61,581.14             | 5,552,140.08                          | 37,454.61                            | 5,589,594.69              | 5,185,511.66               | 4,633,773.16               | 3,918,716.61               |
| Town of Waukomis       | 6,711.58              | 600,040.84                            | 9,155.33                             | 609,196.17                | 557,610.78                 | 490,181.65                 | 416,560.25                 |
| City of Waurika        | 15,560.70             | 1,404,612.08                          | 7,801.04                             | 1,412,413.12              | 1,315,462.50               | 1,176,539.39               | 1,005,383.48               |
| City of Weatherford    | 89,313.65             | 8,022,393.01                          | 84,424.88                            | 8,106,817.89              | 7,443,651.09               | 6,403,233.13               | 5,216,443.30               |
| City of Weatherford RM | 1,423.30              | 127,965.49                            | 1,224.66                             | 129,190.15                | 118,766.77                 | 113,286.79                 | 86,011.65                  |
| Town of Webbers Falls  | 2,873.38              | 257,963.00                            | 2,847.80                             | 260,810.80                | 237,234.96                 | 204,088.80                 | 163,816.13                 |
| Town of Wellston       | 7,987.59              | 719,570.05                            | 5,446.83                             | 725,016.88                | 663,870.98                 | 572,709.75                 | 518,034.66                 |
| Westville Utility Auth | 9,104.46              | 813,091.05                            | 13,302.32                            | 826,393.37                | 796,079.94                 | 673,407.31                 | 597,691.34                 |
| City of Wetumka        | 20,089.15             | 1,815,327.27                          | 8,123.69                             | 1,823,450.96              | 1,719,560.48               | 1,626,012.31               | 1,481,181.07               |
| City of Wilburton      | 3,029.50              | 269,387.02                            | 5,594.32                             | 274,981.34                | 229,875.82                 | 161,276.28                 | 98,660.77                  |
| City of Yale           | 21,434.71             | 1,924,473.75                          | 21,111.30                            | 1,945,585.05              | 1,784,340.87               | 1,576,027.60               | 1,344,613.08               |
| City of Yukon          | 385,114.51            | 34,717,379.93                         | 238,677.35                           | 34,956,057.28             | 32,317,835.03              | 28,438,754.57              | 23,992,290.86              |
| Rounding               |                       | 2.44                                  | (5.84)                               | (3.40)                    | (4.22)                     | 1.75                       | 2.75                       |
| Totals                 | 8,256,980.74          | 744,291,705.44                        | \$ 5,177,563.77                      | \$ 749,469,269.21         | 707,593,664.67             | 628,633,373.09             | 532,826,845.93             |
| Unit Values            |                       |                                       |                                      | \$ 90.77                  | \$ 83.55                   | \$ 72.82                   | \$ 60.59                   |

**Oklahoma Municipal Retirement Fund  
Defined Benefit Plans as of June, 2021**

| City                        | 12/31/19<br>Mkt.Val | 12/31/20<br>Mkt.Val | 5/31/21<br>Mkt.Val | 6/30/21<br>Mkt.Val | Monthly<br>Dollars | Units<br>BOM | Units<br>New | Units<br>EOM |
|-----------------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------|--------------|--------------|
| Totals                      | 628,633,554.59      | 707,593,669.03      | 744,291,703.21     | 749,469,272.86     | -738,094.65        | 8,265,177.10 | -8,196.36    | 8,256,980.74 |
| Unit Values                 | 72.823507           | 83.554884           | 90.051513          | 90.767957          |                    |              |              |              |
| Adair                       | 308,858.28          | 362,374.26          | 382,339.80         | 386,163.29         | 775.45             | 4,245.79     | 8.61         | 4,254.40     |
| Altus                       | 22,297,601.83       | 24,301,650.00       | 25,502,470.30      | 25,649,928.23      | -55,000.49         | 283,198.69   | -610.77      | 282,587.92   |
| Alva                        | 4,572,288.55        | 5,287,128.26        | 5,717,969.20       | 5,764,298.14       | 830.54             | 63,496.65    | 9.22         | 63,505.87    |
| Antlers                     | 1,458,192.76        | 1,653,816.62        | 1,785,563.08       | 1,799,433.85       | -332.41            | 19,828.24    | -3.69        | 19,824.55    |
| Ardmore                     | 35,792,913.07       | 41,199,766.28       | 44,403,641.90      | 44,693,724.49      | -62,691.14         | 493,091.57   | -696.17      | 492,395.40   |
| Bartlesville                | 21,754,947.32       | 24,819,815.57       | 26,687,367.06      | 26,877,098.78      | -22,412.92         | 296,356.68   | -248.89      | 296,107.79   |
| Bartlesville HP             | 559,365.91          | 603,761.29          | 650,705.44         | 655,882.41         | 0.00               | 7,225.92     | 0.00         | 7,225.92     |
| Bethany                     | 28,616,108.51       | 31,826,378.88       | 33,855,139.22      | 34,040,010.61      | -83,811.11         | 375,953.03   | -930.70      | 375,022.33   |
| Bethany/Warr Acres          | 2,847,217.66        | 3,194,658.89        | 3,397,092.75       | 3,414,810.26       | -9,236.06          | 37,723.88    | -102.56      | 37,621.32    |
| Billings                    | 324,267.96          | 268,170.20          | 289,896.75         | 292,388.53         | 183.92             | 3,219.23     | 2.04         | 3,221.27     |
| Binger                      | 245,185.12          | 261,221.50          | 276,366.05         | 277,637.82         | -919.66            | 3,068.98     | -10.22       | 3,058.76     |
| Blackwell                   | 6,486,538.19        | 6,345,991.39        | 6,696,146.28       | 6,746,540.72       | -2,856.94          | 74,359.06    | -31.72       | 74,327.34    |
| Blair                       | 577,439.73          | 684,748.06          | 746,702.24         | 754,320.80         | 1,664.60           | 8,291.95     | 18.48        | 8,310.43     |
| Boise City                  | 1,726,311.07        | 1,883,287.81        | 2,001,219.38       | 2,015,473.39       | -1,654.40          | 22,223.05    | -18.37       | 22,204.68    |
| Bokchito                    | 167,705.09          | 199,432.61          | 219,181.38         | 219,455.97         | -1,457.61          | 2,433.96     | -16.19       | 2,417.77     |
| Braman                      | 189,562.86          | 183,517.11          | 187,060.97         | 185,081.51         | -3,440.33          | 2,077.27     | -38.21       | 2,039.06     |
| Bristow                     | 3,887,117.84        | 4,323,027.43        | 4,601,284.81       | 4,627,233.38       | -10,574.82         | 51,096.14    | -117.43      | 50,978.71    |
| Broken Bow                  | 6,593,814.55        | 7,664,768.89        | 8,325,803.33       | 8,404,152.29       | 12,013.83          | 92,456.01    | 133.41       | 92,589.42    |
| Buffalo                     | 1,070,779.20        | 1,170,854.48        | 1,243,359.67       | 1,249,709.10       | -3,514.70          | 13,807.20    | -39.03       | 13,768.17    |
| Burns Flat                  | 840,119.05          | 947,979.95          | 1,018,600.19       | 1,026,496.10       | -206.37            | 11,311.31    | -2.30        | 11,309.01    |
| Calera                      | 1,193,332.11        | 1,408,033.68        | 1,530,642.87       | 1,544,958.93       | 2,121.49           | 16,997.41    | 23.56        | 17,020.97    |
| Central Okla Master Cons    | 2,050,319.54        | 2,321,754.29        | 2,475,267.34       | 2,494,386.57       | -569.31            | 27,487.24    | -6.32        | 27,480.92    |
| Chandler                    | 3,330,581.64        | 3,923,358.05        | 4,274,975.81       | 4,316,965.16       | 7,914.95           | 47,472.56    | 87.89        | 47,560.45    |
| Checotah                    | 2,667,338.19        | 3,074,050.38        | 3,345,354.44       | 3,376,288.64       | 4,284.69           | 37,149.34    | 47.58        | 37,196.92    |
| Cherokee & CDA              | 450,807.09          | 494,163.17          | 530,072.00         | 537,471.03         | 3,156.69           | 5,886.32     | 35.05        | 5,921.37     |
| Chickasha                   | 18,021,288.80       | 19,767,539.35       | 20,957,798.76      | 21,051,188.71      | -72,769.99         | 232,731.22   | -808.09      | 231,923.13   |
| Chouteau                    | 11,782.53           | 12,775.54           | 13,488.15          | 13,541.80          | -53.24             | 149.78       | -0.59        | 149.19       |
| Claremore                   | 19,137,057.05       | 21,476,719.07       | 22,908,913.96      | 23,093,393.79      | 2,200.49           | 254,397.88   | 24.44        | 254,422.32   |
| Cleo Springs                | 228,525.17          | 224,754.93          | 228,225.07         | 227,295.58         | -2,723.56          | 2,534.38     | -30.24       | 2,504.14     |
| Cleveland                   | 2,931,928.21        | 3,212,835.69        | 3,375,836.05       | 3,386,149.09       | -16,414.30         | 37,487.83    | -182.27      | 37,305.56    |
| Clinton                     | 14,333,150.34       | 16,071,036.79       | 17,158,319.29      | 17,259,942.50      | -34,611.89         | 190,538.93   | -384.35      | 190,154.58   |
| Collinsville                | 3,577,602.37        | 4,192,153.65        | 4,563,174.93       | 4,606,438.32       | 6,904.14           | 50,672.94    | 76.67        | 50,749.61    |
| Copan                       | 75,836.81           | 96,542.98           | 105,255.58         | 105,221.50         | -864.60            | 1,168.84     | -9.60        | 1,159.24     |
| Cordell                     | 5,450,735.89        | 6,024,133.78        | 6,421,232.35       | 6,451,226.94       | -20,925.84         | 71,306.21    | -232.37      | 71,073.84    |
| Cushing                     | 22,131,487.40       | 24,143,862.81       | 25,515,572.97      | 25,621,469.77      | -96,337.00         | 283,344.19   | -1,069.80    | 282,274.39   |
| Davis                       | 2,375,466.61        | 2,719,658.97        | 2,916,129.60       | 2,932,875.73       | -6,403.47          | 32,382.91    | -71.11       | 32,311.80    |
| Del City                    | 19,083,328.56       | 21,321,583.61       | 22,825,866.09      | 23,005,461.60      | -1,989.77          | 253,475.65   | -22.09       | 253,453.56   |
| Dewey                       | 2,104,816.00        | 2,459,499.18        | 2,664,754.64       | 2,686,915.12       | 952.29             | 29,591.45    | 10.57        | 29,602.02    |
| Drumright                   | 2,656,969.90        | 2,904,837.48        | 3,097,420.43       | 3,119,227.91       | -2,813.02          | 34,396.10    | -31.24       | 34,364.86    |
| Durant                      | 25,409,995.27       | 28,653,755.32       | 30,660,058.65      | 30,859,985.54      | -43,655.23         | 340,472.44   | -484.78      | 339,987.66   |
| El Reno                     | 6,060,460.05        | 7,094,392.17        | 7,705,590.89       | 7,776,596.81       | 9,624.17           | 85,568.70    | 106.87       | 85,675.57    |
| Eufaula                     | 1,413,490.33        | 1,591,105.62        | 1,703,027.72       | 1,714,289.68       | -2,269.16          | 18,911.71    | -25.20       | 18,886.51    |
| Fort Cobb                   | 260,051.07          | 287,317.16          | 306,129.42         | 303,801.45         | -4,725.92          | 3,399.49     | -52.48       | 3,347.01     |
| Foss Reservoir Public Works | 994,190.50          | 1,091,733.73        | 1,165,807.28       | 1,176,886.97       | 1,790.36           | 12,946.00    | 19.89        | 12,965.89    |
| Frederick                   | 4,625,641.46        | 5,291,788.54        | 5,644,235.94       | 5,683,674.38       | -5,423.58          | 62,677.86    | -60.23       | 62,617.63    |
| Garber                      | 110,995.79          | 144,823.03          | 164,626.89         | 167,575.93         | 1,626.34           | 1,828.14     | 18.06        | 1,846.20     |
| Geary                       | 1,715,697.63        | 1,967,750.64        | 2,124,966.28       | 2,135,943.44       | -5,882.13          | 23,597.23    | -65.32       | 23,531.91    |
| Goodwell                    | 316,358.97          | 362,994.38          | 388,375.70         | 390,330.21         | -1,126.42          | 4,312.82     | -12.51       | 4,300.31     |
| Gore & Gore PWA             | 893,361.52          | 1,067,536.51        | 1,162,889.97       | 1,174,653.59       | 2,491.92           | 12,913.61    | 27.67        | 12,941.28    |
| Granite                     | 1,754,170.19        | 1,954,089.78        | 2,103,616.89       | 2,112,275.58       | -8,013.79          | 23,360.15    | -88.99       | 23,271.16    |
| Guthrie                     | 6,900,725.49        | 7,869,196.74        | 8,460,907.97       | 8,515,759.83       | -12,364.20         | 93,956.31    | -137.30      | 93,819.01    |
| Guymon                      | 6,374,153.00        | 6,997,038.60        | 7,396,970.28       | 7,430,201.91       | -25,415.98         | 82,141.54    | -282.23      | 81,859.31    |
| Harrah                      | 3,015,384.86        | 3,561,360.62        | 3,850,540.72       | 3,892,973.59       | 11,705.09          | 42,759.31    | 129.98       | 42,889.29    |
| Healdton                    | 1,665,521.34        | 1,912,107.46        | 2,062,211.89       | 2,077,066.00       | -1,540.46          | 22,900.36    | -17.11       | 22,883.25    |
| Henryetta                   | 3,708,551.51        | 4,403,901.24        | 4,802,664.25       | 4,850,419.56       | 9,470.28           | 53,332.41    | 105.17       | 53,437.58    |
| Hooker                      | 1,288,410.50        | 1,488,825.93        | 1,592,612.97       | 1,603,802.91       | -1,469.10          | 17,685.58    | -16.32       | 17,669.26    |
| Hulbert                     | 792,545.46          | 962,264.79          | 1,057,892.67       | 1,060,475.34       | -5,787.81          | 11,747.64    | -64.27       | 11,683.37    |
| Hydro                       | 389,568.36          | 431,563.41          | 455,658.71         | 458,400.31         | -876.61            | 5,059.98     | -9.74        | 5,050.24     |
| Kansas                      | 142,775.44          | 162,055.69          | 171,736.39         | 175,202.32         | 2,083.04           | 1,907.09     | 23.13        | 1,930.22     |
| Kiefer                      | 146,192.58          | 187,984.97          | 211,745.72         | 212,194.31         | -1,226.29          | 2,351.38     | -13.61       | 2,337.77     |
| Kingston                    | 741,477.43          | 829,696.97          | 897,680.65         | 903,235.21         | -1,574.80          | 9,968.52     | -17.48       | 9,951.04     |
| Krebs & Krebs Utility Auth. | 546,127.50          | 641,660.28          | 701,866.30         | 710,448.05         | 2,974.09           | 7,794.05     | 33.03        | 7,827.08     |

**Oklahoma Municipal Retirement Fund  
Defined Benefit Plans as of June, 2021**

| City                      | 12/31/19<br>Mkt.Val | 12/31/20<br>Mkt.Val | 5/31/21<br>Mkt.Val | 6/30/21<br>Mkt.Val | Monthly<br>Dollars | Units<br>BOM | Units<br>New | Units<br>EOM |
|---------------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------|--------------|--------------|
| Laverne                   | 1,417,611.41        | 1,624,239.41        | 1,751,256.54       | 1,765,311.46       | 121.07             | 19,447.28    | 1.34         | 19,448.62    |
| Lindsay & LPWA            | 5,191,584.20        | 5,856,424.17        | 6,274,425.40       | 6,310,221.14       | -14,011.70         | 69,675.96    | -155.60      | 69,520.36    |
| Madill                    | 3,351,652.99        | 3,865,325.30        | 4,194,195.13       | 4,248,993.80       | 21,260.78          | 46,575.51    | 236.10       | 46,811.61    |
| Mannford                  | 3,329,701.34        | 3,831,003.93        | 4,162,840.46       | 4,201,923.78       | 5,916.95           | 46,227.32    | 65.71        | 46,293.03    |
| Mannford HP               | 64,914.97           | 66,323.49           | 68,208.75          | 68,126.01          | -620.47            | 757.44       | -6.89        | 750.55       |
| Marietta                  | 1,276,004.33        | 1,464,994.61        | 1,578,641.71       | 1,595,513.61       | 4,278.29           | 17,530.43    | 47.51        | 17,577.94    |
| Marietta PWA              | 499,377.33          | 578,808.30          | 628,687.33         | 634,039.84         | 347.95             | 6,981.42     | 3.86         | 6,985.28     |
| McLoud                    | 850,445.59          | 1,009,696.40        | 1,107,730.37       | 1,119,665.56       | 3,097.51           | 12,301.07    | 34.40        | 12,335.47    |
| Medford                   | 3,617,878.81        | 4,147,988.74        | 4,479,962.96       | 4,517,712.87       | 2,090.97           | 49,748.89    | 23.22        | 49,772.11    |
| Meeker                    | 765,242.41          | 851,586.24          | 913,930.53         | 917,490.34         | -3,682.07          | 10,148.97    | -40.88       | 10,108.09    |
| Miami                     | 11,921,161.42       | 13,545,373.52       | 14,576,350.15      | 14,673,098.65      | -19,068.29         | 161,866.80   | -211.75      | 161,655.05   |
| Mooreland                 | 1,475,347.59        | 1,630,563.48        | 1,733,604.72       | 1,742,249.87       | -5,106.66          | 19,251.26    | -56.71       | 19,194.55    |
| Mountain Park Master CD   | 1,080,760.29        | 1,187,725.21        | 1,279,396.66       | 1,278,871.50       | -10,619.47         | 14,207.39    | -117.93      | 14,089.46    |
| Muldrow                   | 2,405,797.33        | 2,691,871.03        | 2,873,524.73       | 2,909,577.82       | 13,087.39          | 31,909.79    | 145.33       | 32,055.12    |
| Muskogee                  | 42,487.05           | 45,426.32           | 47,537.33          | 47,696.56          | -217.24            | 527.89       | -2.41        | 525.48       |
| Mustang                   | 7,887,002.46        | 9,114,004.75        | 9,899,231.10       | 9,986,183.52       | 8,130.10           | 109,928.54   | 90.28        | 110,018.82   |
| Newkirk                   | 1,279,498.08        | 1,331,492.81        | 1,391,531.06       | 1,390,932.79       | -11,577.09         | 15,452.61    | -128.56      | 15,324.05    |
| Nichols Hills             | 11,302,402.25       | 12,836,303.09       | 13,712,053.38      | 13,822,311.53      | 1,156.74           | 152,268.99   | 12.85        | 152,281.84   |
| Noble                     | 2,498,653.33        | 2,946,250.25        | 3,228,934.38       | 3,264,332.47       | 9,632.26           | 35,856.53    | 106.96       | 35,963.49    |
| Norman                    | 192,326.84          | 162,164.30          | 152,677.55         | 215,101.86         | 60,726.48          | 1,695.45     | 674.35       | 2,369.80     |
| Nowata                    | 2,466,632.05        | 2,859,107.24        | 3,091,904.98       | 3,116,861.85       | 355.06             | 34,334.85    | 3.94         | 34,338.79    |
| Oilton                    | 472,065.77          | 523,604.69          | 555,509.28         | 558,048.88         | -1,865.16          | 6,168.79     | -20.71       | 6,148.08     |
| OkMRF                     | 1,614,591.77        | 1,994,654.08        | 2,208,742.05       | 2,236,284.25       | 9,890.90           | 24,527.54    | 109.84       | 24,637.38    |
| Okeene                    | 1,240,038.99        | 1,383,862.16        | 1,469,796.54       | 1,478,896.12       | -2,573.55          | 16,321.73    | -28.58       | 16,293.15    |
| Okemah                    | 1,776,212.08        | 2,121,535.78        | 2,291,330.37       | 2,320,117.95       | 10,474.57          | 25,444.66    | 116.32       | 25,560.98    |
| Oklahoma Municipal League | 7,780,425.00        | 8,559,637.78        | 9,140,795.16       | 9,197,434.36       | -15,957.42         | 101,506.29   | -177.20      | 101,329.09   |
| Okmulgee                  | 18,237,841.73       | 20,536,020.67       | 21,971,198.32      | 22,111,914.52      | -33,816.19         | 243,984.78   | -375.52      | 243,609.26   |
| Owasso                    | 20,149,982.49       | 23,682,462.54       | 25,730,453.96      | 25,969,413.42      | 33,979.30          | 285,730.39   | 377.33       | 286,107.72   |
| Pawnee                    | 3,233,859.15        | 3,683,099.90        | 3,943,744.87       | 3,973,320.81       | -1,786.03          | 43,794.32    | -19.83       | 43,774.49    |
| Perkins                   | 1,357,000.10        | 1,519,382.64        | 1,641,644.69       | 1,655,382.48       | 671.63             | 18,230.06    | 7.46         | 18,237.52    |
| Perry                     | 4,808,826.81        | 5,394,273.45        | 5,633,217.04       | 5,684,514.99       | 6,429.29           | 62,555.50    | 71.39        | 62,626.89    |
| Piedmont                  | 554,553.61          | 732,349.13          | 818,377.10         | 833,261.84         | 8,307.69           | 9,087.88     | 92.25        | 9,180.13     |
| Pond Creek                | 1,436,890.67        | 1,717,878.92        | 1,839,821.09       | 1,865,913.38       | 11,364.37          | 20,430.76    | 126.20       | 20,556.96    |
| Porum                     | 453,716.85          | 545,347.68          | 596,207.98         | 602,684.82         | 1,719.76           | 6,620.74     | 19.10        | 6,639.84     |
| Poteau                    | 7,425,478.72        | 8,206,149.93        | 8,711,296.37       | 8,728,705.46       | -51,487.79         | 96,736.81    | -571.76      | 96,165.05    |
| Ratliff City              | 164,021.92          | 195,453.78          | 213,820.02         | 215,999.49         | 474.56             | 2,374.42     | 5.27         | 2,379.69     |
| Ringling                  | 199,537.07          | 226,976.15          | 245,878.26         | 247,962.35         | 126.88             | 2,730.42     | 1.41         | 2,731.83     |
| Roland                    | 1,481,144.00        | 1,786,391.44        | 1,911,195.75       | 1,979,930.82       | 53,107.20          | 21,223.36    | 589.74       | 21,813.10    |
| Sallisaw                  | 17,314,348.43       | 19,832,085.40       | 21,389,507.59      | 21,544,366.09      | -15,194.16         | 237,525.24   | -168.72      | 237,356.52   |
| Seiling                   | 1,053,439.63        | 1,210,401.28        | 1,308,856.68       | 1,319,908.56       | 633.66             | 14,534.53    | 7.04         | 14,541.57    |
| Shawnee                   | 38,238,231.30       | 41,138,360.45       | 43,376,884.41      | 43,563,750.57      | -156,988.53        | 481,689.68   | -1,743.32    | 479,946.36   |
| Skiatook                  | 1,833,308.88        | 2,363,982.22        | 2,681,450.38       | 2,720,471.99       | 17,548.55          | 29,776.85    | 194.87       | 29,971.72    |
| Spencer                   | 1,178,611.80        | 1,333,949.92        | 1,432,381.25       | 1,443,525.42       | -249.77            | 15,906.24    | -2.77        | 15,903.47    |
| Spiro                     | 1,240,951.15        | 1,405,420.41        | 1,511,647.56       | 1,521,839.65       | -1,820.00          | 16,786.48    | -20.21       | 16,766.27    |
| Stillwater                | 10,696,292.33       | 12,270,143.46       |                    |                    | 0.00               | 0.00         | 0.00         | 0.00         |
| Stilwell                  | 9,833,106.26        | 10,770,773.24       | 11,409,524.51      | 11,461,129.23      | -38,859.55         | 126,699.98   | -431.53      | 126,268.45   |
| Stratford                 | 344,722.31          | 396,334.53          | 427,535.53         | 431,027.86         | 90.17              | 4,747.68     | 1.00         | 4,748.68     |
| Stroud                    | 3,915,086.32        | 4,464,890.41        | 4,821,456.53       | 4,855,003.21       | -4,774.53          | 53,541.09    | -53.02       | 53,488.07    |
| Sulphur                   | 5,627,793.25        | 6,376,154.45        | 6,820,762.53       | 6,875,197.53       | 168.12             | 75,742.90    | 1.86         | 75,744.76    |
| Talihina & TPWA           | 854,424.66          | 985,307.99          | 1,073,185.30       | 1,085,612.78       | 3,858.59           | 11,917.46    | 42.85        | 11,960.31    |
| Tecumseh                  | 126,021.33          | 141,508.83          | 163,897.14         | 163,760.64         | -1,429.09          | 1,820.04     | -15.87       | 1,804.17     |
| Thomas                    | 1,020,043.53        | 1,136,319.39        | 1,211,942.76       | 1,218,180.95       | -3,377.08          | 13,458.33    | -37.50       | 13,420.83    |
| Tipton                    | 288,189.40          | 339,394.87          | 374,461.38         | 381,104.29         | 3,634.80           | 4,158.30     | 40.37        | 4,198.67     |
| Tishomingo                | 539,110.73          | 624,396.55          | 675,690.30         | 682,767.30         | 1,687.82           | 7,503.38     | 18.74        | 7,522.12     |
| Tonkawa                   | 2,885,111.44        | 3,252,593.87        | 3,482,803.38       | 3,509,704.98       | -800.99            | 38,675.68    | -8.90        | 38,666.78    |
| Valliant                  |                     | 5,874.88            | 24,392.01          | 27,966.68          | 3,353.92           | 270.87       | 37.24        | 308.11       |
| Velma                     | 344,066.56          | 384,973.56          | 412,001.14         | 414,584.95         | -688.56            | 4,575.17     | -7.64        | 4,567.53     |
| Vian                      | 365,745.88          | 448,146.77          | 507,067.12         | 505,185.78         | -5,868.84          | 5,630.86     | -65.18       | 5,565.68     |
| Vinita                    | 8,784,014.62        | 9,512,689.34        | 10,129,419.11      | 10,185,767.80      | -24,048.98         | 112,484.72   | -267.06      | 112,217.66   |
| Wakita                    | 227,220.27          | 248,210.60          | 263,628.37         | 264,967.71         | -752.09            | 2,927.53     | -8.35        | 2,919.18     |
| Warr Acres                | 9,157,220.00        | 10,139,615.98       | 10,811,186.33      | 10,851,487.18      | -45,351.44         | 120,055.58   | -503.62      | 119,551.96   |
| Watonga                   | 4,633,773.16        | 5,185,511.65        | 5,552,140.08       | 5,589,594.68       | -6,664.84          | 61,655.16    | -74.02       | 61,581.14    |
| Waukomis                  | 490,181.65          | 557,610.78          | 600,040.85         | 609,196.18         | 4,346.86           | 6,663.31     | 48.27        | 6,711.58     |
| Waurika                   | 1,176,539.39        | 1,315,462.50        | 1,404,612.07       | 1,412,413.11       | -3,347.33          | 15,597.87    | -37.17       | 15,560.70    |

**Oklahoma Municipal Retirement Fund  
Defined Benefit Plans as of June, 2021**

| City                        | 12/31/19<br>Mkt. Val | 12/31/20<br>Mkt. Val | 5/31/21<br>Mkt. Val | 6/30/21<br>Mkt. Val | Monthly<br>Dollars | Units<br>BOM | Units<br>New | Units<br>EOM |
|-----------------------------|----------------------|----------------------|---------------------|---------------------|--------------------|--------------|--------------|--------------|
| Weatherford                 | 6,403,233.13         | 7,443,651.09         | 8,022,393.01        | 8,106,817.89        | 20,436.65          | 89,086.71    | 226.94       | 89,313.65    |
| Weatherford HP              | 113,286.79           | 118,766.76           | 127,965.49          | 129,190.15          | 204.94             | 1,421.03     | 2.27         | 1,423.30     |
| Webbers Falls               | 204,088.80           | 237,234.95           | 257,963.00          | 260,810.79          | 789.18             | 2,864.62     | 8.76         | 2,873.38     |
| Wellston                    | 572,709.76           | 663,870.98           | 719,570.05          | 725,016.89          | -275.82            | 7,990.65     | -3.06        | 7,987.59     |
| Westville Utility Authority | 673,407.31           | 796,079.94           | 813,091.04          | 826,393.37          | 6,779.49           | 9,029.18     | 75.28        | 9,104.46     |
| Wetumka                     | 1,626,012.31         | 1,719,560.48         | 1,815,327.27        | 1,823,450.96        | -6,269.06          | 20,158.76    | -69.61       | 20,089.15    |
| Wilburton                   | 161,276.28           | 229,875.82           | 269,387.02          | 274,981.34          | 3,423.85           | 2,991.48     | 38.02        | 3,029.50     |
| Yale                        | 1,576,027.60         | 1,784,340.87         | 1,924,473.75        | 1,945,585.05        | 5,754.53           | 21,370.81    | 63.90        | 21,434.71    |
| Yukon                       | 28,438,754.58        | 32,317,835.03        | 34,717,379.93       | 34,956,057.28       | -37,235.63         | 385,528.00   | -413.49      | 385,114.51   |

|                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;"><b>OKLAHOMA MUNICIPAL RETIREMENT FUND</b></p> <p style="text-align: center;"><b>Defined Contribution Plan</b></p> <p style="text-align: center;"><b>Statement of Changes in Net Assets</b></p> <p style="text-align: center;"><b>For the Month Ended June 30, 2021</b></p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Contributions:

|                     |    |              |              |
|---------------------|----|--------------|--------------|
| Employer            | \$ | 1,197,769.43 |              |
| Employee            |    | 642,904.02   |              |
| Employee rollovers  |    | 12,071.52    |              |
| Total contributions |    |              | 1,852,744.97 |

Investment income:

|                                               |              |  |
|-----------------------------------------------|--------------|--|
| Loan interest payments                        | 36,907.93    |  |
| Net appreciation in fair value of investments | 5,061,502.42 |  |
| Total investment income                       | 5,098,410.35 |  |

Administrative Expense:

|                                       |            |  |
|---------------------------------------|------------|--|
| OkMRF administrative expenses         | 108,136.29 |  |
| Participant administrative loan fees  | 3,000.00   |  |
| Participant CARES loan fees refunded  | -          |  |
| Participant administrative other fees | 11,348.38  |  |
| Total administrative expense          | 122,484.67 |  |

|                       |              |
|-----------------------|--------------|
| Net investment income | 4,975,925.68 |
|-----------------------|--------------|

|                        |              |
|------------------------|--------------|
| <b>Total additions</b> | 6,828,670.65 |
|------------------------|--------------|

|                                        |                |
|----------------------------------------|----------------|
| Payment of benefits and member refunds | (1,499,412.61) |
| Defaulted loans                        | (85,726.88)    |

|                         |                |
|-------------------------|----------------|
| <b>Total deductions</b> | (1,585,139.49) |
|-------------------------|----------------|

|                                                  |              |
|--------------------------------------------------|--------------|
| <b>Increase &lt;Decrease&gt; in net position</b> | 5,243,531.16 |
|--------------------------------------------------|--------------|

Net assets available for plan benefits:

|                    |                |
|--------------------|----------------|
| Beginning of month | 409,732,743.32 |
|--------------------|----------------|

Net assets available for plan benefits:

|                     |                          |
|---------------------|--------------------------|
| <b>End of month</b> | <b>\$ 414,976,274.48</b> |
|---------------------|--------------------------|

**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**DEFINED CONTRIBUTION**  
**CASH FLOW**  
**For the Month of June 2021**

|                                                      | INTERNATIONAL<br>INVESTMENT EQUITY | AGGRESSIVE EQUITY    | REAL ASSETS       | GLOBAL EQUITY        | ESG US STOCK FUND   |
|------------------------------------------------------|------------------------------------|----------------------|-------------------|----------------------|---------------------|
| Contributions                                        | \$ 40,750.66                       | 63,165.29            | 4,131.85          | 45,432.40            | 6,039.72            |
| Investment income:                                   |                                    |                      |                   |                      |                     |
| Loan interest payments                               |                                    |                      |                   |                      |                     |
| Net appreciation of investments                      | (40,693.57)                        | 433,355.32           | 11,371.86         | 146,921.54           | 42,765.15           |
| Total investment income                              | (40,693.57)                        | 433,355.32           | 11,371.86         | 146,921.54           | 42,765.15           |
| Administrative expense                               | (3,545.96)                         | (6,387.99)           | (213.45)          | (5,993.85)           | (379.07)            |
| Net investment income                                | (44,239.53)                        | 426,967.33           | 11,158.41         | 140,927.69           | 42,386.08           |
| Payment of benefits/member refunds                   | (10,807.14)                        | (99,250.26)          | (47.32)           | (8,576.09)           | (4,907.48)          |
| Defaulted loans                                      |                                    |                      |                   |                      |                     |
| Net transfers from <to>                              | 3,868.47                           | (141,892.72)         | (26,960.67)       | 55,881.35            | 152,695.80          |
| Total deductions                                     | (6,938.67)                         | (241,142.98)         | (27,007.99)       | 47,305.26            | 147,788.32          |
| <b>Net increase &lt;decrease&gt; in net position</b> | (10,427.54)                        | 248,989.64           | (11,717.73)       | 233,665.35           | 196,214.12          |
| Net assets available for plan benefits:              |                                    |                      |                   |                      |                     |
| Beginning of month                                   | 10,275,320.33                      | 23,084,558.35        | 694,022.61        | 10,792,766.97        | 1,223,305.12        |
| <b>End of month</b>                                  | <b>\$ 10,264,892.79</b>            | <b>23,333,547.99</b> | <b>682,304.88</b> | <b>11,026,432.32</b> | <b>1,419,519.24</b> |

**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**DEFINED CONTRIBUTION**  
**CASH FLOW**  
**For the Month of June 2021**

|                                                      | GROWTH & VALUE<br>EQUITY | S&P 500 INDEX        | TARGET RETIREMENT<br>2065 | TARGET RETIREMENT<br>2060 | TARGET RETIREMENT<br>2055 |
|------------------------------------------------------|--------------------------|----------------------|---------------------------|---------------------------|---------------------------|
| Contributions                                        | 70,932.90                | 114,593.81           | 156.02                    | 143,997.24                | 141,902.64                |
| Investment income:                                   |                          |                      |                           |                           |                           |
| Loan interest payments                               |                          |                      |                           |                           |                           |
| Net appreciation of investments                      | 816,445.72               | 867,036.52           | 2,003.53                  | 72,154.25                 | 99,611.39                 |
| Total investment income                              | 816,445.72               | 867,036.52           | 2,003.53                  | 72,154.25                 | 99,611.39                 |
| Administrative expense                               | (7,940.43)               | (12,612.99)          | (39.95)                   | (1,620.07)                | (2,444.28)                |
| Net investment income                                | 808,505.29               | 854,423.53           | 1,963.58                  | 70,534.18                 | 97,167.11                 |
| Payment of benefits/member refunds                   | (116,577.51)             | (116,049.80)         | -                         | (128,067.40)              | (131,236.91)              |
| Defaulted loans                                      |                          |                      |                           |                           |                           |
| Net transfers from <to>                              | (13,740.05)              | 129,939.57           | -                         | 2,562.40                  | 12,363.94                 |
| Total deductions                                     | (130,317.56)             | 13,889.77            | -                         | (125,505.00)              | (118,872.97)              |
| <b>Net increase &lt;decrease&gt; in net position</b> | 749,120.63               | 982,907.11           | 2,119.60                  | 89,026.42                 | 120,196.78                |
| Net assets available for plan benefits:              |                          |                      |                           |                           |                           |
| Beginning of month                                   | 27,196,776.22            | 37,266,817.84        | 147,923.21                | 5,290,233.86              | 7,329,866.54              |
| <b>End of month</b>                                  | <b>27,945,896.85</b>     | <b>38,249,724.95</b> | <b>150,042.81</b>         | <b>5,379,260.28</b>       | <b>7,450,063.32</b>       |

**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**DEFINED CONTRIBUTION**  
**CASH FLOW**  
**For the Month of June 2021**

|                                                      | TARGET RETIREMENT<br>2050 | TARGET RETIREMENT<br>2045 | TARGET RETIREMENT<br>2040 | TARGET RETIREMENT<br>2035 | TARGET RETIREMENT<br>2030 |
|------------------------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Contributions                                        | 155,778.31                | 145,360.09                | 158,540.94                | 180,619.64                | 185,125.18                |
| Investment income:                                   |                           |                           |                           |                           |                           |
| Loan interest payments                               |                           |                           |                           |                           |                           |
| Net appreciation of investments                      | 168,496.66                | 210,049.51                | 271,105.42                | 359,621.78                | 390,875.12                |
| Total investment income                              | 168,496.66                | 210,049.51                | 271,105.42                | 359,621.78                | 390,875.12                |
| Administrative expense                               | (3,668.25)                | (4,594.98)                | (6,146.05)                | (8,154.58)                | (9,115.91)                |
| Net investment income                                | 164,828.41                | 205,454.53                | 264,959.37                | 351,467.20                | 381,759.21                |
| Payment of benefits/member refunds                   | (176,795.47)              | (83,235.52)               | (78,126.41)               | (104,114.14)              | (80,153.78)               |
| Defaulted loans                                      |                           |                           |                           |                           |                           |
| Net transfers from <to>                              | 14,064.10                 | (14,194.01)               | 25,125.95                 | 16,566.85                 | (189,684.59)              |
| Total deductions                                     | (162,731.37)              | (97,429.53)               | (53,000.46)               | (87,547.29)               | (269,838.37)              |
| <b>Net increase &lt;decrease&gt; in net position</b> | <b>157,875.35</b>         | <b>253,385.09</b>         | <b>370,499.85</b>         | <b>444,539.55</b>         | <b>297,046.02</b>         |
| Net assets available for plan benefits:              |                           |                           |                           |                           |                           |
| Beginning of month                                   | 12,413,693.16             | 15,740,426.23             | 20,849,358.39             | 28,267,728.60             | 32,418,249.09             |
| <b>End of month</b>                                  | <b>12,571,568.51</b>      | <b>15,993,811.32</b>      | <b>21,219,858.24</b>      | <b>28,712,268.15</b>      | <b>32,715,295.11</b>      |



**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**DEFINED CONTRIBUTION**  
**CASH FLOW**  
**For the Month of June 2021**

|                                                      | TARGET RETIREMENT<br>2025 | TARGET RETIREMENT<br>2020 | TARGET RETIREMENT<br>INCOME | TOTAL YIELD BOND    | BOND INDEX           |
|------------------------------------------------------|---------------------------|---------------------------|-----------------------------|---------------------|----------------------|
| Contributions                                        | 171,081.70                | 110,530.32                | 38,346.74                   | 19,015.09           | 52,731.31            |
| Investment income:                                   |                           |                           |                             |                     |                      |
| Loan interest payments                               |                           |                           |                             |                     |                      |
| Net appreciation of investments                      | 466,005.52                | 283,355.03                | 158,957.96                  | 41,454.33           | 116,481.88           |
| Total investment income                              | 466,005.52                | 283,355.03                | 158,957.96                  | 41,454.33           | 116,481.88           |
| Administrative expense                               | (12,544.91)               | (9,547.25)                | (6,487.50)                  | (1,916.95)          | (7,007.42)           |
| Net investment income                                | 453,460.61                | 273,807.78                | 152,470.46                  | 39,537.38           | 109,474.46           |
| Payment of benefits/member refunds                   | (299,372.72)              | (136,948.54)              | (222,071.10)                | (11,715.48)         | (59,788.64)          |
| Defaulted loans                                      |                           |                           |                             |                     |                      |
| Net transfers from <to>                              | 28,722.51                 | 73,313.20                 | (15,006.49)                 | 32,442.30           | (127,756.27)         |
| Total deductions                                     | (270,650.21)              | (63,635.34)               | (237,077.59)                | 20,726.82           | (187,544.91)         |
| <b>Net increase &lt;decrease&gt; in net position</b> | 353,892.10                | 320,702.76                | (46,260.39)                 | 79,279.29           | (25,339.14)          |
| Net assets available for plan benefits:              |                           |                           |                             |                     |                      |
| Beginning of month                                   | 45,568,539.82             | 34,740,963.76             | 23,802,985.05               | 6,605,109.47        | 16,555,694.67        |
| <b>End of month</b>                                  | <b>45,922,431.92</b>      | <b>35,061,666.52</b>      | <b>23,756,724.66</b>        | <b>6,684,388.76</b> | <b>16,530,355.53</b> |

**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**DEFINED CONTRIBUTION**  
**CASH FLOW**  
**For the Month of June 2021**

|                                                      | VOYA FIXED PLUS III | LOAN PORTFOLIO | SELF DIRECTED<br>BROKER | TOTAL          | RECLASS ENTRIES | GRAND TOTAL       |
|------------------------------------------------------|---------------------|----------------|-------------------------|----------------|-----------------|-------------------|
| Contributions                                        | 90,350.30           | -              | -                       | 1,938,582.15   | (85,837.18)     | \$ 1,852,744.97   |
| Investment income:                                   |                     |                |                         |                |                 |                   |
| Loan interest payments                               |                     |                |                         |                | 36,907.93       | 36,907.93         |
| Net appreciation of investments                      | 68,267.20           | 37,075.07      | (10,033.72)             | 5,012,683.47   | 48,818.95       | 5,061,502.42      |
| Total investment income                              | 68,267.20           | 37,075.07      | (10,033.72)             | 5,012,683.47   | 85,726.88       | 5,098,410.35      |
| Administrative expense                               | (12,122.83)         | -              | -                       | (122,484.67)   | -               | (122,484.67)      |
| Net investment income                                | 56,144.37           | 37,075.07      | (10,033.72)             | 4,890,198.80   | 85,726.88       | 4,975,925.68      |
| Payment of benefits/member refunds                   | (262,428.37)        | (35,049.14)    | -                       | (2,165,319.22) | 665,906.61      | (1,499,412.61)    |
| Defaulted loans                                      |                     |                |                         |                | (85,726.88)     | (85,726.88)       |
| Net transfers from <to>                              | 547,340.75          | (29,732.96)    | 44,150.00               | 580,069.43     | (580,069.43)    | -                 |
| Total deductions                                     | 284,912.38          | (64,782.10)    | 44,150.00               | (1,585,249.79) | 110.30          | (1,585,139.49)    |
| <b>Net increase &lt;decrease&gt; in net position</b> | 431,407.05          | (27,707.03)    | 34,116.28               | 5,243,531.16   | -               | 5,243,531.16      |
| Net assets available for plan benefits:              |                     |                |                         |                |                 |                   |
| Beginning of month                                   | 41,089,524.57       | 8,131,290.03   | 247,589.43              | 409,732,743.32 | -               | 409,732,743.32    |
| <b>End of month</b>                                  | 41,520,931.62       | 8,103,583.00   | 281,705.71              | 414,976,274.48 | -               | \$ 414,976,274.48 |

**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**DEFINED CONTRIBUTION**  
**June 30, 2021**

| PLAN NAME             | INTERNATIONAL<br>INVESTMENT<br>EQUITY | AGGRESSIVE<br>EQUITY | REAL ASSETS<br>FUND | GLOBAL<br>EQUITY | ESG US STOCK<br>FUND | GROWTH &<br>VALUE EQUITY | S&P 500 INDEX<br>FUND | TARGET DATE<br>FUNDS* | TOTAL YIELD<br>BOND | BOND INDEX<br>FUND | VOYA FIXED<br>PLUS III | LOAN FUND    | SELF DIRECTED<br>BROKER | GRAND TOTAL   |
|-----------------------|---------------------------------------|----------------------|---------------------|------------------|----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------------|------------------------|--------------|-------------------------|---------------|
| ADA                   | 773,218.34                            | 2,112,530.39         | 21,448.30           | 1,686,387.70     | 100,036.33           | 2,554,612.61             | 4,121,242.19          | 13,428,073.26         | 965,262.40          | 1,626,502.19       | 7,440,150.20           | 399,655.82   | -                       | 35,229,119.73 |
| ADA CMO               | 51,874.59                             | 64,299.06            | -                   | -                | -                    | -                        | 180,683.44            | -                     | 40,581.98           | 39,028.98          | -                      | -            | -                       | 376,468.05    |
| AFTON                 | -                                     | -                    | -                   | -                | -                    | -                        | 182,010.42            | 28,800.64             | -                   | -                  | 119,577.96             | 2,597.47     | -                       | 332,986.49    |
| ALTUS                 | 34,294.96                             | 76,030.58            | 742.45              | 33,543.21        | -                    | 78,279.30                | 144,987.99            | 2,446,386.90          | 17,569.52           | 126,114.43         | 78,313.89              | 57,389.94    | -                       | 3,093,653.17  |
| ALTUS CMO             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 161,052.40            | -                   | -                  | -                      | -            | -                       | 161,052.40    |
| ALTUS CMO 2           | -                                     | -                    | -                   | -                | -                    | 40,275.91                | -                     | 67,782.94             | -                   | -                  | -                      | -            | -                       | 108,058.85    |
| ALVA                  | 68,054.86                             | 109,934.15           | 274.34              | 31,495.12        | -                    | 290,233.82               | 332,098.98            | 534,976.84            | 279.34              | 60,783.89          | 108,516.47             | -            | -                       | 1,536,647.81  |
| ARAPAHO               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 33,505.47             | -                   | -                  | 201.28                 | -            | -                       | 33,706.75     |
| ARKOMA                | 13,900.30                             | 2,883.97             | -                   | -                | -                    | 799.50                   | 692.78                | 274,420.98            | 31,660.45           | 4,262.57           | 16,255.21              | -            | -                       | 344,875.76    |
| BARTLESVILLE          | 40,770.70                             | 42,188.41            | 1,475.71            | 80,471.08        | 10,069.83            | 413,008.87               | 326,528.53            | 1,992,969.19          | 9,545.03            | 24,036.59          | 121,845.46             | 121,272.68   | -                       | 3,184,182.08  |
| BETHANY CMO           | 4,497.06                              | 823.75               | -                   | 9,566.96         | -                    | -                        | 9,860.52              | 69,110.05             | -                   | 2,442.17           | 10,950.77              | -            | -                       | 107,251.28    |
| BETHANY CMO 2         | -                                     | -                    | -                   | -                | -                    | 32,103.13                | 30,802.82             | -                     | -                   | -                  | -                      | -            | -                       | 62,905.95     |
| BETHANY WARR ACRES    | -                                     | -                    | -                   | -                | -                    | 12,932.08                | 12,918.99             | 20,185.35             | 2,339.01            | 4,592.28           | 4,711.67               | -            | -                       | 57,679.38     |
| BIXBY CMO             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 28,220.46             | -                   | -                  | -                      | -            | -                       | 28,220.46     |
| BLACKWELL             | 5,176.85                              | 10,501.66            | 1,404.57            | 16,106.45        | -                    | 7,915.61                 | 28,548.71             | 213,793.11            | 2,797.82            | 15,784.87          | 6,058.79               | -            | -                       | 308,088.44    |
| BLACKWELL CMO         | 10,632.02                             | 2,313.66             | -                   | 20,210.63        | -                    | -                        | 19,601.83             | -                     | -                   | 4,686.13           | -                      | -            | -                       | 57,444.27     |
| BROKEN ARROW DC       | 1,149,904.42                          | 3,678,273.54         | 223,607.39          | 1,329,919.37     | 333,050.87           | 3,923,061.57             | 5,854,090.76          | 34,772,450.71         | 489,670.91          | 937,290.24         | 2,739,965.97           | 1,261,908.83 | 5,410.37                | 56,698,604.95 |
| BROKEN ARROW CMO-SI   | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 70,243.75             | -                   | -                  | -                      | -            | -                       | 70,243.75     |
| CACHE AND CACHE PWA   | 237.98                                | 369.07               | -                   | -                | 3,811.84             | 353.15                   | 8,155.11              | 164,537.20            | -                   | 3,378.25           | 13,054.16              | -            | -                       | 193,896.76    |
| CADDO AND CADDO PWA   | 526.51                                | 568.26               | -                   | -                | -                    | 567.57                   | 282.37                | 227,219.17            | -                   | 237.49             | 425.50                 | -            | -                       | 229,826.87    |
| CALUMET               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 34,062.85             | -                   | -                  | 1,616.56               | -            | -                       | 35,679.41     |
| CANEY                 | -                                     | 2,619.05             | -                   | -                | -                    | -                        | 2,608.77              | 98,499.37             | -                   | 231.89             | -                      | 7,993.16     | -                       | 111,952.24    |
| CARLTON LANDING       | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 25,110.07             | -                   | -                  | -                      | -            | -                       | 25,110.07     |
| CARMEN AND CPWA       | -                                     | 1,845.63             | -                   | -                | -                    | -                        | -                     | 113,258.22            | -                   | -                  | 1,326.05               | -            | -                       | 116,429.90    |
| CASHION               | 1,692.43                              | 4,528.06             | -                   | -                | -                    | 5,432.49                 | 7,364.29              | 275,240.01            | 2,405.14            | 1,135.60           | 32,298.06              | -            | -                       | 330,096.08    |
| CATOOSA CMO           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 89,612.85             | -                   | -                  | -                      | 4,811.58     | -                       | 94,424.43     |
| CATOOSA COP           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 26,854.65             | -                   | -                  | -                      | -            | -                       | 26,854.65     |
| CENTRAL OK MCD CMO    | -                                     | -                    | -                   | -                | -                    | 256,819.13               | 242,824.30            | 485,591.90            | -                   | -                  | -                      | -            | -                       | 985,235.33    |
| CHANDLER CMO          | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 170,092.27            | -                   | -                  | 0.26                   | -            | -                       | 170,092.53    |
| CHATTANOOGA           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 115,634.64            | -                   | -                  | 3,399.43               | -            | -                       | 119,034.07    |
| CHELSEA               | 14,332.95                             | 459.83               | 2,091.33            | 35,203.73        | -                    | -                        | 34,676.53             | 169,419.39            | -                   | 12,859.97          | 153,584.72             | 5,930.35     | -                       | 428,558.80    |
| CHELSEA GAS AUTHORITY | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 51,806.26             | -                   | -                  | -                      | -            | -                       | 51,806.26     |
| CHICKASHA CMO         | 18,772.31                             | -                    | -                   | 47,745.43        | -                    | -                        | 48,270.24             | -                     | -                   | 7,824.62           | 12,915.18              | 15,804.21    | -                       | 151,331.99    |
| CHOCTAW               | 22,236.87                             | 14,843.85            | -                   | 16,197.73        | -                    | 75,699.76                | 47,382.20             | 3,696,291.23          | 17,462.85           | 24,382.00          | 107,391.57             | 38,642.76    | -                       | 4,060,530.82  |
| CHOUTEAU              | 48,260.47                             | 136,527.27           | -                   | -                | -                    | 105,666.30               | 9,724.00              | 282,934.61            | -                   | 46.62              | 165,404.96             | 45,828.02    | -                       | 794,392.25    |
| CLAREMORE CMO 1       | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 15,317.12             | -                   | -                  | -                      | -            | -                       | 15,317.12     |
| CLEVELAND CMO         | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 1,252.77              | -                   | -                  | -                      | -            | -                       | 1,252.77      |
| CLINTON               | 44,239.21                             | 132,354.74           | 7,156.31            | 125,711.81       | -                    | 168,757.97               | 489,121.74            | 1,741,003.25          | 91,560.51           | 74,717.30          | 475,247.88             | -            | -                       | 3,349,870.72  |
| CLINTON CMO           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 55,337.56             | -                   | -                  | 24,365.70              | -            | -                       | 79,703.26     |
| COALGATE              | 21,920.01                             | 30,871.79            | -                   | 36,558.89        | -                    | 97,982.54                | 88,054.65             | 524,954.74            | 20,395.41           | 33,913.41          | 89,685.92              | 22,487.60    | -                       | 966,824.96    |
| COLLINSVILLE CMO      | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 660,539.08            | -                   | -                  | -                      | -            | -                       | 660,539.08    |
| COLLINSVILLE CMO SI   | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 85,512.06             | -                   | -                  | -                      | -            | -                       | 85,512.06     |
| COMANCHE CMO          | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 46,704.25             | -                   | -                  | -                      | -            | -                       | 46,704.25     |
| CORDELL CMO           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 62,563.03             | -                   | -                  | -                      | 2,509.61     | -                       | 65,072.64     |
| COVINGTON             | 33,497.61                             | 24,867.17            | -                   | -                | -                    | 1,031.10                 | 8,382.28              | 185,647.98            | -                   | 446.28             | 580.64                 | -            | -                       | 254,453.06    |
| COWETA                | 94,700.35                             | 98,837.51            | 28,495.11           | 89,761.44        | 96,766.58            | 238,725.28               | 258,682.19            | 1,158,754.82          | -                   | 65,155.74          | 153,204.08             | 78,247.32    | -                       | 2,361,330.42  |
| COWETA CMO            | 34,813.03                             | -                    | -                   | 97,431.80        | -                    | -                        | 91,044.11             | 894,435.71            | -                   | 23,152.06          | 28,083.42              | -            | -                       | 1,168,960.13  |
| COWETA CMO SI         | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 60,258.35             | -                   | -                  | -                      | -            | -                       | 60,258.35     |
| CRESCENT              | 82.24                                 | 771.83               | -                   | -                | -                    | 778.78                   | 480.98                | 466,011.50            | -                   | 245.81             | 3,650.34               | -            | -                       | 472,021.48    |
| CRESCENT CMO          | -                                     | -                    | -                   | -                | -                    | 67,986.23                | -                     | 25,373.05             | -                   | -                  | -                      | -            | -                       | 93,359.28     |
| CUSTER CITY           | -                                     | 155,930.83           | -                   | -                | -                    | -                        | -                     | 31,665.45             | -                   | -                  | 59.10                  | -            | -                       | 187,655.38    |
| DAVIS CMO             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 31,518.69             | -                   | -                  | -                      | -            | -                       | 31,518.69     |
| DEWEY CMO             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 212,751.50            | -                   | -                  | -                      | -            | -                       | 212,751.50    |
| DOVER PWA             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 22,836.97             | -                   | -                  | 89.28                  | 15,760.48    | -                       | 38,686.73     |
| DRUMRIGHT             | 24,845.39                             | 22,861.42            | -                   | -                | -                    | 6,160.25                 | 42,599.05             | 134,480.77            | 7,410.17            | 5,480.84           | 66,899.85              | 33,435.69    | -                       | 344,173.43    |
| DRUMRIGHT CMO         | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 238,246.01            | -                   | -                  | -                      | -            | -                       | 238,246.01    |
| DUNCAN                | 7,894.01                              | 63,825.72            | 211.09              | 22,185.30        | -                    | 16,653.49                | 48,915.97             | 1,480,317.72          | 2,692.87            | 17,218.93          | 9,423.36               | -            | 531.99                  | 1,669,870.45  |
| DUNCAN CMO            | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 171,584.71            | -                   | -                  | -                      | -            | -                       | 171,584.71    |

**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**DEFINED CONTRIBUTION**  
**June 30, 2021**

| PLAN NAME                 | INTERNATIONAL<br>INVESTMENT<br>EQUITY | AGGRESSIVE<br>EQUITY | REAL ASSETS<br>FUND | GLOBAL<br>EQUITY | ESG US STOCK<br>FUND | GROWTH &<br>VALUE EQUITY | S&P 500 INDEX<br>FUND | TARGET DATE<br>FUNDS* | TOTAL YIELD<br>BOND | BOND INDEX<br>FUND | VOYA FIXED<br>PLUS III | LOAN FUND  | SELF DIRECTED<br>BROKER | GRAND TOTAL  |
|---------------------------|---------------------------------------|----------------------|---------------------|------------------|----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------------|------------------------|------------|-------------------------|--------------|
| DURANT                    | 59,530.75                             | 415,499.93           | 4,833.45            | 188,362.85       | 18,391.89            | 576,565.43               | 304,352.25            | 1,220,629.21          | 15,687.27           | 343,812.56         | 718,457.85             | 147,011.35 | -                       | 4,013,134.79 |
| DURANT CMO                | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 44,525.89             | -                   | -                  | -                      | -          | -                       | 44,525.89    |
| EAKLY                     | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 142,616.88            | -                   | -                  | -                      | 22,051.93  | -                       | 164,668.81   |
| EAST DUKE AND DMA         | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 44,939.02             | -                   | -                  | 3,125.27               | -          | -                       | 48,064.29    |
| EL RENO CMO               | -                                     | -                    | -                   | -                | -                    | -                        | 93,389.54             | 72,368.04             | -                   | 15,996.62          | 95,334.08              | 15,189.30  | -                       | 292,277.58   |
| EL RENO CMO 2             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 20,201.64             | -                   | -                  | -                      | -          | -                       | 20,201.64    |
| ELDORADO                  | 20,170.77                             | 12,806.63            | -                   | 37,777.74        | -                    | 32,920.67                | 20,047.50             | 4,381.43              | -                   | 22,200.32          | 19,311.20              | 7,691.06   | -                       | 177,307.32   |
| ELGIN                     | 2,631.21                              | 1,582.49             | -                   | -                | -                    | -                        | 6,588.60              | 510,055.12            | -                   | 2,689.75           | -                      | -          | -                       | 523,547.17   |
| ERICK                     | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 40,262.12             | -                   | -                  | 1,312.12               | -          | -                       | 41,574.24    |
| ERICK CMO                 | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 3,787.22              | -                   | -                  | -                      | -          | -                       | 3,787.22     |
| EUFAULA CMO               | -                                     | -                    | -                   | -                | -                    | -                        | 109,055.15            | -                     | -                   | -                  | -                      | 1,478.59   | -                       | 110,533.74   |
| FAIRVIEW                  | 16,523.77                             | 59,897.84            | 115.08              | 5,153.51         | -                    | 40,196.99                | 78,271.68             | 924,880.56            | -                   | 20,488.94          | 131,480.58             | 30,821.31  | -                       | 1,307,830.26 |
| FAIRVIEW CMO              | -                                     | -                    | -                   | -                | -                    | 3,305.84                 | 4,934.02              | 176,599.37            | 4,227.24            | 8,299.57           | 8,514.74               | 42,891.88  | -                       | 248,772.66   |
| FLETCHER                  | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 51,071.01             | -                   | -                  | -                      | 3,944.11   | -                       | 55,015.12    |
| FORT GIBSON               | 28,673.94                             | 78,218.39            | -                   | -                | -                    | 55,098.06                | 14,295.00             | 790,112.00            | 55,000.31           | 40,956.36          | 119,797.69             | 61,483.18  | -                       | 1,243,634.93 |
| FREDERICK CMO             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 253,381.76            | -                   | -                  | -                      | -          | -                       | 253,381.76   |
| GAGE                      | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 28,113.70             | -                   | -                  | 1,993.40               | -          | -                       | 30,107.10    |
| GLENCOE AND GPWA          | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 56,250.20             | -                   | -                  | 5.42                   | -          | -                       | 56,255.62    |
| GLENPOOL                  | 55,644.49                             | 56,104.55            | 6,674.83            | 59,910.71        | 6,319.72             | 146,722.93               | 50,702.05             | 955,576.69            | 21,650.29           | 108,058.96         | 50,237.65              | 56,381.04  | -                       | 1,573,983.91 |
| GLENPOOL CMO 1            | -                                     | 28,433.69            | -                   | -                | -                    | 28,187.00                | -                     | 118,641.97            | -                   | -                  | -                      | 26,548.89  | -                       | 201,811.55   |
| GLENPOOL CMO 2            | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 167,707.38            | -                   | -                  | -                      | -          | -                       | 167,707.38   |
| GLENPOOL COP              | -                                     | -                    | -                   | -                | 5,768.09             | -                        | -                     | -                     | 17,629.70           | 16,676.81          | 4,202.63               | -          | -                       | 44,277.23    |
| GOLDSBY                   | 36,653.55                             | 92,672.49            | -                   | -                | -                    | 101,561.39               | 199,150.30            | 1,007,135.56          | -                   | 990.87             | 10,055.46              | 39,100.39  | -                       | 1,487,320.01 |
| GOLTRY AND GPWA           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 15,372.98             | -                   | -                  | 59,319.84              | -          | -                       | 74,692.82    |
| GOODWELL                  | -                                     | 3.65                 | -                   | -                | -                    | 17.86                    | 8.70                  | 10.99                 | -                   | -                  | -                      | -          | -                       | 41.20        |
| GUTHRIE CMO               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 237,535.92            | -                   | -                  | -                      | -          | -                       | 237,535.92   |
| GUYMON                    | 80,345.59                             | 194,594.89           | -                   | 48,914.38        | -                    | 224,506.52               | 299,087.95            | 2,438,613.53          | 51,617.19           | 290,863.05         | 292,451.45             | 35,401.73  | -                       | 3,956,396.28 |
| GUYMON CMO                | 7,193.56                              | 10,366.03            | -                   | 25,060.08        | -                    | 6,406.34                 | 27,953.83             | -                     | 5,461.12            | 11,725.07          | -                      | 27,868.86  | -                       | 122,034.89   |
| GUYMON CMO DH             | 24,173.06                             | 77,977.82            | -                   | 3,983.66         | -                    | 90,781.43                | 120,865.88            | 645,028.02            | 26,041.68           | 1,961.83           | -                      | 11,734.50  | -                       | 1,002,547.88 |
| HARRAH                    | 18,631.42                             | 2,166.41             | -                   | -                | 493.73               | 9,851.73                 | 48,817.13             | 611,751.83            | 596.96              | 4,460.11           | 39,320.45              | 1,894.27   | -                       | 737,984.04   |
| HARRAH CMO                | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 62,151.97             | -                   | -                  | 206,212.81             | 3,041.31   | -                       | 271,406.09   |
| HARTSHORNE                | -                                     | 951.09               | -                   | -                | -                    | 1,424.93                 | 12,715.80             | 165,140.23            | -                   | -                  | 4,077.92               | -          | -                       | 184,309.97   |
| HASKELL                   | -                                     | 6,129.34             | -                   | -                | -                    | -                        | -                     | 860,263.32            | -                   | -                  | 315,626.22             | 37,216.14  | -                       | 1,219,235.02 |
| HASKELL CMO SI            | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 71,795.26             | -                   | -                  | -                      | -          | -                       | 71,795.26    |
| HEALDTON CMO              | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 29,644.79             | -                   | -                  | -                      | -          | -                       | 29,644.79    |
| HELENA                    | 9,514.13                              | -                    | -                   | -                | -                    | -                        | 60,557.72             | 190,297.05            | -                   | -                  | 7,205.70               | -          | -                       | 267,574.60   |
| HENNESSEY                 | 2,278.86                              | 8,508.18             | -                   | 7,081.74         | -                    | 5,778.05                 | 128,532.48            | 259,812.40            | -                   | 578.72             | 2,782.63               | 45,986.92  | -                       | 461,339.98   |
| HENRYETTA CMO             | 15,092.86                             | 16,288.59            | -                   | -                | -                    | 16,269.17                | -                     | 14,981.93             | -                   | -                  | -                      | -          | -                       | 62,632.55    |
| HOBART                    | 52,663.66                             | 260,489.06           | -                   | 12,037.54        | -                    | 270,175.52               | 123,130.38            | 977,255.96            | -                   | 28,987.19          | 38,572.34              | 68,525.60  | -                       | 1,831,837.25 |
| HOLLIS                    | -                                     | -                    | -                   | -                | -                    | 3.90                     | 3.75                  | 667,128.78            | 16,481.80           | 15,355.25          | 117,708.84             | 7,741.27   | -                       | 824,423.59   |
| HOMINY                    | 35,228.26                             | 118,592.22           | -                   | 60,919.22        | -                    | 112,561.57               | 112,849.56            | 621,027.42            | 6,209.66            | 198,104.06         | 227,780.24             | 47,594.06  | -                       | 1,540,866.27 |
| HOMINY CMO                | -                                     | -                    | -                   | 2,720.79         | -                    | -                        | 1,002.93              | 17,942.96             | 453.28              | 3,084.23           | 1,810.65               | -          | -                       | 27,014.84    |
| INOLA                     | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 57,858.77             | -                   | -                  | 938.94                 | -          | -                       | 58,797.71    |
| JAY                       | 29,198.90                             | 38,038.91            | 136.85              | 17,867.03        | -                    | 8,345.51                 | 57,773.98             | 672,497.51            | 23,263.46           | 82,625.76          | 270,245.00             | 61,604.63  | -                       | 1,261,597.54 |
| JENKS                     | 115,232.18                            | 145,665.48           | 12,906.92           | 13,281.74        | 69,035.23            | 236,276.85               | 148,882.34            | 1,837,751.25          | 52,356.54           | 6,607.70           | 566,806.02             | -          | -                       | 3,204,802.25 |
| JONES CITY AND JONES PWA  | 3,348.54                              | -                    | 506.30              | 16,824.26        | -                    | -                        | 19,161.20             | 90,661.52             | -                   | 5,078.48           | 39,341.66              | 50,896.12  | -                       | 225,818.08   |
| KAW CITY                  | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 17,441.95             | -                   | -                  | 129.41                 | -          | -                       | 17,571.36    |
| KONAWA AND KPWA           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 41,364.40             | -                   | -                  | 26,354.95              | 729.86     | -                       | 68,449.21    |
| LAHOMA                    | 2,237.83                              | 8,327.35             | -                   | -                | -                    | 5,558.46                 | 5,349.13              | 112,654.21            | 6,216.27            | 14.35              | 1,330.61               | -          | -                       | 141,688.21   |
| LAWTON                    | 582.51                                | 1,283.63             | -                   | 4,614.37         | 173.72               | 4,697.68                 | 5,372.99              | 1,095,528.41          | -                   | 3,709.22           | 94,981.10              | -          | -                       | 1,210,943.63 |
| LAWTON CMO                | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 31,369.61             | -                   | -                  | -                      | -          | -                       | 31,369.61    |
| LINDSAY & LPWA            | 1,402.97                              | 676.65               | -                   | 2,811.86         | -                    | -                        | 4,974.06              | 184,162.46            | 378.62              | 658.70             | 5,125.35               | -          | -                       | 200,190.67   |
| LINDSAY AND LPWA CMO      | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 76,239.31             | -                   | -                  | -                      | -          | -                       | 76,239.31    |
| LONE GROVE                | 3,971.56                              | 4,509.03             | 607.66              | 10,673.26        | -                    | 31,283.43                | 12,688.53             | 428,807.19            | 3,369.31            | 7,982.85           | 138,294.30             | 20,873.41  | -                       | 663,060.53   |
| LONE GROVE CMO            | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 116,988.66            | -                   | -                  | -                      | 175.18     | -                       | 117,163.84   |
| MANGUM UTILITIES AUTH CMC | -                                     | -                    | -                   | -                | 89,752.56            | -                        | -                     | -                     | -                   | 344,643.92         | -                      | -          | -                       | 434,396.48   |
| MANNFORD CMO CM           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 790,509.69            | -                   | -                  | -                      | -          | -                       | 790,509.69   |
| MANNFORD CMO DH           | -                                     | 69,604.74            | -                   | -                | -                    | 45,834.76                | 43,568.06             | 521,001.14            | -                   | -                  | -                      | -          | -                       | 680,008.70   |
| MANNFORD CMO SI           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 12,136.82             | -                   | -                  | -                      | -          | -                       | 12,136.82    |

**OKLAHOMA MUNICIPAL REITREMENT FUND**  
**DEFINED CONTRIBUTION**  
**June 30, 2021**

| PLAN NAME                | INTERNATIONAL<br>INVESTMENT<br>EQUITY | AGGRESSIVE<br>EQUITY | REAL ASSETS<br>FUND | GLOBAL<br>EQUITY | ESG US STOCK<br>FUND | GROWTH &<br>VALUE EQUITY | S&P 500 INDEX<br>FUND | TARGET DATE<br>FUNDS* | TOTAL YIELD<br>BOND | BOND INDEX<br>FUND | VOYA FIXED<br>PLUS III | LOAN FUND  | SELF DIRECTED<br>BROKER | GRAND TOTAL   |
|--------------------------|---------------------------------------|----------------------|---------------------|------------------|----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------------|------------------------|------------|-------------------------|---------------|
| MANNSVILLE               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 91,952.92             | -                   | -                  | 1,236.27               | 10,395.62  | -                       | 103,584.81    |
| MARLOW                   | 18,094.10                             | 134,607.56           | -                   | 59,916.32        | -                    | 68,508.91                | 146,098.61            | 1,648,696.21          | 15,687.47           | 83,499.35          | 104,964.21             | 65,948.04  | -                       | 2,346,020.78  |
| MARLOW CMO               | 29,567.06                             | -                    | -                   | 46,956.92        | -                    | -                        | 95,959.25             | -                     | -                   | 10,930.71          | 63,862.09              | -          | -                       | 247,276.03    |
| MAYSVILLE                | 2,143.64                              | 689.00               | -                   | -                | -                    | 2,076.67                 | 124.95                | 110,420.26            | -                   | 787.51             | 250.29                 | -          | -                       | 116,492.32    |
| MCALESTER                | 36,653.20                             | 32,640.04            | -                   | 13,998.80        | -                    | 13,754.63                | 87,411.82             | 1,250,193.07          | 21,228.33           | 7,523.94           | 28,179.87              | -          | -                       | 1,491,583.70  |
| MCLOUD CMO               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 41,848.70             | -                   | -                  | -                      | -          | -                       | 41,848.70     |
| MEEKER CMO               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 25,775.09             | -                   | -                  | 18.72                  | -          | -                       | 25,793.81     |
| MIDWEST CITY             | 1,098,869.46                          | 2,764,084.21         | 11,521.40           | 1,300,745.83     | 198,892.42           | 2,668,772.04             | 4,246,466.89          | 34,238,473.87         | 1,980,802.74        | 2,427,936.99       | 8,596,891.88           | 893,340.63 | -                       | 60,426,798.36 |
| MOORELAND CMO            | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 25,678.97             | -                   | -                  | -                      | 6,876.28   | -                       | 32,555.25     |
| MORRIS AND MORRIS PWA    | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 64,876.57             | -                   | -                  | 2,509.68               | 1,500.00   | -                       | 68,886.25     |
| MOUNDS                   | -                                     | -                    | -                   | -                | -                    | -                        | 10,194.75             | 24,058.86             | -                   | -                  | -                      | 5,279.70   | -                       | 39,533.31     |
| MUSKOGEE                 | 1,088,916.21                          | 1,625,379.00         | 73,483.40           | 763,789.54       | 335,029.33           | 2,295,250.58             | 1,711,120.99          | 15,886,168.38         | 320,533.95          | 1,461,963.46       | 3,026,272.07           | 888,273.28 | 17,153.53               | 29,493,333.72 |
| MUSKOGEE CMO             | -                                     | -                    | -                   | -                | -                    | 151,612.10               | 144,301.33            | 193,637.74            | -                   | -                  | -                      | -          | -                       | 489,551.17    |
| MUSKOGEE REDEVELOPMENT A | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 12,292.09             | -                   | -                  | -                      | -          | -                       | 12,292.09     |
| NEW PRUE                 | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 4,870.50              | -                   | -                  | -                      | -          | -                       | 4,870.50      |
| NEWKIRK                  | 8,938.50                              | 32,505.89            | -                   | -                | -                    | 18,474.48                | 80,258.68             | 273,426.54            | 21,023.75           | 15,494.81          | 11,329.36              | 10,281.66  | -                       | 471,733.67    |
| NEWKIRK CMO              | 5,142.27                              | 5,758.74             | -                   | -                | -                    | 5,326.12                 | 20,957.19             | 7,314.18              | 14,893.56           | 40,933.25          | -                      | -          | -                       | 100,325.31    |
| NICOMA PARK              | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 1,060,226.10          | -                   | -                  | -                      | -          | -                       | 1,060,226.10  |
| NOBLE CMO                | -                                     | 51,106.01            | -                   | -                | -                    | -                        | -                     | -                     | -                   | -                  | 201,809.92             | -          | -                       | 252,915.93    |
| OAKLAND                  | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 69,319.50             | -                   | -                  | -                      | 26,085.09  | -                       | 95,404.59     |
| OK MUN ASSURANCE GROUP   | 65,501.06                             | 78,864.12            | -                   | 124,589.99       | 37,544.17            | 148,985.96               | 266,197.39            | 7,505,271.14          | 160,179.61          | 538,947.35         | 346,633.64             | 69,131.70  | 45,159.91               | 9,387,006.04  |
| OK MUN MANAGEMENT SERV   | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 75,890.45             | -                   | -                  | -                      | -          | -                       | 75,890.45     |
| OK MUN UTILITY SERV AUTH | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 708,272.77            | -                   | -                  | 22,104.65              | 3,336.79   | -                       | 733,714.21    |
| OKEENE CMO               | 1,986.45                              | 1,852.29             | -                   | -                | -                    | 2,020.19                 | 1,283.78              | 3,017.92              | 782.25              | 754.30             | 692.96                 | -          | -                       | 12,390.14     |
| OKEMAH CMO               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 27,634.60             | -                   | -                  | -                      | -          | -                       | 27,634.60     |
| OKMRF CMO PLAN           | -                                     | 299,014.27           | -                   | -                | -                    | 511,040.65               | -                     | -                     | 270,230.54          | -                  | -                      | -          | -                       | 1,080,285.46  |
| OKMULGEE                 | 138,136.91                            | 619,364.06           | 376.53              | 123,590.73       | -                    | 500,513.90               | 914,386.62            | 1,713,758.72          | 64,351.58           | 168,174.83         | 465,454.76             | -          | -                       | 4,708,108.64  |
| OKMULGEE CMO             | 15,816.94                             | 19,564.75            | -                   | -                | -                    | -                        | 52,810.88             | 67,166.89             | 12,140.87           | 5,825.08           | 5,386.44               | -          | -                       | 178,711.85    |
| OMAG CEO                 | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 104,575.57            | -                   | -                  | -                      | -          | -                       | 104,575.57    |
| OMMS                     | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 11,404.49             | -                   | -                  | -                      | -          | -                       | 11,404.49     |
| OMUSA CMO                | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 263,735.17            | -                   | -                  | -                      | -          | -                       | 263,735.17    |
| OLUSTEE                  | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 54,220.71             | -                   | -                  | -                      | -          | -                       | 54,220.71     |
| OWASSO                   | 328,644.17                            | 500,641.97           | 8,561.75            | 133,558.20       | 18,385.42            | 760,634.26               | 436,172.01            | 5,847,645.46          | 114,649.36          | 275,209.51         | 329,330.75             | 263,620.88 | -                       | 9,017,053.74  |
| PAULS VALLEY             | 76,994.79                             | 164,665.53           | 1,122.86            | 52,302.36        | -                    | 32,579.00                | 428,226.65            | 1,140,390.35          | 3,423.45            | 143,823.17         | 134,668.64             | 124,690.74 | -                       | 2,302,887.54  |
| PAULS VALLEY CMO         | -                                     | -                    | -                   | 42,233.65        | -                    | -                        | 7,209.74              | -                     | -                   | 265,462.60         | -                      | 5,200.31   | -                       | 320,106.30    |
| PAWHUSKA                 | 92,254.09                             | 90,088.75            | 65,194.29           | 21,988.76        | -                    | 64,735.65                | 357,509.05            | 1,340,647.91          | 54,649.67           | 20,750.17          | 130,812.62             | 86,704.47  | -                       | 2,325,335.43  |
| PERKINS CMO              | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 148,754.89            | -                   | -                  | -                      | -          | -                       | 148,754.89    |
| PIEDMONT                 | 45,633.43                             | 48,320.66            | -                   | 16,162.78        | 5,769.96             | 67,891.50                | 94,944.94             | 283,967.34            | 42,122.61           | 26,609.44          | 44,978.69              | -          | -                       | 676,401.35    |
| PIEDMONT CMO             | -                                     | -                    | -                   | -                | -                    | 63,919.64                | 60,840.35             | -                     | -                   | -                  | -                      | -          | -                       | 124,759.99    |
| POCOLA                   | 7,147.56                              | 23,551.78            | -                   | 14,066.20        | -                    | 3,015.70                 | 36,588.04             | 246,043.79            | 3,857.20            | 276.80             | 18,797.99              | 34,000.00  | -                       | 387,345.06    |
| POCOLA P-T               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 6,417.15              | -                   | -                  | -                      | -          | -                       | 6,417.15      |
| PORUM                    | 34,090.27                             | 27,834.80            | -                   | -                | -                    | 6,701.84                 | 595,856.11            | 34,476.46             | 22,046.30           | 15,042.86          | 85,975.76              | 19,917.64  | -                       | 841,942.04    |
| PRAGUE                   | 12,056.43                             | 44,094.79            | 218.03              | 21,987.15        | -                    | 26,004.27                | 27,826.41             | 561,710.54            | -                   | 9,780.11           | 129,041.98             | 86,602.65  | -                       | 919,322.36    |
| PRAGUE CMO               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 132,281.82            | -                   | -                  | -                      | -          | -                       | 132,281.82    |
| PRAIRIE POINTE AT STROUD | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 18,936.58             | -                   | -                  | -                      | -          | -                       | 18,936.58     |
| RINGWOOD                 | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 73,543.06             | -                   | -                  | -                      | -          | -                       | 73,543.06     |
| ROFF AND ROFF PWA        | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 38,487.07             | -                   | -                  | -                      | -          | -                       | 38,487.07     |
| ROLAND                   | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 4,686.87              | -                   | -                  | -                      | -          | -                       | 4,686.87      |
| SAND SPRINGS             | 405,829.82                            | 1,031,826.14         | 37,223.03           | 336,800.59       | 5,811.04             | 709,769.12               | 1,527,348.29          | 8,851,854.07          | 382,396.41          | 495,499.68         | 2,387,847.56           | 407,048.78 | -                       | 16,579,254.53 |
| SAND SPRINGS CMO         | 3,776.08                              | 2,183.97             | 1,365.79            | -                | 1,377.01             | 3,585.47                 | -                     | -                     | 1,342.13            | -                  | 253,873.46             | -          | -                       | 267,503.91    |
| SAPULPA                  | 314,533.33                            | 516,969.71           | 50.67               | 35,369.06        | -                    | 615,652.38               | 687,241.68            | 1,966,359.35          | 18,962.97           | 322,366.54         | 342,743.79             | -          | -                       | 4,820,249.48  |
| SAPULPA CMO              | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 141,086.29            | -                   | -                  | -                      | -          | -                       | 141,086.29    |
| SAPULPA CMO-SI CA        | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 22,095.04             | -                   | -                  | -                      | -          | -                       | 22,095.04     |
| SAVANNA                  | -                                     | -                    | -                   | 407.69           | -                    | -                        | 1,844.33              | 128,648.13            | 3,667.65            | 11,010.02          | 3,539.27               | -          | -                       | 149,117.09    |
| SAYRE                    | 10,341.91                             | 38,602.50            | -                   | -                | -                    | 23,662.89                | 17,879.71             | 593,650.24            | 599.65              | 12,961.07          | 522,209.58             | -          | -                       | 1,219,907.55  |
| SAYRE CMO                | -                                     | -                    | -                   | -                | -                    | -                        | -                     | -                     | -                   | -                  | 347,466.12             | -          | -                       | 347,466.12    |
| SEILING                  | 11,927.56                             | 15,669.22            | 624.74              | 1,266.24         | -                    | 9,554.00                 | 16,723.56             | 94,426.12             | 16,555.91           | 69.50              | 17,941.05              | 9,156.27   | -                       | 193,914.17    |
| SEILING CMO              | 6,109.61                              | 6,430.40             | -                   | -                | -                    | 8,554.52                 | 6,876.94              | 66,254.08             | 3,771.21            | 1,986.07           | -                      | -          | -                       | 99,982.83     |
| SEMINOLE                 | 34,726.27                             | 223,017.82           | -                   | 9,004.49         | -                    | 182,942.71               | 395,760.70            | 1,975,222.77          | 37.26               | 14,129.77          | 423,609.11             | 71,520.85  | -                       | 3,329,971.75  |



OKLAHOMA MUNICIPAL REITREMENT FUND  
DEFINED CONTRIBUTION  
June 30, 2021

| PLAN NAME                | INTERNATIONAL<br>INVESTMENT<br>EQUITY | AGGRESSIVE<br>EQUITY | REAL ASSETS<br>FUND | GLOBAL<br>EQUITY | ESG US STOCK<br>FUND | GROWTH &<br>VALUE EQUITY | S&P 500 INDEX<br>FUND | TARGET DATE<br>FUNDS* | TOTAL YIELD<br>BOND | BOND INDEX<br>FUND | VOYA FIXED<br>PLUS III | LOAN FUND    | SELF DIRECTED<br>BROKER | GRAND TOTAL    |
|--------------------------|---------------------------------------|----------------------|---------------------|------------------|----------------------|--------------------------|-----------------------|-----------------------|---------------------|--------------------|------------------------|--------------|-------------------------|----------------|
| SEMINOLE CMO             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 186,910.03            | -                   | -                  | 779,033.34             | 30,072.50    | -                       | 996,015.87     |
| SHAWNEE                  | 144,870.82                            | 601,237.92           | -                   | 32,899.86        | -                    | 403,410.26               | 348,149.53            | 2,482,636.55          | 43,651.99           | 216,028.51         | 267,792.94             | 185,828.07   | -                       | 4,726,506.45   |
| SHAWNEE CMO DH           | 111,681.16                            | 253,210.59           | -                   | 54,378.93        | -                    | 174,646.43               | 357,252.63            | 867,320.52            | 21,826.54           | 90,130.82          | 35,335.64              | 26,072.15    | -                       | 1,991,855.41   |
| SHAWNEE CMO SI           | 8,397.07                              | 10,332.74            | -                   | -                | -                    | 19,151.04                | 18,199.56             | 128,939.10            | -                   | -                  | -                      | -            | -                       | 185,019.51     |
| SHAWNEE NEW HIRE         | 13,039.09                             | 20,815.73            | 1,005.64            | 35,602.29        | 1,026.04             | 54,252.69                | 80,745.07             | 1,149,989.03          | 4,275.49            | 17,320.06          | 31,307.35              | 48,176.85    | -                       | 1,457,555.33   |
| SKIATOOK                 | 170,520.74                            | 370,477.45           | 137.81              | 44,055.66        | -                    | 466,476.47               | 490,635.29            | 1,840,679.45          | 5,571.61            | 176,417.35         | 427,756.73             | 153,114.32   | -                       | 4,145,842.88   |
| SKIATOOK CMO             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 201,395.09            | -                   | -                  | -                      | 5,444.93     | -                       | 206,840.02     |
| SLAUGHTERVILLE           | 835.98                                | 268.86               | -                   | 1,730.55         | -                    | -                        | 105,807.46            | 11,901.19             | -                   | 492.88             | 65,975.23              | -            | -                       | 187,012.15     |
| SNYDER                   | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 119,666.87            | -                   | -                  | 59.80                  | 7,654.21     | -                       | 127,380.88     |
| STILLWATER               | 2,223,448.31                          | 4,402,179.16         | 95,884.19           | 3,003,599.54     | 64,182.64            | 6,175,550.54             | 7,774,930.78          | 27,340,520.34         | 663,441.66          | 4,437,816.39       | 4,580,462.24           | 1,205,920.29 | 211,452.81              | 62,179,388.89  |
| STILLWATER CMO           | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 518,267.78            | -                   | -                  | -                      | -            | -                       | 518,267.78     |
| STRINGTOWN               | 5,193.91                              | 8,322.72             | -                   | -                | -                    | 22,584.41                | -                     | 10,060.65             | -                   | -                  | 94,340.59              | -            | -                       | 140,502.28     |
| STROUD                   | 16,005.49                             | 59,833.28            | 13,516.53           | 32,933.75        | 601.10               | 51,003.74                | 94,552.10             | 597,054.19            | 18,556.46           | 12,369.31          | 89,750.49              | 26,593.43    | -                       | 1,012,769.87   |
| STROUD CMO               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 272,174.95            | -                   | -                  | -                      | -            | -                       | 272,174.95     |
| SULPHUR CMO              | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 140,783.17            | -                   | -                  | -                      | -            | -                       | 140,783.17     |
| TECUMSEH                 | 21,325.67                             | 10,975.92            | -                   | -                | -                    | 279,757.06               | 62,772.34             | 1,242,111.29          | 65,517.49           | 116,747.35         | 177,501.07             | 96,600.33    | -                       | 2,073,308.52   |
| TECUMSEH CMO             | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 207,208.25            | -                   | -                  | 19,876.63              | -            | -                       | 227,084.88     |
| TERRAL                   | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 16,185.44             | -                   | -                  | -                      | 6,157.36     | -                       | 22,342.80      |
| TEXHOMA AND PWA          | 20,899.04                             | 532.11               | -                   | 81,920.25        | -                    | 1,336.03                 | 64,887.07             | 496,976.40            | 344.09              | 43,556.00          | 75,715.27              | 17,676.48    | -                       | 803,842.74     |
| THACKERVILLE             | -                                     | 463.85               | -                   | -                | -                    | -                        | 3,460.37              | 31,899.06             | -                   | 884.44             | 0.51                   | -            | -                       | 36,708.23      |
| TISHOMINGO               | 552.41                                | 21,102.72            | -                   | 24,689.23        | -                    | -                        | 65,973.42             | 386.48                | -                   | -                  | 38,612.41              | -            | -                       | 151,316.67     |
| TISHOMINGO CMO           | -                                     | -                    | 2,849.93            | 49,671.20        | -                    | -                        | 31,451.86             | 33,681.68             | -                   | 33,530.16          | 23,537.15              | -            | -                       | 174,721.98     |
| TONKAWA CMO              | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 103,770.13            | -                   | -                  | -                      | -            | -                       | 103,770.13     |
| TYRONE AND TPWA          | -                                     | -                    | -                   | -                | -                    | -                        | -                     | -                     | -                   | -                  | 90.09                  | -            | -                       | 90.09          |
| UNION CITY               | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 76,312.44             | -                   | -                  | 2,088.75               | -            | -                       | 78,401.19      |
| VALLEY BROOK             | 20,307.85                             | 148,232.20           | -                   | -                | -                    | 148,305.30               | 147,502.87            | 139,707.45            | -                   | -                  | -                      | 69,984.21    | -                       | 674,039.88     |
| VALLEY BROOK NEW HIRE    | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 72,532.24             | -                   | -                  | 10,757.81              | -            | -                       | 83,290.05      |
| VERDIGRIS                | 33,311.78                             | 34,685.06            | -                   | -                | -                    | 29,547.83                | 11,377.03             | 142,888.95            | -                   | 12,080.17          | -                      | 2,053.90     | -                       | 265,944.72     |
| WALTERS                  | 1,520.65                              | -                    | -                   | -                | -                    | 155,369.08               | 166,198.31            | 535,472.56            | -                   | 70,060.02          | 13,527.73              | 16,772.48    | -                       | 958,920.83     |
| WALTERS CMO              | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 11,876.35             | -                   | -                  | -                      | 2,760.94     | -                       | 14,637.29      |
| WARNER                   | 3,651.55                              | -                    | -                   | -                | -                    | -                        | -                     | 126,234.39            | -                   | -                  | 30,761.61              | 49,084.66    | -                       | 209,732.21     |
| WARR ACRES               | 62,392.53                             | 119,666.81           | 148.68              | 18,376.65        | -                    | 64,045.48                | 381,041.75            | 652,649.34            | 7,108.01            | 92,733.72          | 153,075.79             | 56,107.84    | -                       | 1,607,346.60   |
| WAURIKA CMO              | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 166.08                | -                   | -                  | -                      | -            | -                       | 166.08         |
| WAYNOKA                  | 6,481.82                              | 9,861.02             | -                   | -                | -                    | 18,825.32                | 7,852.54              | 569,197.77            | -                   | -                  | 117.70                 | -            | -                       | 612,336.17     |
| WAYNOKA CMO              | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 92,765.63             | -                   | -                  | -                      | -            | -                       | 92,765.63      |
| WAYNOKA MENTAL HEALTH AU | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 8,752.69              | -                   | -                  | -                      | -            | -                       | 8,752.69       |
| WEATHERFORD              | 270,230.71                            | 190,701.92           | 56,331.92           | 258,117.13       | 17,229.72            | 155,937.28               | 300,392.93            | 3,753,168.89          | 178,335.46          | 81,971.39          | 726,691.01             | -            | -                       | 5,989,108.36   |
| WELEETKA                 | 20.56                                 | 1,979.70             | -                   | -                | -                    | 672.28                   | 220.60                | 4,979.58              | -                   | 8.11               | 10,807.63              | -            | -                       | 18,688.46      |
| WEST SILOAM SPRINGS      | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 325,455.71            | -                   | -                  | -                      | 18,444.26    | -                       | 343,899.97     |
| WESTVILLE                | -                                     | 345.13               | -                   | -                | -                    | 386.85                   | -                     | -                     | -                   | 109.39             | 1,766.31               | -            | -                       | 2,607.68       |
| WOODWARD                 | 40,421.30                             | 119,651.20           | -                   | -                | -                    | 75,546.36                | 212,769.81            | 2,824,227.58          | 10,609.97           | 4,043.22           | 20,155.42              | -            | -                       | 3,307,424.86   |
| WOODWARD CMO             | -                                     | -                    | -                   | -                | -                    | 107,739.44               | -                     | 590,277.70            | 93,176.22           | -                  | -                      | -            | -                       | 791,193.36     |
| YALE CMO                 | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 66.15                 | -                   | -                  | -                      | -            | -                       | 66.15          |
| YUKON CMO                | -                                     | -                    | -                   | -                | -                    | -                        | -                     | 159,569.40            | -                   | -                  | -                      | -            | -                       | 159,569.40     |
| YUKON DC NEW HIRE        | 54,653.39                             | 48,093.64            | -                   | 73,230.59        | -                    | 125,645.32               | 260,410.76            | 2,483,240.10          | 13,763.23           | 43,744.95          | 184,102.99             | -            | 1,997.10                | 3,288,882.07   |
| Grand Total              | 10,264,892.79                         | 23,333,547.99        | 682,304.88          | 11,026,432.32    | 1,419,519.24         | 27,945,896.85            | 38,249,724.95         | 228,932,990.84        | 6,684,388.76        | 16,530,355.53      | 41,520,931.62          | 8,103,583.00 | 281,705.71              | 414,976,274.48 |

\*TARGET DATE FUNDS

|                        |                       |
|------------------------|-----------------------|
| TARGET DATE 2065       | 150,042.81            |
| TARGET DATE 2060       | 5,379,260.28          |
| TARGET DATE 2055       | 7,450,063.32          |
| TARGET DATE 2050       | 12,571,568.51         |
| TARGET DATE 2045       | 15,993,811.32         |
| TARGET DATE 2040       | 21,219,858.24         |
| TARGET DATE 2035       | 28,712,268.15         |
| TARGET DATE 2030       | 32,715,295.11         |
| TARGET DATE 2025       | 45,922,431.92         |
| TARGET DATE 2020       | 35,061,666.52         |
| TARGET DATE RETIREMENT | 23,756,724.66         |
|                        | <u>228,932,990.84</u> |

**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**Monthly Budget Activity**  
**Jul-21**

|                                | CURRENT MONTH |            | ACTUAL YEAR-TO-DATE |            | Y-T-D BUDGETED | PROJECTED    |
|--------------------------------|---------------|------------|---------------------|------------|----------------|--------------|
|                                | TRANSFERRED   | PAID       | TRANSFERRED         | PAID       | AMOUNT         | F-Y BUDGET   |
| Actuary & Recordkeeping        | 52,121.59     | 52,121.59  | 52,121.59           | 52,121.59  | 49,525.00      | 594,300.00   |
| Administration                 | 104,235.47    | 104,235.47 | 104,235.47          | 104,235.47 | 104,583.34     | 1,255,000.00 |
| Attorney                       | 13,574.00     | 13,574.00  | 13,574.00           | 13,574.00  | 8,250.00       | 99,000.00    |
| Audit                          | 5,125.00      | 0.00       | 5,125.00            | 0.00       | 5,125.00       | 61,500.00    |
| Board Travel                   | 3,352.34      | 3,352.34   | 3,352.34            | 3,352.34   | 4,875.00       | 58,500.00    |
| Employer Directed Expense      | 1,904.00      | 1,904.00   | 1,904.00            | 1,904.00   | 1,833.33       | 22,000.00    |
| Insurance                      | 14,010.66     | 14,828.00  | 14,010.66           | 14,828.00  | 14,458.33      | 173,500.00   |
| Investment Advisors            | 58,101.15     | 160,019.55 | 58,101.15           | 160,019.55 | 58,894.33      | 706,732.00   |
| Custodial                      | 9,218.84      | 9,218.84   | 9,218.84            | 9,218.84   | 13,583.33      | 163,000.00   |
| Investment Consultant          | 12,028.67     | 0.00       | 12,028.67           | 0.00       | 12,028.67      | 144,344.00   |
| Public Relations               | 0.00          | 0.00       | 0.00                | 0.00       | 2,175.00       | 26,100.00    |
| Representative Travel          | 2,518.32      | 2,518.32   | 2,518.32            | 2,518.32   | 3,805.42       | 45,665.00    |
| <b>EXPENSES BEFORE CREDITS</b> | 276,190.04    | 361,772.11 | 276,190.04          | 361,772.11 | 279,136.75     | 3,349,641.00 |
| <b>Less: Credits</b>           | (9,404.00)    | (9,404.00) | (9,404.00)          | (9,404.00) | (10,666.67)    | (128,000.00) |
| <b>TOTAL EXPENSES</b>          | 266,786.04    | 352,368.11 | 266,786.04          | 352,368.11 | 268,470.08     | 3,221,641.00 |

**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**Income Transfers for Monthly & Prepaid Expenses**  
***Paid in July 2021 based on June 30, 2021 Asset Values***

| <b>ASSET ACCOUNT</b>                        | <b>ADMIN<br/>EXPENSES</b> | <b>CUSTODIAL<br/>CHARGES</b> | <b>INVESTMENT<br/>CHARGES</b> | <b>TOTAL<br/>INVESTMENT EXP</b> | <b>TOTAL<br/>EXPENSES</b> |
|---------------------------------------------|---------------------------|------------------------------|-------------------------------|---------------------------------|---------------------------|
| DB ST STR S&P 500 FLAGSHIP FUND<br>447 1541 | \$33,215.54               | \$1,458.36                   | \$0.00                        | 1,458.36                        | \$34,673.90               |
| DB RIVER ROAD ASSETS<br>447 1539            | \$6,081.63                | \$983.80                     | \$28,094.69                   | 29,078.49                       | \$35,160.12               |
| DB TIMESSQUARE SMID - G<br>447 1540         | \$5,352.02                | \$1,624.22                   | \$24,535.13                   | 26,159.35                       | \$31,511.37               |
| DB LONG/SHORT EQUITY FUND<br>447 1543       | \$11,091.41               | \$1,417.97                   | \$5,471.33                    | 6,889.30                        | \$17,980.71               |
| DB INTERNATIONAL EQUITY<br>447 1542         | \$30,133.98               | \$1,552.24                   | \$0.00                        | 1,552.24                        | \$31,686.22               |
| DB FIXED INCOME<br>447 1555                 | \$27,323.66               | \$1,423.00                   | \$0.00                        | 1,423.00                        | \$28,746.66               |
| DB REAL ESTATE<br>447 1557                  | \$5,401.55                | \$453.55                     | \$0.00                        | 453.55                          | \$5,855.10                |
| DB MISCELLANEOUS<br>447 1558                | \$162.07                  | \$131.11                     | \$0.00                        | 131.11                          | \$293.18                  |
| DC VOYA<br>Various                          | \$80,704.19               | \$174.59                     | \$0.00                        | 174.59                          | \$80,878.78               |
| <b>TOTAL TRANSFERS</b>                      | <b>\$199,466.05</b>       | <b>\$9,218.84</b>            | <b>\$58,101.15</b>            | <b>\$67,319.99</b>              | <b>\$266,786.04</b>       |



**OKLAHOMA MUNICIPAL RETIREMENT FUND**  
**Administrative/Expense Accounts Reconciliations**  
**as of June 30, 2021**

**CHECKING ACCOUNT**

|                                                                     |                |
|---------------------------------------------------------------------|----------------|
| Balance as of May 31, 2021                                          | \$5.00         |
| <b>Deposits:</b>                                                    |                |
| DB Fees Transferred From Administrative Account                     | \$173,533.74   |
| DC Fees Transferred From Administrative Account                     | \$47,997.37    |
| <b>Payment of Fees and Expenses:</b>                                |                |
| Transfer (In)/Out of Prepaid Expenses                               | (\$32,425.00)  |
| Administrative, Custodial and Investment fees paid in current month | (\$189,106.11) |
| Balance as of June 30, 2021                                         | <u>\$5.00</u>  |

**ADMINISTRATIVE RESERVE ACCOUNT**

**Administrative Activity**

|                                            |                     |
|--------------------------------------------|---------------------|
| Beginning Balance                          | \$105,749.62        |
| Professional fees paid directly to Trust   | \$0.00              |
| Transfer from DB Deposit Account:          |                     |
| Professional Fees Reimbursement            | \$0.00              |
| Interest                                   | \$0.00              |
| Transfer from Investment Accounts          |                     |
| Administrative Expenses                    | \$106,127.12        |
| Investment Expenses                        | \$67,406.62         |
| Accrued Interest Earned in Admin. Account  | \$0.00              |
| Transfers to Checking Account for Expenses | (\$173,533.74)      |
| Ending Balance                             | <u>\$105,749.62</u> |

**Prepaid Expenses**

|                                       |                     |
|---------------------------------------|---------------------|
| Beginning Balance                     | \$88,696.44         |
| Transfer In/(Out) of Prepaid Expenses | \$32,425.00         |
| Ending Balance                        | <u>\$121,121.44</u> |

**Reserve Account**

|                                                           |                     |
|-----------------------------------------------------------|---------------------|
| Beginning Balance                                         | \$534,779.91        |
| Sigma Asset from JPMorgan Sec Lending (cost \$193,054.54) | \$0.00              |
| Commission Recapture                                      | \$0.00              |
| JPMorgan DC Uncashed checks                               | (\$321.85)          |
| DC Administrative Expense/Errors                          |                     |
| DC Fees Collected (VOYA)                                  | \$106,529.40        |
| DC Recordkeeping Expenses (VOYA)                          | (\$36,617.55)       |
| DC Fees Transferred to Checking Account for Expenses      | (\$47,997.37)       |
| Ending Balance                                            | <u>\$556,372.54</u> |
| Balance as of June 30, 2021                               | <u>\$783,243.60</u> |

**RESERVE FUNDING ANALYSIS:**

|                                       |                     |
|---------------------------------------|---------------------|
| Reserve Funding Available             | \$556,372.54        |
| Sigma Asset from JPMorgan Sec Lending | (\$165.53)          |
| Insurance Deductible Funding          | (\$150,000.00)      |
| DC Administrative Expense/Errors      | (\$239,931.87)      |
| JPMorgan DC Uncashed checks           | (\$7,107.40)        |
| Net Surplus as of June 30, 2021       | <u>\$159,167.74</u> |

# Register Report - Current Month

7/1/2021 through 7/31/2021

7/23/2021

Page 1

| Date                        | Description                          | Memo                                              | Amount      |
|-----------------------------|--------------------------------------|---------------------------------------------------|-------------|
| <b>BALANCE 6/30/2021</b>    |                                      |                                                   | <b>5.00</b> |
| 7/30/2021                   | DEAN ACTUARIES, LLC                  | DB Annual Studies                                 | -12,117.00  |
|                             |                                      | Server                                            | -850.00     |
|                             |                                      | Retainer                                          | -1,083.00   |
|                             |                                      | ER Directed                                       | -1,904.00   |
|                             |                                      | DB Misc                                           | -885.00     |
| 7/30/2021                   | DAVID DAVIS                          | Retainer                                          | -2,500.00   |
| 7/30/2021                   | McAFEE & TAFT                        | Retainer                                          | -11,074.00  |
| 7/30/2021                   | OK Police Pension & Retirement Sy... | Aug 2021 Rent 7340.76 Parking 300                 | -7,640.76   |
| 7/30/2021                   | Tammy Johnson                        | Bd Mtg Travel Exp                                 | -55.40      |
| 7/30/2021                   | Robert Johnston                      | Bd Mtg Travel Exp                                 | -105.80     |
| 7/30/2021                   | Hollis Tinker                        | Bd Mtg Travel Exp                                 | -132.08     |
|                             |                                      | Trustee Training                                  | -493.00     |
| 7/30/2021                   | DONNA DOOLEN                         | Bd Mtg Travel Exp                                 | -106.92     |
| 7/30/2021                   | Joe Don Dunham                       | Bd Mtg Travel Exp                                 | -304.04     |
| 7/30/2021                   | Timothy Rooney                       | Bd Mtg Travel Exp                                 | -29.64      |
| 7/30/2021                   | JIM LUCKETT Jr                       | Bd Mtg Travel Exp                                 | -38.60      |
| 7/30/2021                   | CHRIS WHATLEY                        | Rep Trvl - Mileage                                | -204.40     |
|                             |                                      | Rep Trvl Cong                                     | 2.71        |
| 7/30/2021                   | Katie Girardi                        | Rep Trvl Mileage                                  | -625.52     |
|                             |                                      | Rep Trvl Conf                                     | -57.26      |
|                             |                                      | Rep Trvl Exp                                      | -40.25      |
| 7/30/2021                   | Gloria Cudjoe                        | Rep Trvl Mileage                                  | -60.48      |
|                             |                                      | Bd Mtg                                            | -56.41      |
| 7/30/2021                   | OMRF Payroll Acct                    | Prefund future payrolls                           | -89,600.00  |
| 7/30/2021                   | Chase Cards Services                 | Supplies                                          | -193.68     |
|                             |                                      | Phone/Internet                                    | -1,040.45   |
|                             |                                      | Office Space & Equip                              | -96.98      |
|                             |                                      | Postage                                           | -526.99     |
|                             |                                      | Rep Exp/Dues                                      | -575.45     |
|                             |                                      | Trustee Trvl-Trng                                 | -240.45     |
|                             |                                      | Trustee Addtl Trvl                                | -190.00     |
|                             |                                      | Rep Trvl Conf                                     | -457.67     |
|                             |                                      | Staff                                             | -50.40      |
| 7/30/2021                   | Cox Communications Inc               | Phone, Internet & Cable as of 07-15-21            | -2,594.34   |
| 7/30/2021                   | JPMORGAN CHASE BANK, NA              | Acct Analysis - DDA 06/2021                       | -372.77     |
| 7/30/2021                   | The Northern Trust Company           | Custodial Services for May 2021 Invoice June 2... | -8,846.07   |
| 7/30/2021                   | River Road Asset Managment, LLC      | 2nd Qtr 2021 Money Manager Fees                   | -85,583.20  |
| 7/30/2021                   | TimeSquare Capital Management, L...  | 2nd Qtr 2021 Money Manager Fees                   | -74,436.35  |
| 7/30/2021                   | Hartford Insurance                   | Property Insurance Premium 9/2021 to 9/2022       | -3,460.00   |
| 7/30/2021                   | OMAG                                 | Liability Ins premiums 8/2021 to 8/2022           | -11,368.00  |
| 7/30/2021                   | Oklahoma Trustee Conference          | Trustee Training                                  | -1,600.00   |
|                             |                                      | Rep Travel Conf                                   | -500.00     |
| 7/30/2021                   | Rite-Way Shredding                   | Shredding Services Inv #113697 (7-20-2021)        | -55.00      |
| 7/30/2021                   | STANDLEY SYSTEMS                     | Contract Aug 21 \$287.03 & 2nd Qtr Overage #3...  | -591.87     |
| 7/30/2021                   | 3Nines Technologies, Inc             | Serv Agmt August 2021                             | -1,845.00   |
| 7/30/2021                   | Deposit                              | Net Deposit                                       | 324,585.52  |
| <b>7/1/2021 - 7/31/2021</b> |                                      |                                                   | <b>0.00</b> |

# Register Report - Current Month

7/1/2021 through 7/31/2021

7/23/2021

Page 2

| Date                     | Description | Memo | Amount      |
|--------------------------|-------------|------|-------------|
| <b>BALANCE 7/31/2021</b> |             |      | <b>5.00</b> |

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# Oklahoma Municipal Retirement Fund

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Core Bond Review | Data as of June 30, 2021

**Wally Theado, CFA**, Investment Specialist

614-213-2353, [walter.c.theado@jpmorgan.com](mailto:walter.c.theado@jpmorgan.com)

**Michael Edwards, CFA**, Client Advisor

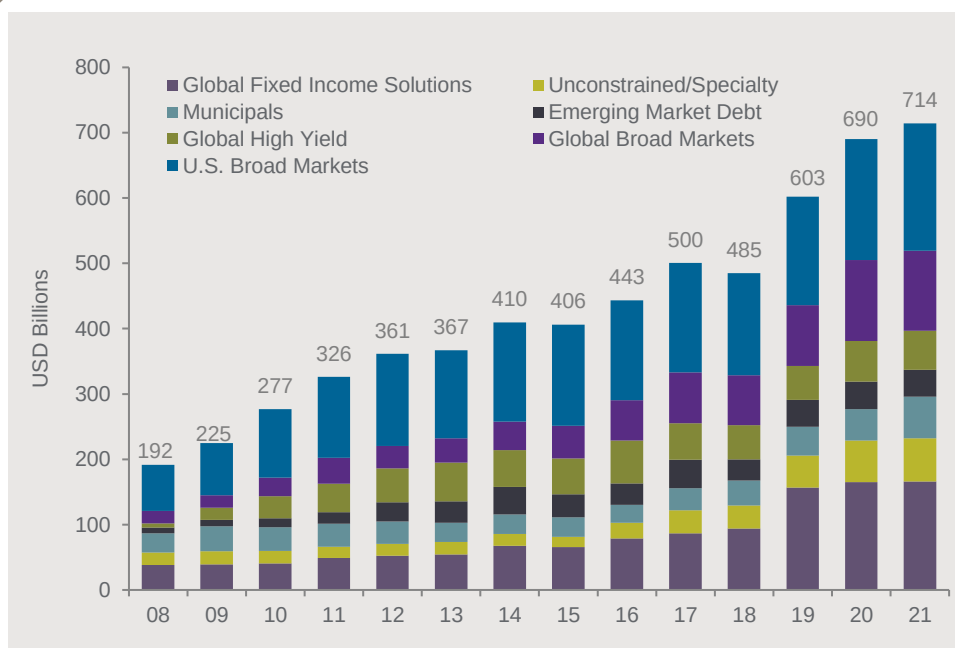
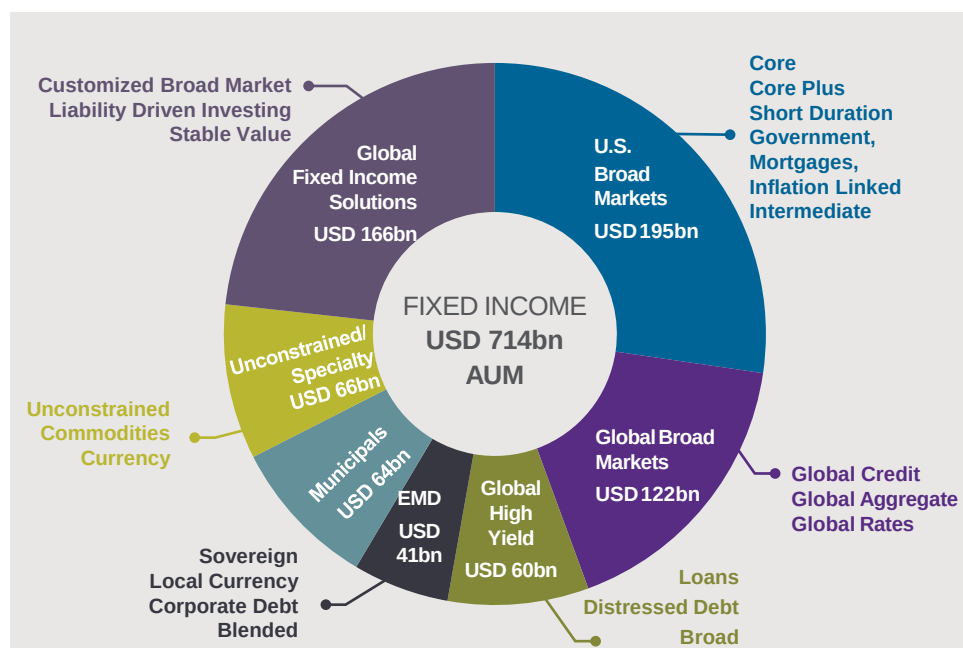
214-965-3349, [michael.f.edwards@jpmorgan.com](mailto:michael.f.edwards@jpmorgan.com)

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# Expertise to deliver superior client outcomes

## GLOBAL FIXED INCOME, CURRENCY & COMMODITIES ASSETS UNDER MANAGEMENT



## ASSET & WEALTH MANAGEMENT

## JPMORGAN CHASE & CO.

Source: J.P. Morgan Asset Management. Data as of March 31, 2021. Due to rounding, data may not always add up to the total AUM. AUM figures are representative of assets managed by the Global Fixed Income, Currency & Commodities group and include AUM managed on behalf of other J.P. Morgan Asset Management investment teams. The manager seeks to achieve the above stated objective. There can be no guarantee the objective will be met.

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## Core Bond Strategy Overview

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# Global Fixed Income, Currency & Commodities

## Bob Michele, CFA

*Head of Global Fixed Income, Currency & Commodities*

### INVESTMENT LEADS



**Steve Lear, CFA\***  
*U.S. CIO*



**Barb Miller\***  
*Customized Bond Portfolios  
CIO*

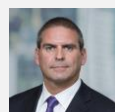


**Iain Stealey, CFA\***  
*International CIO*



**Pierre-Yves Bateau\***  
*Emerging Markets CIO*

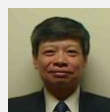
### COMMON PLATFORM



**Greg Tell\***  
*Head of Investment  
Specialists*



**Kay Herr, CFA\***  
*Head of Research*



**Vincent Kumaradjaja\***  
*Head of Risk*



**Brian Lysiak\***  
*Head of Trading*

### BUSINESS MANAGEMENT



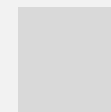
**Rash Bardha**  
*Middle Office/Operations*



**Niall Byrne, CFA**  
*COO*



**Josh Ludmer**  
*Technology*



**Silpa Gangavarapu**  
*Human Resources*

\*Bob Michele direct report

As of May 31, 2021, There can be no assurance that the professionals currently employed by J.P. Morgan Asset Management will continue to be employed by J.P. Morgan Asset Management or that the past performance or success of any such professional serves as an indicator of such professional's future performance or success.



# Core Bond Investment Team



**Steve Lear, CFA\* <sup>(1)</sup>**  
*US CIO Portfolio Manager*



**Rick Figuly <sup>(1)</sup>**  
*Lead Portfolio Manager Core Bond Fixed Income*

## PORTFOLIO MANAGERS



**Daniel Ateru, CFA**  
*Portfolio Manager*



**Tim Eisel**  
*Portfolio Manager*



**Scott Grimshaw, CFA**  
*Portfolio Manager*



**Andy Melchiorre, CFA**  
*Portfolio Manager*



**Michael Pacca**  
*Portfolio Manager*



**Susan Parekh**  
*Portfolio Manager*



**Justin Rucker, CFA <sup>(1)</sup>**  
*Portfolio Manager*



**Kent Weber, CFA**  
*Portfolio Manager*

## COMMON PLATFORM



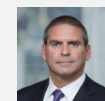
**Kay Herr, CFA\***  
*Head of Research*



**Vincent Kumaradja\***  
*Head of Risk*



**Brian Lysiak\***  
*Head of Trading*



**Greg Tell\***  
*Head of Investment Specialists*

As of June 30, 2021

\*Bob Michele direct report.

<sup>(1)</sup> Listed Portfolio Managers according for JPMorgan Prospect filing for all JPMorgan Core Bond vehicles.

## Fundamental tenets of our philosophy

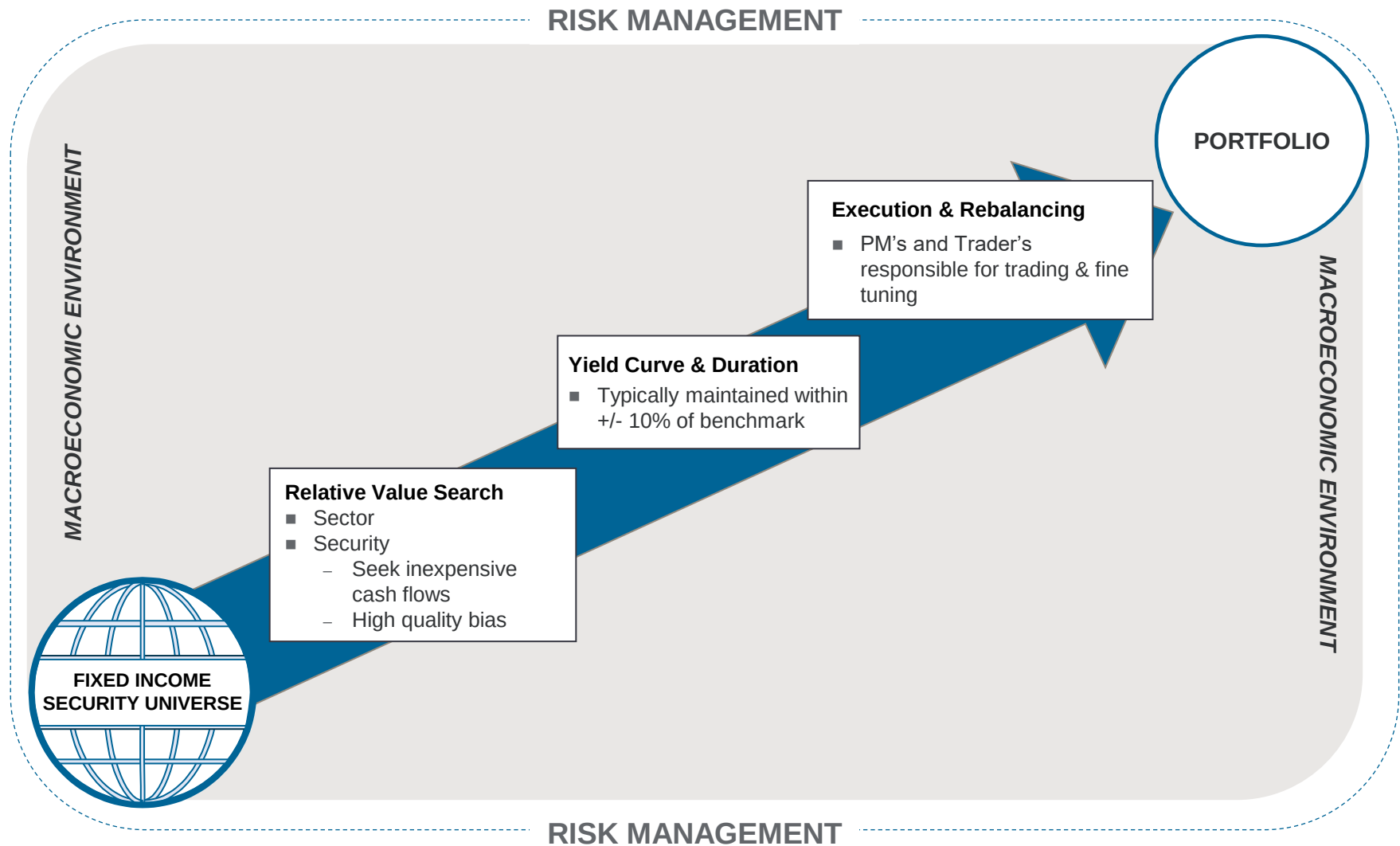
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- Longer term investing versus trading mentality
- Style emphasized research and individual security analysis, rather than large macro bets
- Portfolios are well diversified and of high average credit quality, helping to minimize individual security risk
- Many small decisions drive overall portfolio strategy, making us less dependent on a few top-down decisions
- Low turnover minimizes trading costs
- Risk management, embedded throughout the process, seeks to limit downside risk relative to a benchmark

***This approach has resulted in consistent, long-term outperformance of the benchmark in a variety of market environments***

The manager seeks to achieve the stated objectives. There can be no guarantee the objectives will be met.

# Investment Approach

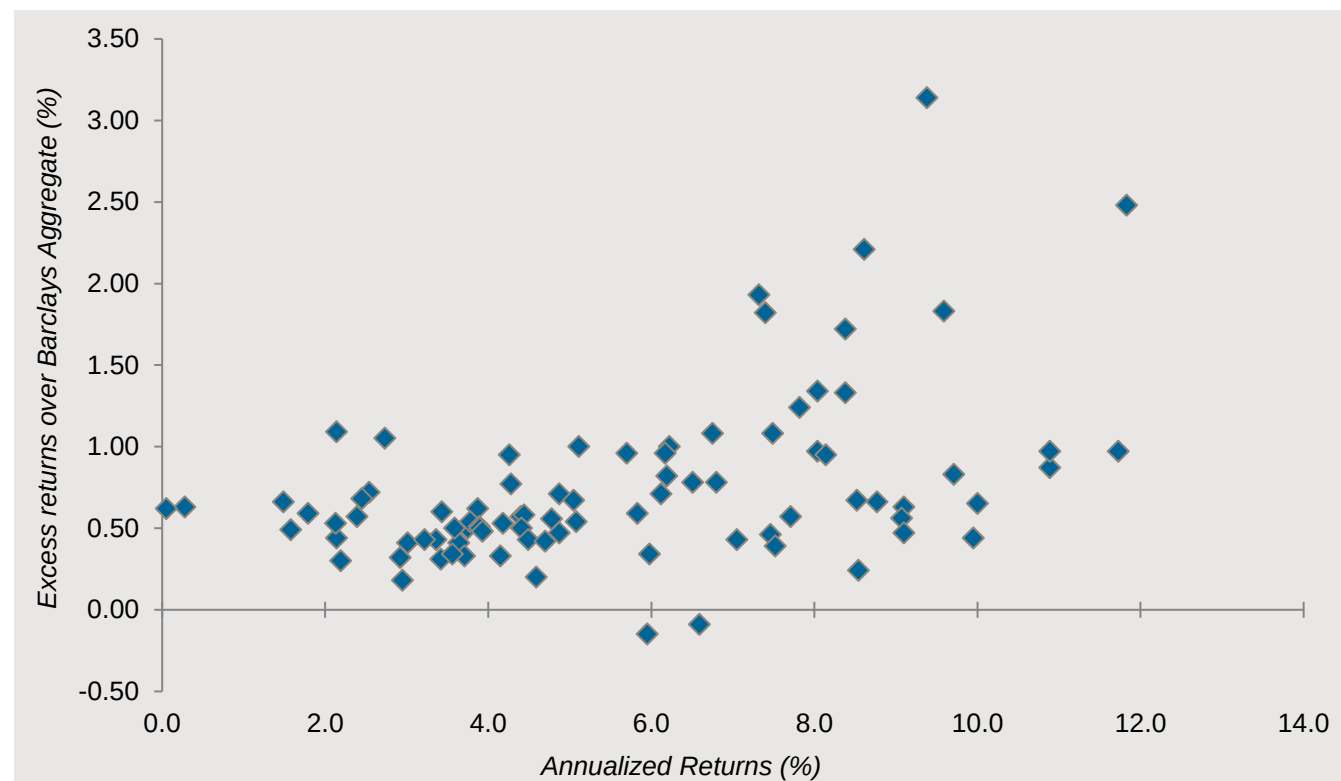


The manager seeks to achieve the stated objectives. There can be no guarantee the objectives will be met.

# Consistency is the hallmark of our investment approach

Core bond composite two-year rolling returns (gross of fees) supplemental to annual performance report

Quarterly periods ending 6/30/1999 through 06/30/2021



- Seasoned investment team
- Consistent investment process
- Consistent long-term outperformance versus benchmark
- High peer-group performance

## **Goal: outperform the index by 50-100 bps annually over a full market cycle**

1 The charts and/or graphs shown above and throughout the presentation are for illustration and discussion purposes only.

2 Past performance is not indicative of future returns. Performance includes the reinvestment of income.

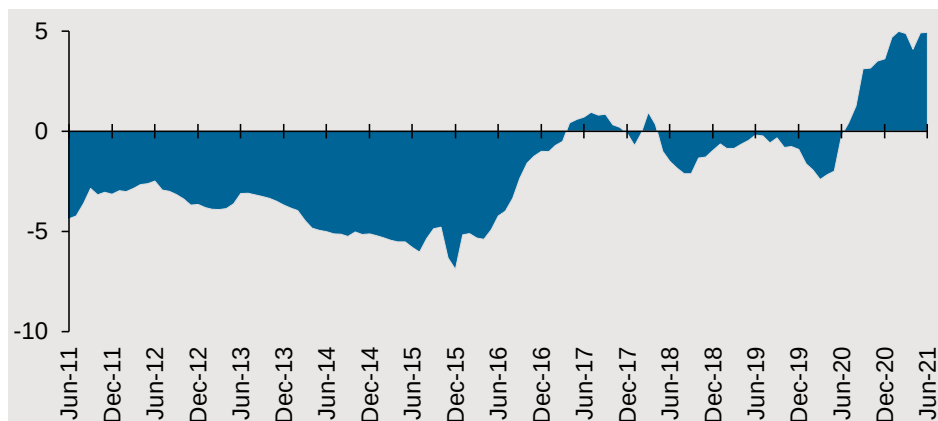
3 Performance results are gross of investment management fees. The deduction of an advisory fee reduces an investor's return. Actual account performance will vary depending on individual portfolio security selection and the applicable fee schedule. Fees are described in Part II of the Advisor's ADV which is available upon request. (Please see back for additional performance disclosure)

4 Because this strategy primarily invests in bonds, it is subject to interest rate risks. Bond prices generally fall when interest rates rise. This may make the strategy more volatile. Please see addition risks on the back disclosure page.

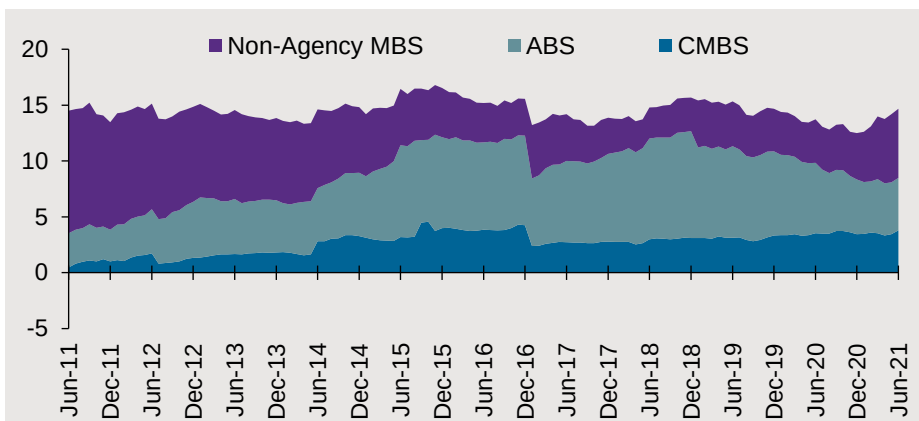
# Sector Weight Comparison

Core Bond composite vs. Barclays Aggregate (% market value)

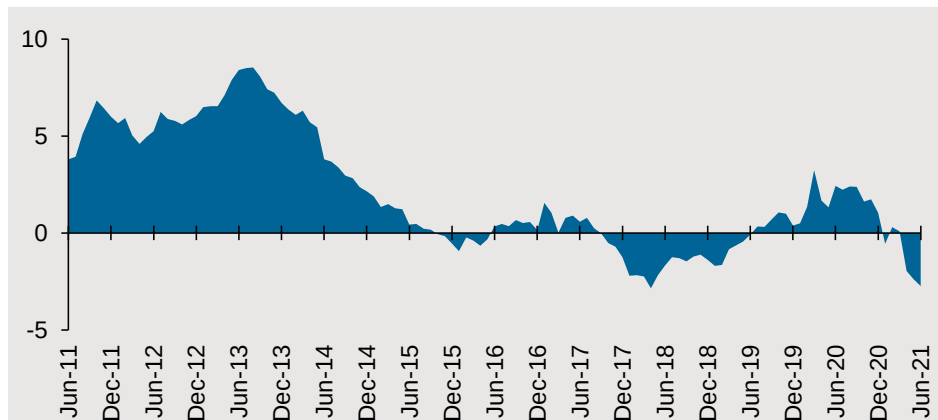
## Corporate Credit



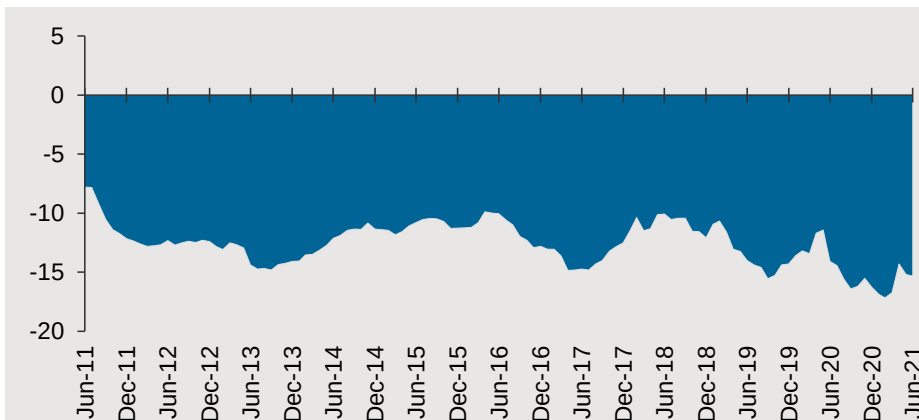
## Securitized Credit\*



## Agency Mortgage-backed securities



## Treasury



Source: J.P. Morgan Investment Management Inc. Corporate and MBS graphs display net subsector exposures versus the index. Updated through June 30, 2021.

\*CMBS= Commercial Mortgage-Backed Securities; ABS=Asset-Backed Securities

Since 1/1/17, sector classifications have been updated within Global Fixed Income to provide greater consistency, transparency, granularity, and alignment with current industry conventions.

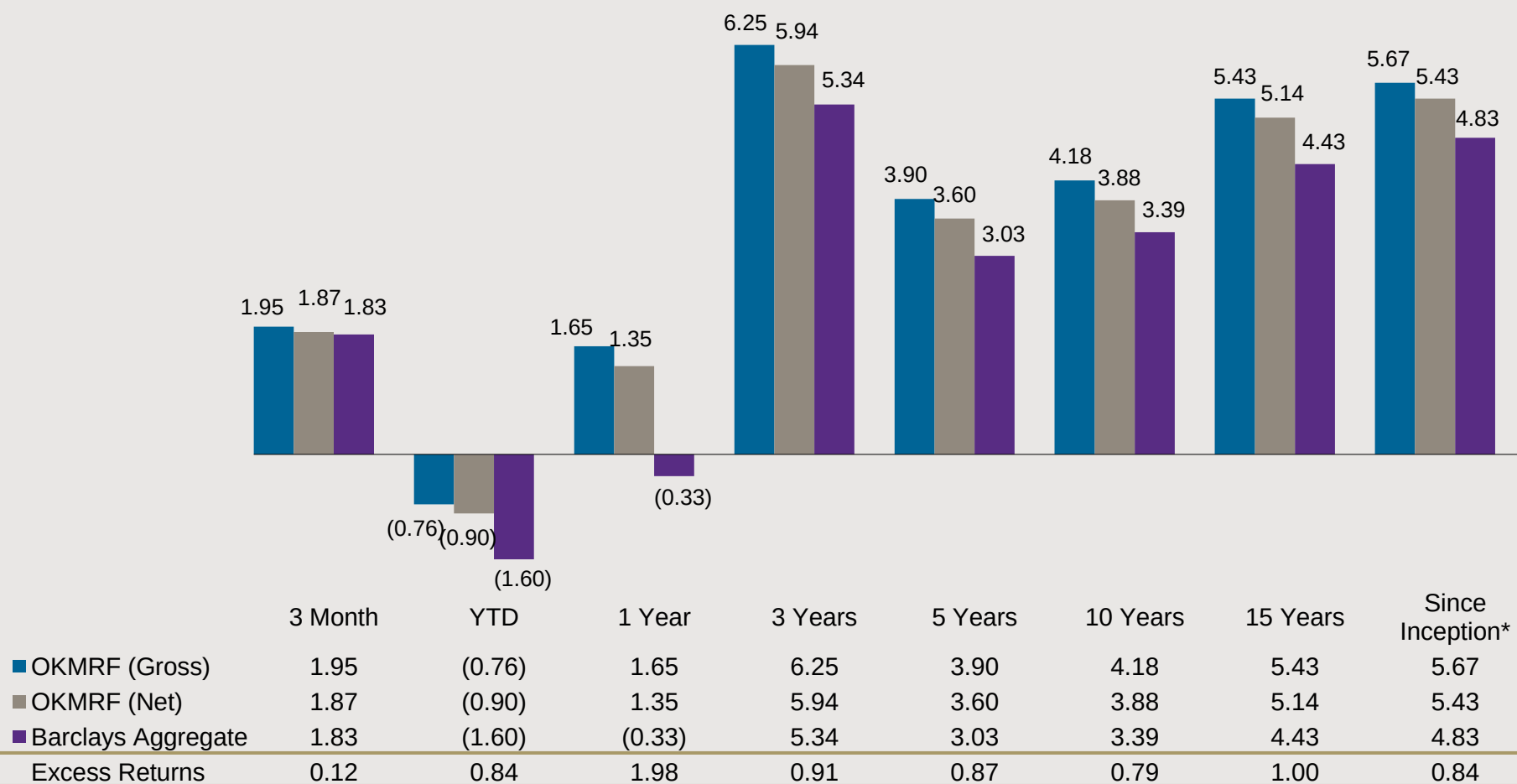
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## OKMRF Portfolio Review

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# OKMRF - Investment Performance

Period Ending June 30, 2021



\*Inception Date: March 1, 1998

Past performance is not indicative of future returns. Performance includes the reinvestment of income.

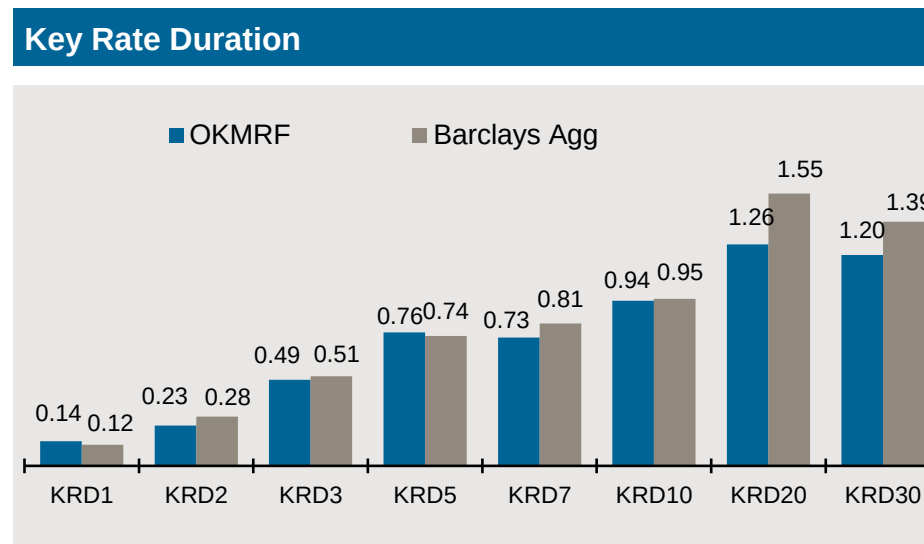
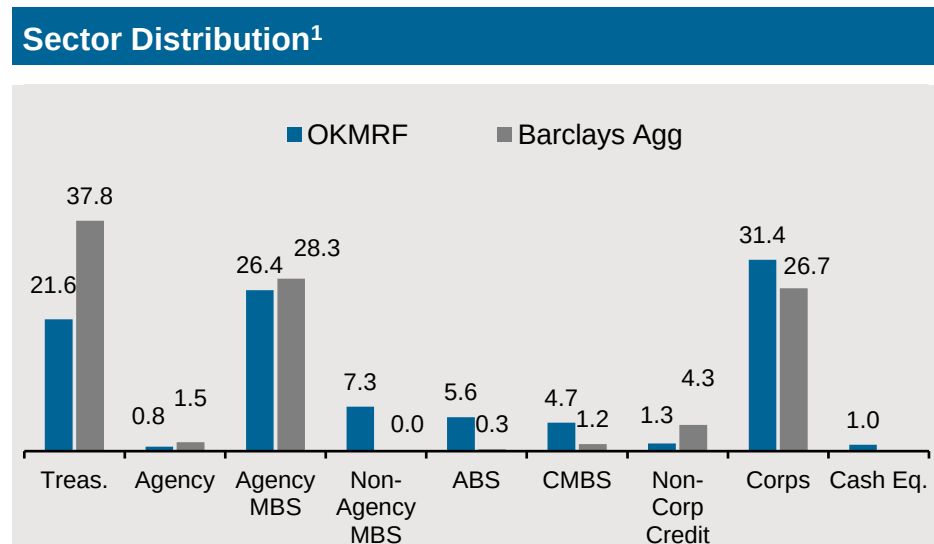
# Fixed Income Portfolio Analysis

All data as of June 30, 2021

Market value w/ accrued: \$70,696,131

| Portfolio statistics <sup>1</sup> | OKMRF | Barclays Agg |
|-----------------------------------|-------|--------------|
| Yield to maturity                 | 1.87% | 1.49%        |
| OAS (bps)                         | 84    | 29           |
| Duration (years)                  | 5.79  | 6.37         |
| Convexity                         | 0.40  | 0.04         |
| Average Quality                   | AA-   | AA           |
| Number of holdings                | 1,929 | 12,200       |

| Quality Distribution <sup>1</sup> | OKMRF  | Barclays Agg |
|-----------------------------------|--------|--------------|
| AAA                               | 54.6%  | 71.2%        |
| AA                                | 4.7%   | 5.7%         |
| A                                 | 14.6%  | 11.6%        |
| BBB                               | 21.9%  | 11.6%        |
| BB and below                      | 0.6%   | 0.0%         |
| Not rated                         | 3.7%   | 0.0%         |
| Total                             | 100.0% | 100.0%       |

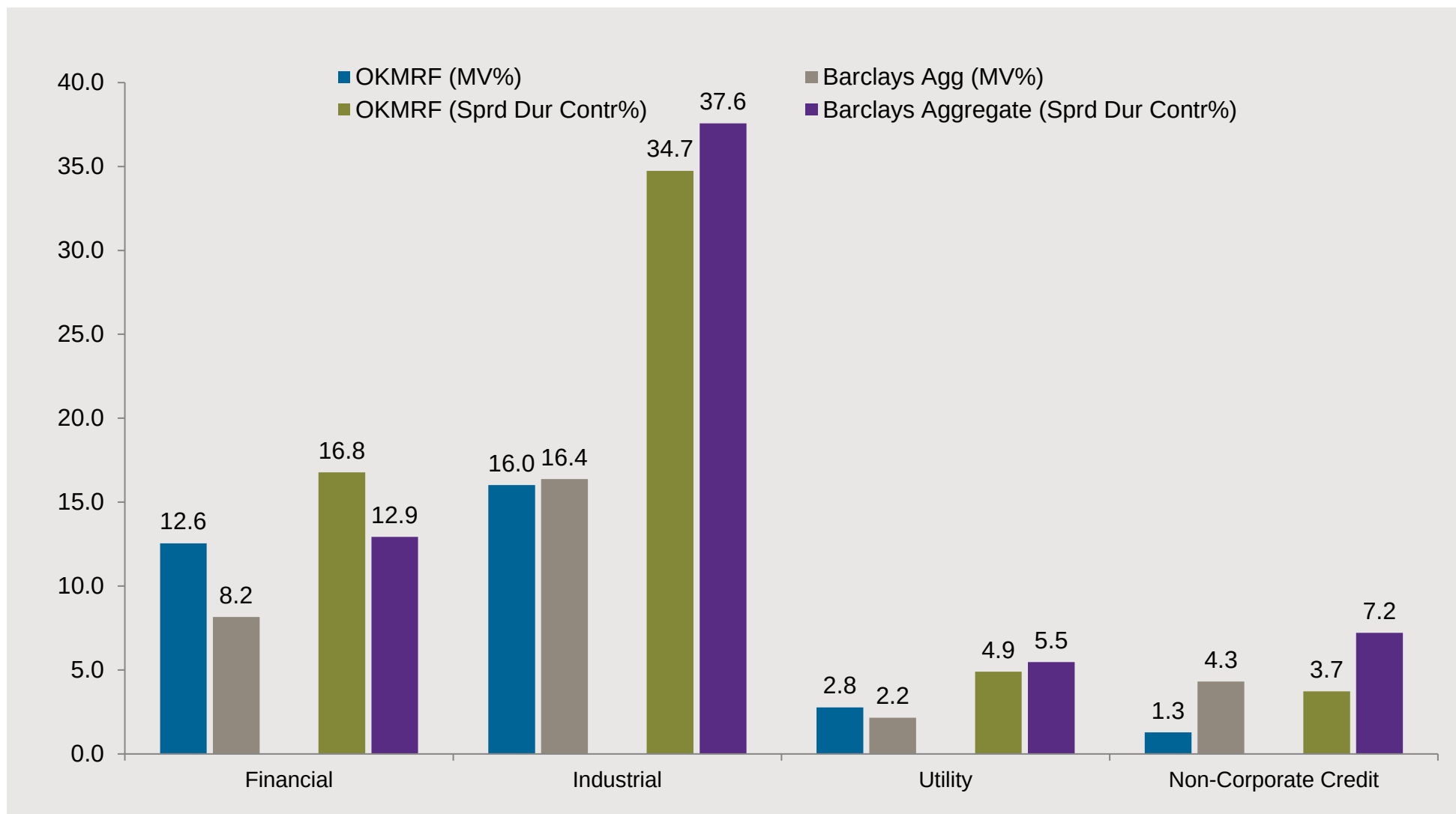


<sup>1</sup>Measurements in percents. Index statistics compiled by running Barclays constituents through Yield Book models. Please see performance disclosures which accompany this presentation. Actual account characteristics may differ.



# OKMRF Credit Breakout

As of June 30, 2021



Source: J.P. Morgan Investment Management Inc.

The companies shown above are for illustrative and discussion purposes only. It should not be assumed that recommendations made in the future will be profitable or will equal the performance of the securities listed above.

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## Market Update

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# Bloomberg Barclays Indices - Performance Summary as of June 30, 2021

| Sector               | 2Q21 Return (%) |        | YTD Return (%) |        |
|----------------------|-----------------|--------|----------------|--------|
|                      | Return          | Excess | Return         | Excess |
| Barclays Aggregate   | 1.83            | 0.16   | (1.60)         | 0.51   |
| Treasury             | 1.75            | 0.00   | (2.58)         | 0.00   |
| Agency               | 0.86            | 0.13   | (0.82)         | 0.34   |
| Mortgages            | 0.33            | (0.61) | (0.77)         | (0.45) |
| ABS                  | 0.34            | 0.24   | 0.18           | 0.39   |
| CMBS (Non-Agency)    | 1.79            | 0.95   | (0.09)         | 1.44   |
| U.S. Credit          | 3.32            | 1.00   | (1.28)         | 1.90   |
| U.S. Corporate       | 3.55            | 1.12   | (1.27)         | 2.04   |
| Industrial           | 3.90            | 1.17   | (1.24)         | 2.39   |
| Utility              | 4.21            | 0.98   | (2.62)         | 1.85   |
| Financial            | 2.66            | 1.06   | (0.96)         | 1.38   |
| Non-Corporate        | 2.03            | 0.29   | (1.33)         | 1.11   |
| U.S. High Yield      | 2.74            | 2.01   | 3.62           | 4.65   |
| Bank Loans           | 1.44            | n/a    | 3.48           | n/a    |
| Emerging Market Debt | 4.06            | n/a    | (0.67)         | n/a    |

| U.S. Corporate Return by Quality | 2Q21 Return (%) |               | YTD Return (%) |               |
|----------------------------------|-----------------|---------------|----------------|---------------|
|                                  | Total Return    | Excess Return | Total Return   | Excess Return |
| AAA                              | 4.76            | 0.65          | (3.03)         | 1.87          |
| AA                               | 3.82            | 0.71          | (2.14)         | 1.77          |
| A                                | 3.51            | 0.79          | ((2.30)        | 1.39          |
| BBB                              | 4.05            | 1.43          | (0.52)         | 2.97          |
| BB                               | 2.85            | 1.86          | 2.69           | 4.08          |
| B                                | 2.16            | 1.69          | 3.35           | 3.99          |
| CCC                              | 3.49            | 3.17          | 7.20           | 7.70          |

| U.S. Corporate Return by Maturity | 2Q21 Return (%) |               | YTD Return (%) |               |
|-----------------------------------|-----------------|---------------|----------------|---------------|
|                                   | Total Return    | Excess Return | Total Return   | Excess Return |
| 1-3 Yr                            | 0.27            | 0.27          | 0.25           | 0.31          |
| 3-5 Yr                            | 1.10            | 0.73          | (0.03)         | 0.79          |
| 5-7 Yr                            | 2.03            | 1.06          | (0.68)         | 1.08          |
| 7-10 Yr                           | 3.49            | 1.45          | (1.53)         | 1.35          |
| 10+ Yr                            | 6.64            | 1.55          | (2.44)         | 3.90          |

Source: Barclays Bloomberg; J.P. Morgan. EMD = J.P. Morgan EMBI Global Diversified; Bank Loans = CS Loan Index

Note: The above commentary is intended solely to report on various investment views held by J.P. Morgan Asset Management and J.P. Morgan Securities Inc. This commentary is for information purposes only and is not intended as an offer or solicitation with respect to the purchase or sale of any security. Past performance is no guarantee of future results. Indices do not include fees or operating expenses and are not available for actual investment.

# Bloomberg Barclays Indices – OAS Summary through June 30, 2021

| OAS                  | 2Q21 | 1Q21 | All Time Tights | COVID(19 Crisis (peak) |
|----------------------|------|------|-----------------|------------------------|
| Barclays Aggregate   | 32   | 31   | 31              | 127                    |
| Agency               | 15   | 4    | 4               | 53                     |
| Mortgages            | 27   | 12   | 6               | 132                    |
| ABS                  | 22   | 35   | 22              | 325                    |
| CMBS (Non-Agency)    | 84   | 71   | 56              | 348                    |
| U.S. Credit          | 77   | 86   | 71              | 341                    |
| U.S. Corporate       | 80   | 91   | 77              | 373                    |
| Industrial           | 83   | 93   | 83              | 383                    |
| Utility              | 93   | 99   | 74              | 298                    |
| Financial            | 71   | 84   | 58              | 378                    |
| Non-Corporate        | 56   | 58   | 41              | 180                    |
| U.S. High Yield      | 268  | 310  | 238             | 1,100                  |
| Bank Loans           | 443  | 449  | 443             | 1,275                  |
| Emerging Market Debt | 340  | 354  | 170             | 722                    |

| U.S. Corporate OAS | 2Q21 | 1Q21 | All Time Tights | COVID(19 Crisis (peak) |
|--------------------|------|------|-----------------|------------------------|
| AAA                | 43   | 46   | 43              | 210                    |
| AA                 | 49   | 54   | 41              | 250                    |
| A                  | 58   | 71   | 58              | 309                    |
| BBB                | 101  | 112  | 101             | 457                    |
| BB                 | 201  | 227  | 151             | 865                    |
| B                  | 294  | 334  | 228             | 1,108                  |
| CCC                | 462  | 548  | 378             | 1,902                  |

| U.S. Corporate OAS | 2Q21 | 1Q21 | All Time Tights | COVID(19 Crisis (peak) |
|--------------------|------|------|-----------------|------------------------|
| 1-3 Yr             | 31   | 41   | 31              | 210                    |
| 3-5 Yr             | 50   | 66   | 50              | 250                    |
| 5-7 Yr             | 67   | 77   | 67              | 309                    |
| 7-10 Yr            | 84   | 98   | 74              | 457                    |
| 10+ Yr             | 117  | 125  | 109             | 865                    |

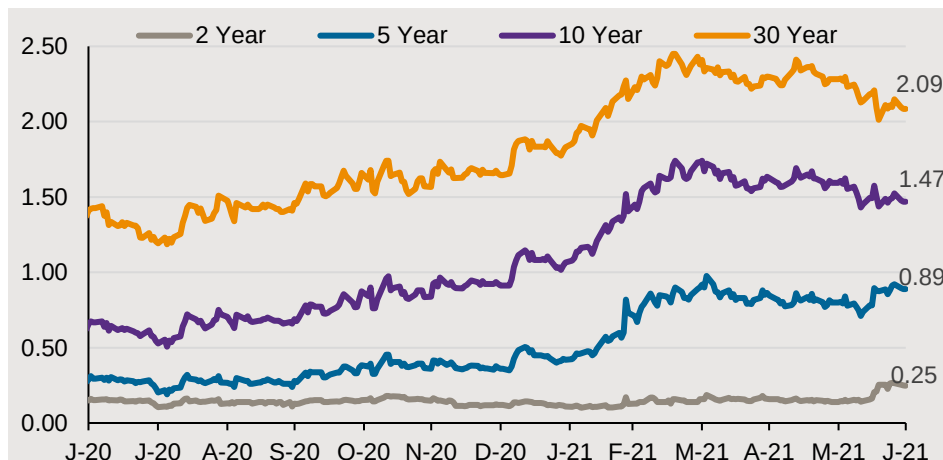
Source: Barclays Bloomberg; J.P. Morgan. EMD = J.P. Morgan EMBI Global Diversified; Bank Loans = CS Loan Index

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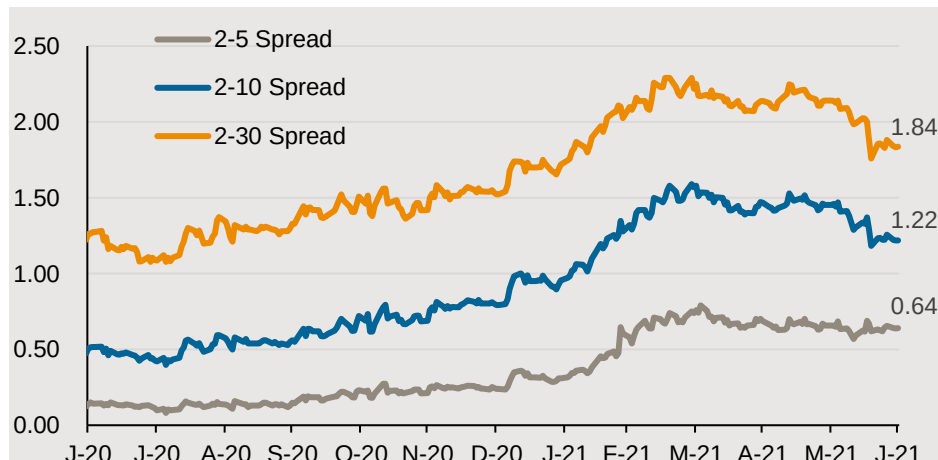
# U.S. Treasury Market

As of June 30, 2021

## U.S. Treasury Yields



## U.S. Treasury Yield Curve



| U.S. Treasury Bellwethers | 2Q21 Return | 1Q21 Return | YTD Return |
|---------------------------|-------------|-------------|------------|
| 3 Month                   | 0.00        | 0.03        | 0.03       |
| 6 Month                   | 0.01        | 0.05        | 0.06       |
| 2 Year                    | (0.09)      | (0.04)      | (0.13)     |
| 3 Year                    | (0.06)      | (0.33)      | (0.39)     |
| 5 Year                    | 0.69        | (2.46)      | (1.78)     |
| 10 Year                   | 3.06        | (7.02)      | (4.17)     |
| 30 Year                   | 7.83        | (15.84)     | (9.25)     |

## U.S. Treasury Change in Yield (bps)

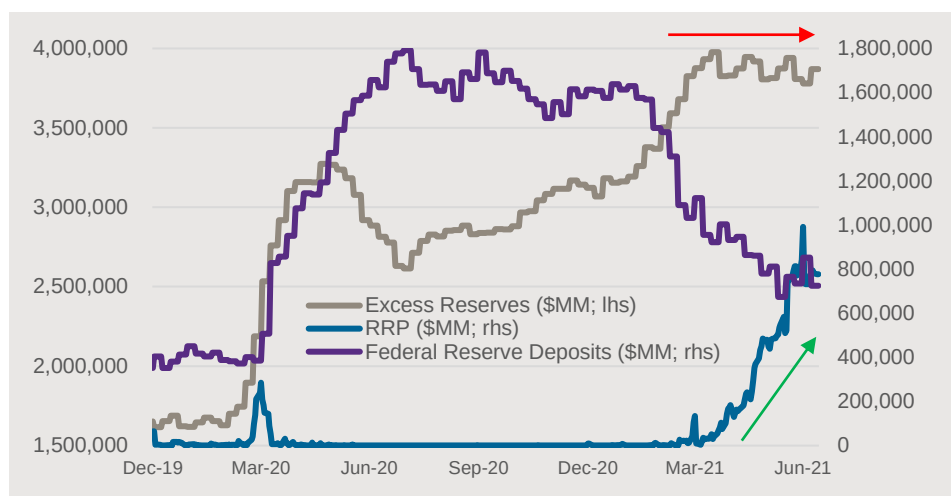


Source: J.P. Morgan Investment Management Inc.; Bloomberg; Barclays Inc.; data through 6/30/21

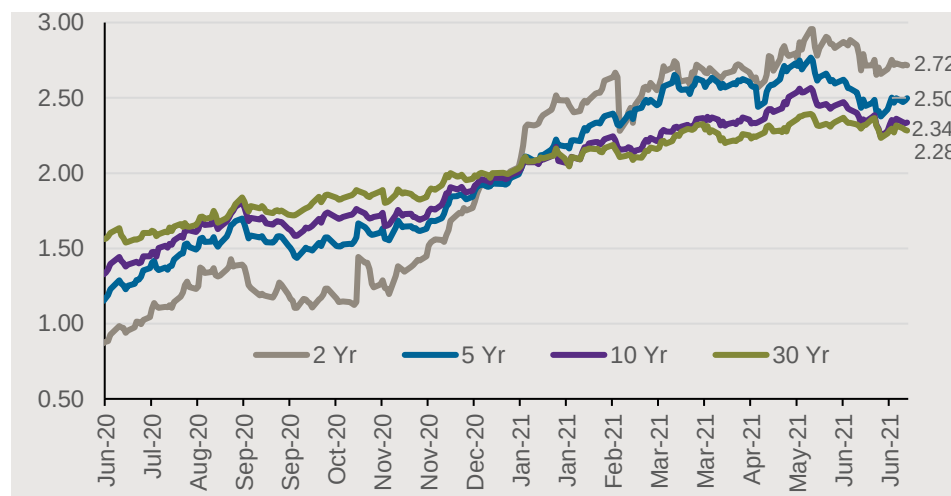
# U.S. Rates and Inflation

As of June 30, 2021

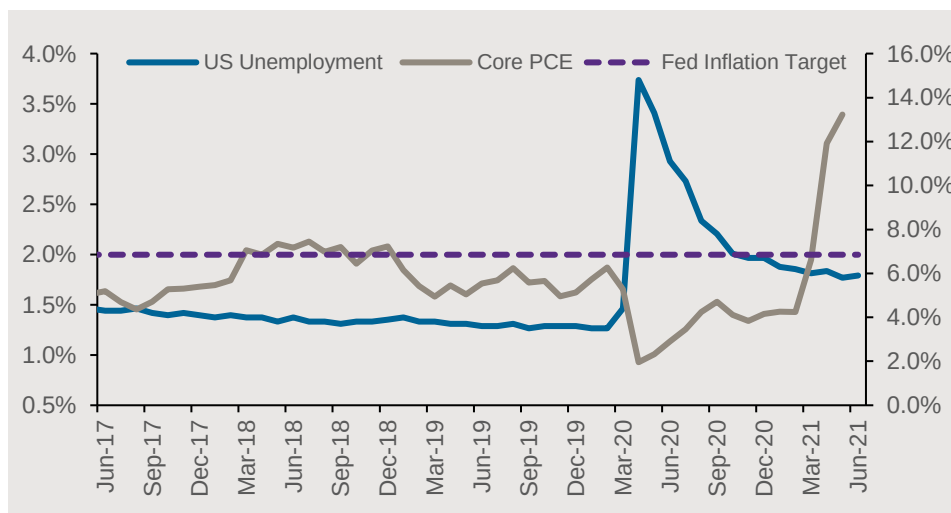
## RRP helping absorb excess liquidity



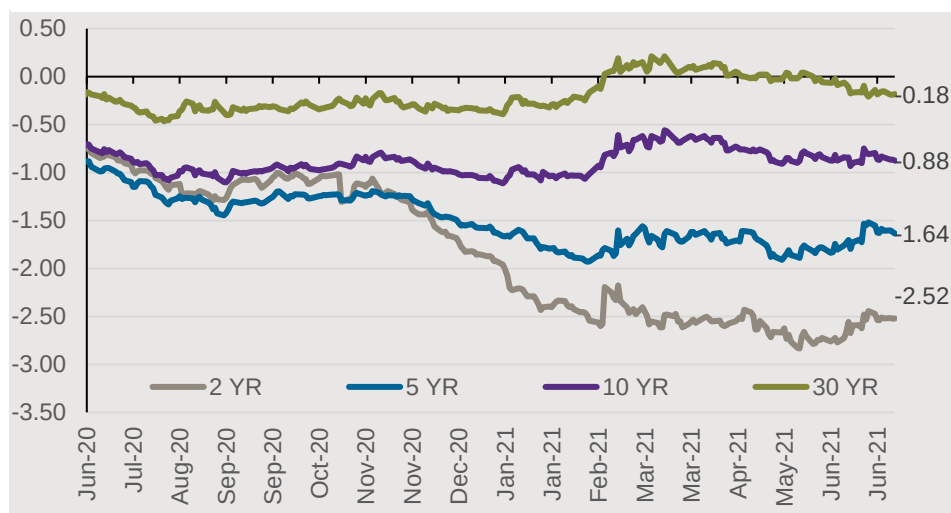
## U.S. Treasury Breakevens



## Core PCE & US Unemployment



## U.S. Treasury Yield Real Rates

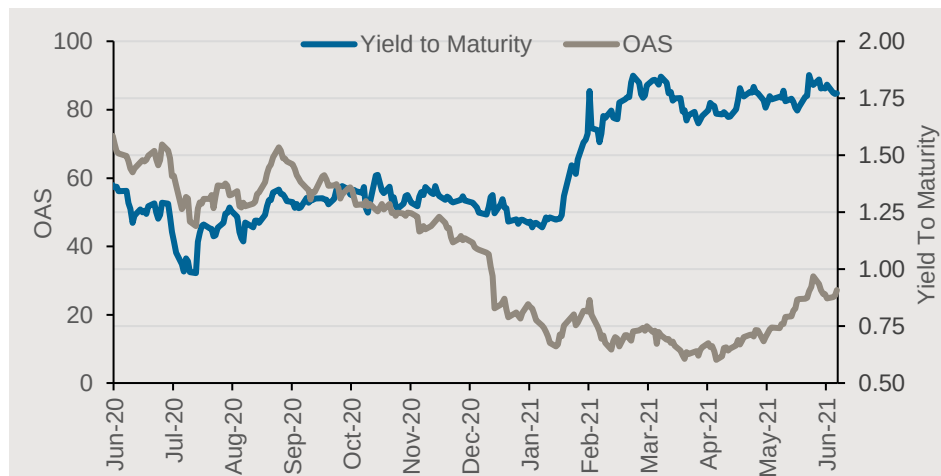


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# Agency MBS Market

As of June 30, 2021

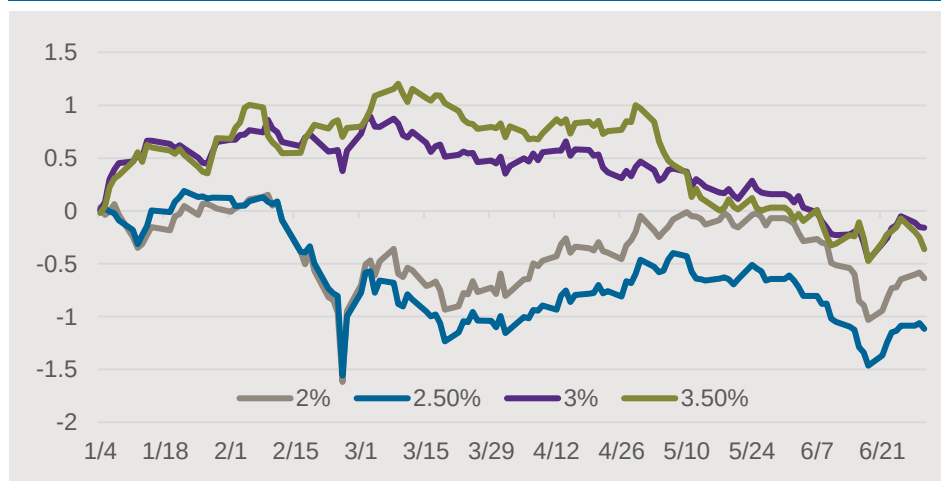
## MBS Index Yield / OAS



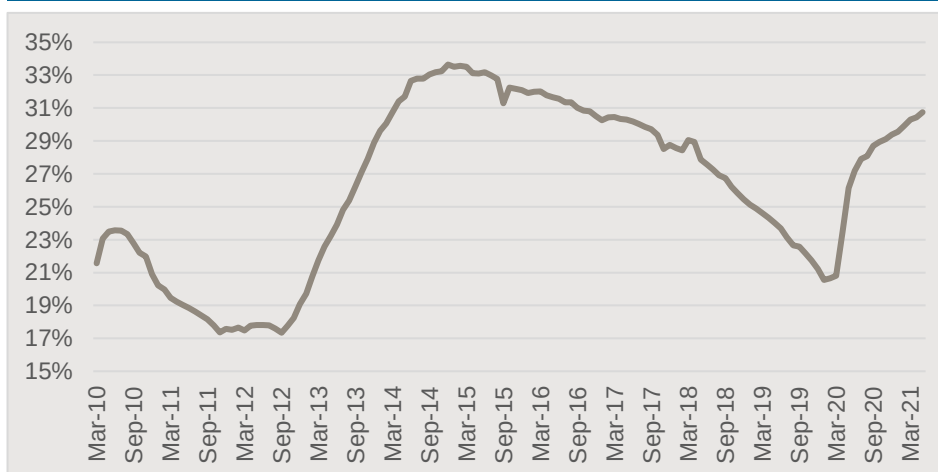
## Agency MBS Commentary

- **Agency Mortgage-Backed Securities (MBS)** underperformed Treasuries by -61 bps on a duration neutral basis, as measured by the Bloomberg Barclays U.S. Mortgage-Backed Securities (MBS) Index, bringing YTD excess returns to -45 bps. Over the last year, unrelenting demand from the Fed via its QE4 program and banks have driven the sector's spreads tighter in the face of challenging fundamentals from high prepayment speeds.
- While both market participants continue to be strong sources of demand, their pace of demand softened somewhat as the Fed's reinvestment purchases of agency MBS slowed with the recent slowdown in prepayment speeds. In addition, the uptick in interest rate volatility and concerns over sooner-than-expected policy tightening drove spread widening in response to the June FOMC meeting. In terms of segment performance, higher coupon securities underperformed lower coupon securities, retracing their gains from Q1. Prepayment speeds for higher coupons continue to remain elevated, while lower coupon prepayment speeds have moderated somewhat with this year's uptick in mortgage rates.
- Separately, 15 year securities outperformed 30 year securities during the quarter, as fears that inflation would translate into higher rates and a steeper yield curve reintroduced duration extension concerns around 30 year securities in particular.

## FNMA 30 Year Excess Return by Coupon (YTD)



## Fed MBS Holdings as % of Total Market

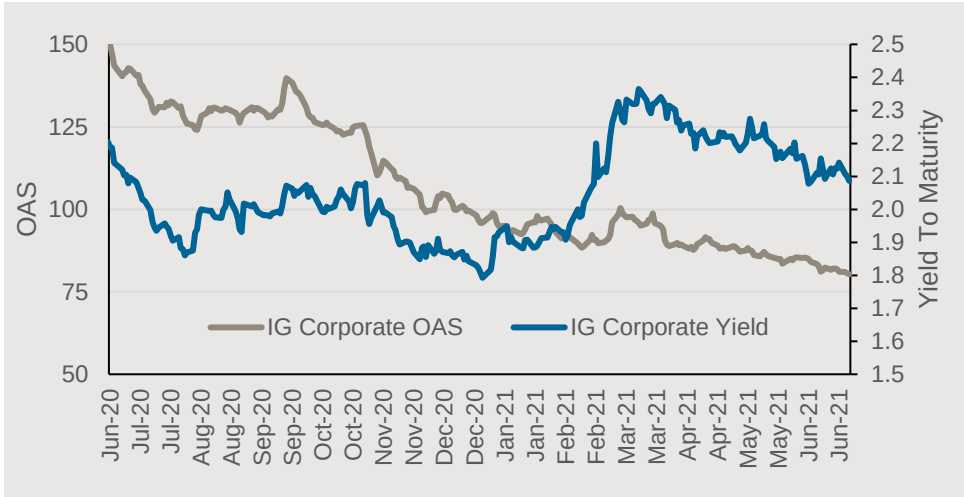


Sources: J.P. Morgan, Federal Reserve, Bloomberg Barclays, as of 6/30/2021

# Investment Grade Corporate Credit Market

As of June 30, 2021

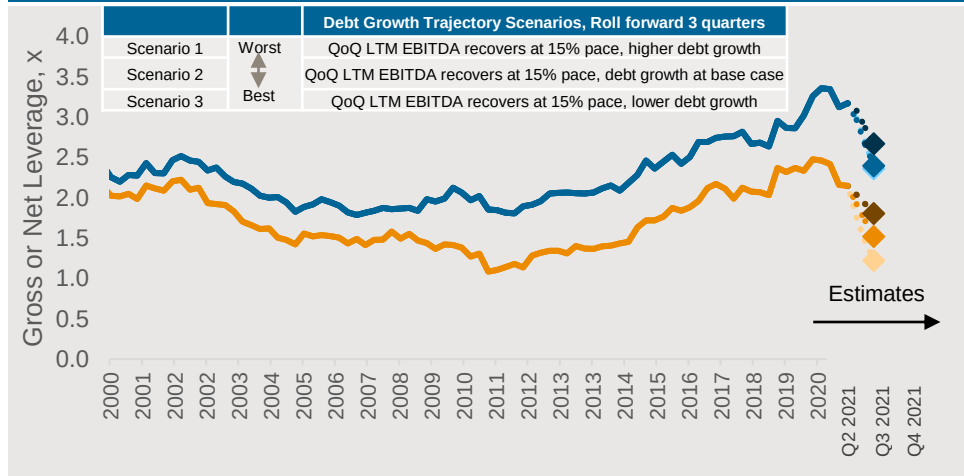
## U.S. Corporate Yield / OAS



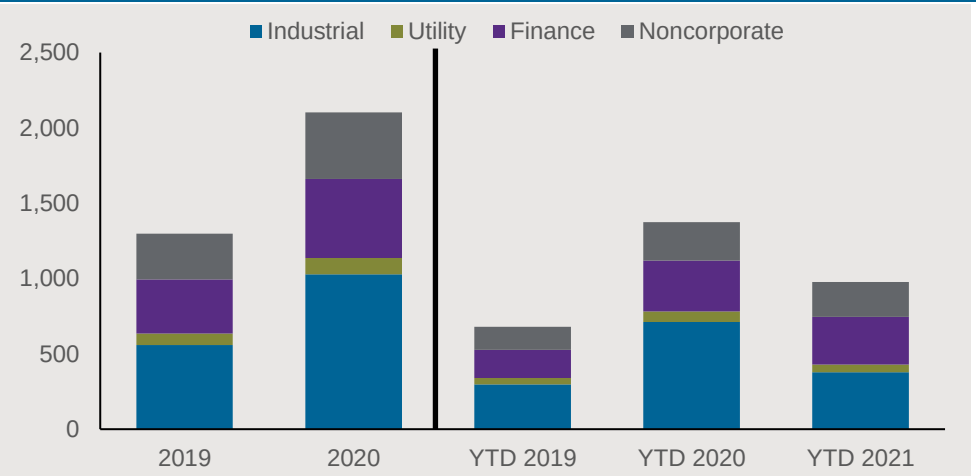
## IG Credit Themes

- **Investment grade credit** spreads tightened by 11 bps over the quarter according to the Bloomberg Barclays U.S. Corporate Index, while the asset class returned +3.55%. Returns this quarter were driven by both positive credit returns and positive duration returns.
- First quarter earnings releases were generally stronger than expected, with very strong Revenue and EPS growth. This trend is expected to continue with the release of Q2 earnings.
- Demand has remained positive over the quarter with more inflows than outflows, June seemed to showcase a recovery from the weaker May data. Overnight flows were strong in the second quarter, primarily in May. During the quarter, supply trended downwards. After a heavy April and an average May level of issuance, June came in relatively quietly with \$109 billion.

## Gross & Net Corporate Leverage



## U.S. IG Credit Debt Issuance (US\$bn)



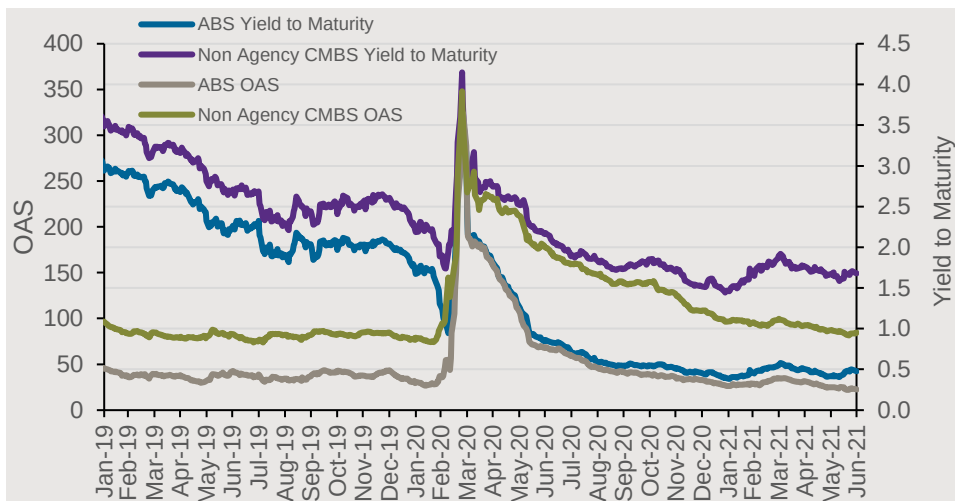
Sources: J.P. Morgan, Bloomberg Barclays Indices, as of 6/30/2021



# Securitized Credit Market

As of June 30, 2021

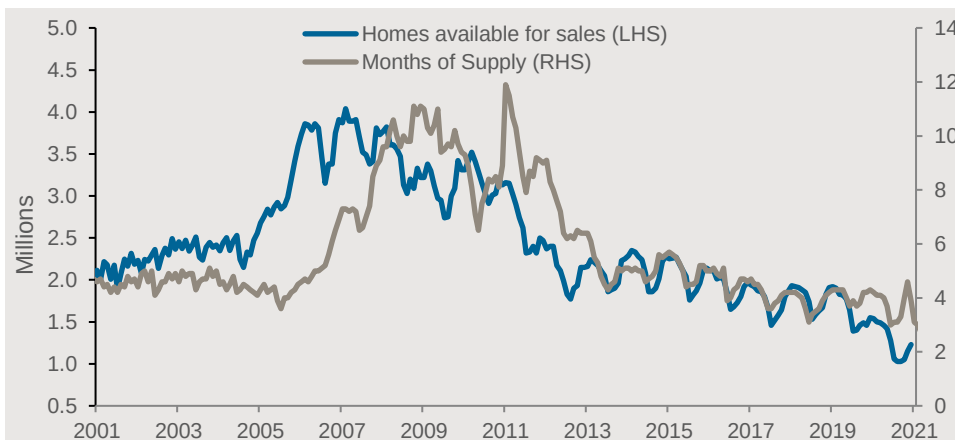
## ABS & Non Agency CMBS Index Yield / OAS



## Securitized Credit Themes

- Fixed rate **Asset-backed securities (ABS)** subsectors continued to grind tighter, backed by solid fundamentals and positive technical momentum. Compared to the previous quarter, fixed rate AAA spreads (to swaps) for 2-year and 3-year credit cards tightened by 4 bps and 5 bps to +1 bp and +4 bps, respectively.
- Two year fixed rate prime auto spreads marginally tightened by 1 bp to +5 bps and 3-year fixed prime auto spreads tightened by 3 bps to +5 bps. Quarter over quarter, floating rate spreads reduced as well, with 3-year AAA floating rate spreads (to 3-mo Libor) for private student loans coming in 4 bps tighter at +56 bps. Year-to-date issuance came in at \$128.9 billion. Issuance has been more diverse this year than last year particularly in the esoteric and other ABS sector.
- **Commercial mortgage-backed securities (CMBS)** posted positive performance over the quarter, adding 82 bps of excess return versus Treasuries, according to the Bloomberg Barclays U.S. Aggregate Index.
- New issuance of private label CMBS was robust during the quarter, led by SASB and CRE CLO transactions. Spreads in the CMBS sector experienced a bull flattening with the demand for yield pushing spreads to tighten to a larger extent for mezzanine portions of both SASB and Conduit transactions.

## Housing supply at record lows



## Manheim US Used Vehicle Value Index (1995 = 100)



Sources: J.P. Morgan, Bloomberg Barclays, and Wells Fargo weekly spreads as of June 30, 2021



# Appendix



# Integrating ESG factors throughout our investment process

**ESG Integration:** The explicit consideration of material ESG factors in the investment decision-making process

## RESEARCH DRIVEN BY A COMMON LANGUAGE

### Fundamental

Macro factors  
Corporate health metrics

**Environmental, social and governance practices**

### Quantitative valuations

Yields  
Spreads

### Technicals

Supply and demand  
Liquidity  
Investor positioning

### FOCUSING ON PROPRIETARY RESEARCH

- 60+ career research analysts across 15 fixed income sectors
- ESG factors incorporated within existing FQT research language
- Data from providers such as MSCI and ISS Ethix supplement our views

### INFORMING OUR VIEWS & ENGAGEMENT

- Frequent meetings with company management
- Benefiting from the voting rights of our equity counterparts
- Participation in industry forums to improve sustainability standards
- Engagement with data providers to improve coverage of fixed income universe

### REFLECTED IN PORTFOLIO CONSTRUCTION

- Spectrum™ houses ESG research across the platform
- Oversight by independent and fixed income risk management teams identifies ESG outliers

**USD 714bn**

AUM in **ESG-integrated** strategies

Source: J.P. Morgan Asset Management. ESG-integrated AUM data as of March 31, 2021.. AUM figures are representative of assets managed by the Global Fixed Income, Currency & Commodities group and include AUM managed on behalf of other J.P. Morgan Asset Management investment teams.

# Active management demands active risk management

Our risk management discipline is essential to our investment process

## Portfolio Management Team

1

- Responsible for managing portfolios to stated risk management guidelines, and for determining and ensuring risk exposures are deliberate and appropriately scaled
- Accountable for the regular (e.g., daily/weekly/monthly/quarterly) review and monitoring of customized risk data and analytics across portfolios
- Ongoing monitoring of the portfolio's sustainability profile, including ESG outliers

## Investment Director

2

- Provides embedded fiduciary and risk oversight, while independently ensuring portfolios adhere to stated operating and compliance guidelines
- Upholds governance framework through periodic investment reviews, Board reporting and customized risk monitoring within the asset class
- Develop monitoring tools for PM and oversight use

## Independent Risk Management

3

- Provides independent, consolidated view of risks at multiple levels – including investment, counterparty, liquidity and operational risk
- Produces standard weekly global risk packages for senior management summarizing key risk metrics across multiple funds and asset classes and provides credible challenge to the business through review of accounts that trigger risk thresholds

The manager seeks to achieve the stated objective. There can be no guarantee the objective will be met. As of March 31, 2021.

# J.P. Morgan Asset Management

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Opinions, estimates, forecasts, and statements of financial market trends that are based on current market conditions constitute our judgment and are subject to change without notice. We believe the information provided here is reliable. These views and strategies described may not be suitable for all investors. References to specific securities, asset classes and financial markets are for illustrative purposes only and are not intended to be, and should not be interpreted as, recommendations. Past performance is no guarantee of future results.

## RISKS ASSOCIATED WITH INVESTING:

**Interest Rate Risk.** The Strategy mainly invests in bonds and other debt securities. These securities will increase or decrease in value based on changes in interest rates. If rates increase, the value of the Strategy's investments generally declines. On the other hand, if rates fall, the value of the investments generally increases. Your investment will decline in value if the value of the investments decreases. Securities with greater interest rate sensitivity and longer maturities tend to produce higher yields, but are subject to greater fluctuations in value. Usually, the changes in the value of fixed income securities will not affect cash income generated, but may affect the value of your investment.

**Mortgage-related and asset-backed securities** are subject to certain other risks. The value of these securities will be influenced by the factors affecting the housing market and the assets underlying such securities. As a result, during periods of declining asset value, difficult or frozen credit markets, swings in interest rates, or deteriorating economic conditions, mortgage-related and asset-backed securities may decline in value, face valuation difficulties, become more volatile and/or become illiquid. Additionally, during such periods and also under normal conditions, these securities are also subject to prepayment and call risk. When mortgages and other obligations are prepaid and when securities are called, the strategy may have to reinvest in securities with a lower yield or fail to recover additional amounts (i.e., premiums) paid for securities with higher interest rates, resulting in an unexpected capital loss. Some of these securities may receive little or no collateral protection from the underlying assets and are thus subject to the risk of default described under "Credit Risk". The risk of such defaults is generally higher in the case of mortgage-backed investments that include so-called "sub-prime" mortgages. The structure of some of these securities may be complex and there may be less available information than other types of debt securities.

**Credit Risk.** There is a risk that issuers and counterparties will not make payments on securities and investments held by the portfolio. Such default could result in losses to an investment in the portfolio. In addition, the credit quality of securities held by a portfolio may be lowered if an issuer's financial condition changes. Lower credit quality may lead to greater volatility in the price of a security. Lower credit quality also may affect liquidity and make it difficult for the portfolio to sell the security. The portfolio may invest in securities that are rated in the lowest investment grade category. Such securities are considered to have speculative characteristics similar to high yield securities, and issuers of such securities are more vulnerable to changes in economic conditions than issuers of higher grade securities.

**Quality Rating Methodology.** J.P. Morgan Investment Management Inc. (JPMIM) receives credit quality ratings on underlying securities of the portfolio from the three major ratings agencies – S&P, Moody's and Fitch. When calculating the credit quality breakdown, JPMIM selects the middle rating of the agencies when all three agencies rate a security. JPMIM will use the lower of the two ratings if only two agencies rate a security and JPMIM will use one rating if that is all that is provided. We will use the DBRS rating for securities that are not rated by SP, Moody's, or Fitch. Securities that are not rated by all four agencies are reflected as such.

There can be no assurance that the professionals currently employed by JPMAM will continue to be employed by JPMAM or that the past performance or success of any such professional serves as an indicator of such professional's future performance or success.

Any securities/portfolio holdings mentioned throughout the presentation are shown for illustrative purposes only and should not be interpreted as recommendations to buy or sell. A full list of firm recommendations for the past year are available upon request.

Past performance does not guarantee future results. Total returns assumes reinvestment of any income. The deduction of an advisory fee reduces an investor's return. Actual account performance will vary on individual portfolio security selection and the applicable fee schedule. Fees are available upon request.

The following is an example of the effect of compounded advisory fees over a period of time on the value of a client's portfolio: A portfolio with a beginning value of \$100 million, gaining an annual return of 10% per annum would grow to \$259 million after 10 years, assuming no fees have been paid out. Conversely, a portfolio with a beginning value of \$100 million, gaining an annual return of 10% per annum, but paying a fee of 1% per annum, would only grow to \$235 million after 10 years. The annualized returns over the 10 year time period are 10.00% (gross of fees) and 8.91% (net of fees). If the fee in the above example was 0.25% per annum, the portfolio would grow to \$253 million after 10 years and return 9.73% net of fees. The fees were calculated on a monthly basis, which shows the maximum effect of compounding.

The Barclays U.S. Aggregate Index (formerly Lehman Brothers U.S. Aggregate Index) is an unmanaged index that represents securities that are SEC-registered, taxable, and dollar denominated. The index covers the U.S. investment grade fixed rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and asset-backed securities. The performance of the index does not reflect the deduction of expenses associated with a mutual fund, such as investment management fees. By contrast, the performance of the Fund reflects the deduction of the mutual fund expenses, including sales charges if applicable. An individual cannot invest directly in an index.

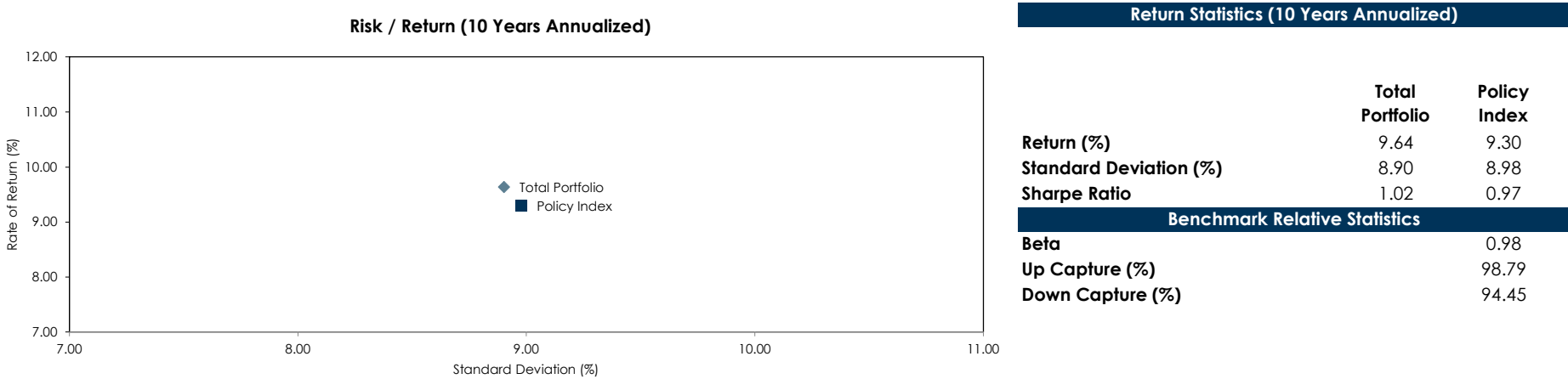
Securities may be sold through J.P. Morgan Institutional Investments Inc., member FINRA/SIPC.

J.P. Morgan Asset Management is the marketing name for the asset management businesses of JPMorgan Chase & Co. Those businesses include, but are not limited to, JPMorgan Chase Bank N.A., J.P. Morgan Investment Management Inc., Security Capital Research & Management Incorporated, J.P. Morgan Alternative Asset Management, Inc., and J.P. Morgan Asset Management (Canada), Inc.

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Oklahoma Municipal Retirement Fund - Defined Benefit Plan

For the Periods Ending June 30, 2021



| Asset Class                    | Market Value (\$000s) | Actual Allocation (%) | Target Allocation (%) | Over/Under (%) |
|--------------------------------|-----------------------|-----------------------|-----------------------|----------------|
| Total Portfolio                | 751,234               | 100.00                | 100.00                |                |
| Equity                         | 540,219               | 71.91                 | 70.00                 | 1.91           |
| US Equity                      | 280,547               | 37.34                 | 35.00                 | 2.34           |
| US Large Cap Equity            | 208,700               | 27.78                 | 25.00                 | 2.78           |
| US Small/Mid Cap Equity        | 71,847                | 9.56                  | 10.00                 | -0.44          |
| Non US Equity                  | 189,327               | 25.20                 | 25.00                 | 0.20           |
| Int'l Developed Markets Equity | 154,692               | 20.59                 | 20.00                 | 0.59           |
| Emerging Markets Equity        | 34,636                | 4.61                  | 5.00                  | -0.39          |
| Global Long/Short Equity       | 70,345                | 9.36                  | 10.00                 | -0.64          |
| Fixed Income                   | 171,809               | 22.87                 | 25.00                 | -2.13          |
| Real Assets                    | 33,896                | 4.51                  | 5.00                  | -0.49          |
| Cash and Equivalents           | 5,310                 | 0.71                  | 0.00                  | 0.71           |

Oklahoma Municipal Retirement Fund - Defined Benefit Plan  
For the Periods Ending June 30, 2021

|                                  | Market Value (\$000s) | Actual Allocation (%) | 1 Month (%) | 3 Months (%) | YTD (%) | FYTD (%) | 3 Years (%) | 5 Years (%) | 7 Years (%) | 10 Years (%) |
|----------------------------------|-----------------------|-----------------------|-------------|--------------|---------|----------|-------------|-------------|-------------|--------------|
| OMRF Total Portfolio             | 1,166,343             |                       | --          | --           | --      | --       | --          | --          | --          | --           |
| Total Portfolio (04/91)          | 751,234               | 100.00                | 1.06        | 5.37         | 8.60    | 28.30    | 12.93       | 11.95       | 9.11        | 9.64         |
| Net of All Fees *                |                       |                       | 1.01        | 5.21         | 8.28    | 27.53    | 12.21       | 11.22       | 8.40        | 8.93         |
| Policy Index <sup>1</sup>        |                       |                       | 1.12        | 5.71         | 8.34    | 25.67    | 12.23       | 11.35       | 8.60        | 9.30         |
| Equity (10/10)                   | 540,219               | 71.91                 | 1.18        | 6.67         | 11.94   | 40.88    | 16.35       | 15.79       | 11.30       | 11.81        |
| Net of All Fees *                |                       |                       | 1.15        | 6.56         | 11.71   | 40.31    | 15.86       | 15.27       | 10.79       | 11.32        |
| MSCI ACWI                        |                       |                       | 1.35        | 7.53         | 12.56   | 39.87    | 15.14       | 15.20       | 10.32       | 10.48        |
| US Equity (06/00)                | 280,547               | 37.34                 | 2.10        | 7.34         | 14.14   | 42.89    | 18.12       | 17.44       | 13.35       | 14.27        |
| Net of All Fees *                |                       |                       | 2.08        | 7.27         | 13.98   | 42.50    | 17.77       | 17.08       | 13.00       | 13.91        |
| Russell 3000                     |                       |                       | 2.47        | 8.24         | 15.11   | 44.16    | 18.73       | 17.89       | 13.95       | 14.70        |
| US Large Cap Equity              |                       |                       |             |              |         |          |             |             |             |              |
| SSgA S&P 500 Non-Lending (02/10) | 208,700               | 27.78                 | 2.33        | 8.53         | 15.25   | 40.79    | 18.70       | 17.68       | 14.14       | 14.88        |
| Net of Manager Fees *            |                       |                       | 2.33        | 8.53         | 15.24   | 40.76    | 18.66       | 17.65       | 14.11       | 14.85        |
| S&P 500                          |                       |                       | 2.33        | 8.55         | 15.25   | 40.79    | 18.67       | 17.65       | 14.10       | 14.84        |
| US Small/Mid Cap Equity          |                       |                       |             |              |         |          |             |             |             |              |
| River Road (V) (04/16)           | 38,216                | 5.09                  | -0.99       | 3.15         | 16.95   | 48.66    | 12.54       | 14.74       | --          | --           |
| Net of Manager Fees *            |                       |                       | -1.07       | 2.91         | 16.40   | 47.29    | 11.51       | 13.70       | --          | --           |
| Russell 2000 Value               |                       |                       | -0.61       | 4.56         | 26.69   | 73.28    | 10.27       | 13.62       | 9.26        | 10.85        |
| TimesSquare (G) (04/09)          | 33,631                | 4.48                  | 4.34        | 5.01         | 4.61    | 42.82    | 19.46       | 18.65       | 13.02       | 14.75        |
| Net of Manager Fees *            |                       |                       | 4.26        | 4.76         | 4.10    | 41.47    | 18.31       | 17.50       | 11.87       | 13.56        |
| Russell 2500 Growth              |                       |                       | 5.37        | 6.04         | 8.67    | 49.63    | 20.15       | 20.68       | 14.81       | 14.83        |

## Oklahoma Municipal Retirement Fund - Defined Benefit Plan

For the Periods Ending June 30, 2021

|                                                      | Market<br>Value<br>(\$000s) | Actual<br>Allocation<br>(%) | 1<br>Month<br>(%) | 3<br>Months<br>(%) | YTD<br>(%)   | FYTD<br>(%)  | 3<br>Years<br>(%) | 5<br>Years<br>(%) | 7<br>Years<br>(%) | 10<br>Years<br>(%) |
|------------------------------------------------------|-----------------------------|-----------------------------|-------------------|--------------------|--------------|--------------|-------------------|-------------------|-------------------|--------------------|
| <b>Non US Equity (06/00)</b>                         | <b>189,327</b>              | <b>25.20</b>                | <b>-0.16</b>      | <b>6.95</b>        | <b>11.35</b> | <b>44.94</b> | <b>15.18</b>      | <b>15.06</b>      | <b>9.13</b>       | <b>9.14</b>        |
| <b>Net of All Fees *</b>                             |                             |                             | <b>-0.22</b>      | <b>6.75</b>        | <b>10.93</b> | <b>43.83</b> | <b>14.28</b>      | <b>14.16</b>      | <b>8.27</b>       | <b>8.37</b>        |
| <i>MSCI ACWI ex US</i>                               |                             |                             | -0.62             | 5.64               | 9.45         | 36.29        | 9.88              | 11.59             | 5.81              | 5.93               |
| <b>Artisan International Value (05/10)</b>           | <b>50,741</b>               | <b>6.75</b>                 | <b>-1.16</b>      | <b>6.54</b>        | <b>15.79</b> | <b>49.10</b> | <b>12.89</b>      | <b>12.83</b>      | <b>7.95</b>       | <b>10.31</b>       |
| <b>Net of Manager Fees *</b>                         |                             |                             | <b>-1.25</b>      | <b>6.27</b>        | <b>15.20</b> | <b>47.58</b> | <b>11.75</b>      | <b>11.68</b>      | <b>6.86</b>       | <b>9.19</b>        |
| <i>MSCI EAFE</i>                                     |                             |                             | -1.10             | 5.38               | 9.17         | 32.92        | 8.77              | 10.79             | 5.45              | 6.38               |
| <b>Ninety One International Dynamic Fund (03/15)</b> | <b>53,083</b>               | <b>7.07</b>                 | <b>-1.55</b>      | <b>4.67</b>        | <b>9.65</b>  | <b>41.59</b> | <b>12.74</b>      | <b>13.80</b>      | --                | --                 |
| <b>Net of Manager Fees *</b>                         |                             |                             | <b>-1.57</b>      | <b>4.58</b>        | <b>9.46</b>  | <b>41.11</b> | <b>12.35</b>      | <b>13.41</b>      | --                | --                 |
| <i>MSCI ACWI ex US</i>                               |                             |                             | -0.62             | 5.64               | 9.45         | 36.29        | 9.88              | 11.59             | 5.81              | 5.93               |
| <b>WCM Focused Int'l Growth (03/15)</b>              | <b>50,868</b>               | <b>6.77</b>                 | <b>2.04</b>       | <b>11.02</b>       | <b>11.33</b> | <b>42.54</b> | <b>22.77</b>      | <b>19.73</b>      | --                | --                 |
| <b>Net of Manager Fees *</b>                         |                             |                             | <b>1.99</b>       | <b>10.84</b>       | <b>10.97</b> | <b>41.62</b> | <b>21.94</b>      | <b>18.91</b>      | --                | --                 |
| <i>MSCI ACWI ex US</i>                               |                             |                             | -0.62             | 5.64               | 9.45         | 36.29        | 9.88              | 11.59             | 5.81              | 5.93               |
| <b>Harding Loevner EM (03/15)</b>                    | <b>34,636</b>               | <b>4.61</b>                 | <b>0.31</b>       | <b>5.39</b>        | <b>7.53</b>  | <b>44.92</b> | <b>10.59</b>      | <b>12.82</b>      | --                | --                 |
| <b>Net of Manager Fees *</b>                         |                             |                             | <b>0.22</b>       | <b>5.10</b>        | <b>6.94</b>  | <b>43.32</b> | <b>9.33</b>       | <b>11.53</b>      | --                | --                 |
| <i>MSCI Emerging Markets</i>                         |                             |                             | 0.21              | 5.12               | 7.58         | 41.36        | 11.67             | 13.43             | 6.74              | 4.65               |
| <b>Global Long/Short Equity (09/11)</b>              | <b>70,345</b>               | <b>9.36</b>                 | <b>1.20</b>       | <b>3.35</b>        | <b>5.29</b>  | <b>25.75</b> | <b>12.48</b>      | <b>11.48</b>      | <b>8.19</b>       | --                 |
| <b>Net of All Fees *</b>                             |                             |                             | <b>1.19</b>       | <b>3.32</b>        | <b>5.24</b>  | <b>25.63</b> | <b>12.31</b>      | <b>11.15</b>      | <b>7.81</b>       | --                 |
| <i>MSCI ACWI</i>                                     |                             |                             | 1.35              | 7.53               | 12.56        | 39.87        | 15.14             | 15.20             | 10.32             | 10.48              |
| <i>HFRI FOF: Strategic</i>                           |                             |                             | 1.37              | 4.28               | 6.02         | 24.32        | 7.67              | 7.64              | 4.87              | 4.51               |
| <b>Fixed Income (06/03)</b>                          | <b>171,809</b>              | <b>22.87</b>                | <b>0.62</b>       | <b>1.99</b>        | <b>0.43</b>  | <b>5.76</b>  | <b>6.37</b>       | <b>4.48</b>       | <b>4.14</b>       | <b>4.60</b>        |
| <b>Net of All Fees *</b>                             |                             |                             | <b>0.60</b>       | <b>1.91</b>        | <b>0.28</b>  | <b>5.45</b>  | <b>6.06</b>       | <b>4.20</b>       | <b>3.88</b>       | <b>4.36</b>        |
| <i>BloomBar US Aggregate</i>                         |                             |                             | 0.70              | 1.83               | -1.60        | -0.33        | 5.34              | 3.03              | 3.28              | 3.39               |
| <b>JP Morgan Fixed Income (06/91)</b>                | <b>70,696</b>               | <b>9.41</b>                 | <b>0.78</b>       | <b>1.91</b>        | <b>-0.83</b> | <b>1.50</b>  | <b>6.10</b>       | <b>3.75</b>       | <b>3.92</b>       | <b>4.04</b>        |
| <b>Net of Manager Fees *</b>                         |                             |                             | <b>0.77</b>       | <b>1.88</b>        | <b>-0.90</b> | <b>1.35</b>  | <b>5.94</b>       | <b>3.60</b>       | <b>3.77</b>       | <b>3.88</b>        |
| <i>BloomBar US Aggregate</i>                         |                             |                             | 0.70              | 1.83               | -1.60        | -0.33        | 5.34              | 3.03              | 3.28              | 3.39               |
| <b>Amundi Pioneer Core Plus Bond Fund (11/11)</b>    | <b>49,447</b>               | <b>6.58</b>                 | <b>0.77</b>       | <b>2.92</b>        | <b>1.44</b>  | <b>10.43</b> | <b>7.02</b>       | <b>5.36</b>       | <b>4.37</b>       | --                 |
| <b>Net of Manager Fees *</b>                         |                             |                             | <b>0.75</b>       | <b>2.85</b>        | <b>1.31</b>  | <b>10.15</b> | <b>6.75</b>       | <b>5.10</b>       | <b>4.11</b>       | --                 |
| <i>BloomBar Universal</i>                            |                             |                             | 0.73              | 1.96               | -1.15        | 1.12         | 5.64              | 3.48              | 3.54              | 3.74               |
| <b>BlackRock Strategic Income Opps (07/17)</b>       | <b>51,667</b>               | <b>6.88</b>                 | <b>0.26</b>       | <b>1.22</b>        | <b>1.59</b>  | <b>9.07</b>  | <b>6.02</b>       | --                | --                | --                 |
| <b>Net of Manager Fees *</b>                         |                             |                             | <b>0.21</b>       | <b>1.08</b>        | <b>1.30</b>  | <b>8.45</b>  | <b>5.42</b>       | --                | --                | --                 |
| <i>US T-Bills 30 Day + 4.0%</i>                      |                             |                             | 0.33              | 0.99               | 2.00         | 4.06         | 5.28              | 5.12              | 4.81              | 4.58               |
| <i>BloomBar US Aggregate</i>                         |                             |                             | 0.70              | 1.83               | -1.60        | -0.33        | 5.34              | 3.03              | 3.28              | 3.39               |



Oklahoma Municipal Retirement Fund - Defined Benefit Plan  
For the Periods Ending June 30, 2021

|                                              | Market<br>Value<br>(\$000s) | Actual<br>Allocation<br>(%) | 1<br>Month<br>(%) | 3<br>Months<br>(%) | YTD<br>(%) | FYTD<br>(%) | 3<br>Years<br>(%) | 5<br>Years<br>(%) | 7<br>Years<br>(%) | 10<br>Years<br>(%) |
|----------------------------------------------|-----------------------------|-----------------------------|-------------------|--------------------|------------|-------------|-------------------|-------------------|-------------------|--------------------|
| Real Assets                                  |                             |                             |                   |                    |            |             |                   |                   |                   |                    |
| Real Estate (09/11)                          | 33,896                      | 4.51                        | 1.53              | 3.63               | 5.54       | 8.07        | 5.85              | 6.98              | 9.01              | --                 |
| Net of All Fees *                            |                             |                             | 1.43              | 3.31               | 4.90       | 6.74        | 4.55              | 5.62              | 7.66              | --                 |
| JP Morgan Special Situation Property (02/07) | 14,025                      | 1.87                        | 1.78              | 4.65               | 6.57       | 9.86        | 7.40              | 8.39              | 10.92             | 12.86              |
| Net of Manager Fees *                        |                             |                             | 1.66              | 4.23               | 5.75       | 8.14        | 5.72              | 6.64              | 9.16              | 11.11              |
| NFI ODCE Net                                 |                             |                             | 3.72              | 3.72               | 5.68       | 7.13        | 4.61              | 5.63              | 7.44              | 8.60               |
| JP Morgan Strategic Property (05/07)         | 19,871                      | 2.65                        | 1.35              | 2.92               | 4.83       | 6.84        | 4.80              | 6.04              | 7.76              | 9.44               |
| Net of Manager Fees *                        |                             |                             | 1.27              | 2.67               | 4.31       | 5.78        | 3.76              | 4.94              | 6.67              | 8.36               |
| NFI ODCE Net                                 |                             |                             | 3.72              | 3.72               | 5.68       | 7.13        | 4.61              | 5.63              | 7.44              | 8.60               |
| Cash and Equivalents                         |                             |                             |                   |                    |            |             |                   |                   |                   |                    |
| Northern Trust Miscellaneous Assets (07/03)  | 4,991                       | 0.66                        | 0.00              | 0.00               | 0.00       | 0.01        | 1.11              | 0.95              | 0.71              | 0.51               |
| Residual Manager Cash <sup>2</sup>           | 319                         | 0.04                        | --                | --                 | --         | --          | --                | --                | --                | --                 |

\* The net of all fees includes administrative costs, custodial fees, transaction costs, and investment manager fees associated with the fund. The net of all fee calculation began January 1, 2011.

The net of manager fees includes the investment manager fees and transaction costs associated with each portfolio. The net of manager fee calculation began January 1, 2011.

<sup>1</sup> Effective January 2021, the Policy Index is comprised of 70% MSCI ACWI, 25% BloomBar Aggregate, and 5% NCREIF Property. From March 2016 through December 2020, the Policy Index is comprised of 65% MSCI ACWI, 30% BloomBar Aggregate, and 5% NCREIF Property. From April 2014 through February 2016, the Policy Index is composed of 25% S&P 500, 10% Russell 2500, 20% MSCI EAFE, 10% MSCI ACWI, 30% BloomBar Aggregate, and 5% NCREIF Index. From October 2010 through March 2014, the Policy Index was composed of 35% S&P 500, 10% Russell 2500, 20% MSCI EAFE, 30% BloomBar Aggregate, and 5% NCREIF Index. Prior to that the Policy Index was composed of 40% S&P 500, 15% Russell 2500, 10% MSCI EAFE, 30% BloomBar Aggregate, and 5% NCREIF Index.

<sup>2</sup> Residual Manager Cash includes cash held in the SSgA, International manager cash accounts, long/short manager fee account and JP Morgan fee accounts.

Fiscal year end is June.

All index returns are gross of dividends.

Market Overview

For the Periods Ending June 30, 2021

|                                 | 1<br>Month<br>(%) | 3<br>Months<br>(%) | YTD<br>(%) | FYTD<br>(%) | 3<br>Years<br>(%) | 5<br>Years<br>(%) | 7<br>Years<br>(%) | 10<br>Years<br>(%) |
|---------------------------------|-------------------|--------------------|------------|-------------|-------------------|-------------------|-------------------|--------------------|
| <b>US Equity Markets Value</b>  |                   |                    |            |             |                   |                   |                   |                    |
| Russell 1000 Value              | -1.15             | 5.21               | 17.05      | 43.68       | 12.42             | 11.87             | 9.41              | 11.61              |
| S&P 500 Value                   | -1.17             | 4.99               | 16.30      | 39.54       | 13.14             | 12.54             | 10.02             | 11.85              |
| Russell 2000 Value              | -0.61             | 4.56               | 26.69      | 73.28       | 10.27             | 13.62             | 9.26              | 10.85              |
| <b>US Equity Markets Core</b>   |                   |                    |            |             |                   |                   |                   |                    |
| S&P 500                         | 2.33              | 8.55               | 15.25      | 40.79       | 18.67             | 17.65             | 14.10             | 14.84              |
| Russell 1000                    | 2.51              | 8.54               | 14.95      | 43.07       | 19.16             | 17.99             | 14.16             | 14.90              |
| Russell 2000                    | 1.94              | 4.29               | 17.54      | 62.03       | 13.52             | 16.47             | 11.39             | 12.34              |
| Russell 2500                    | 1.18              | 5.44               | 16.97      | 57.79       | 15.24             | 16.35             | 11.74             | 12.86              |
| <b>US Equity Markets Growth</b> |                   |                    |            |             |                   |                   |                   |                    |
| Russell 1000 Growth             | 6.27              | 11.93              | 12.99      | 42.50       | 25.14             | 23.66             | 18.56             | 17.87              |
| S&P 500 Growth                  | 5.68              | 11.93              | 14.31      | 41.36       | 23.08             | 21.83             | 17.43             | 17.29              |
| Russell 2000 Growth             | 4.69              | 3.92               | 8.98       | 51.36       | 15.94             | 18.76             | 13.11             | 13.52              |
| NASDAQ Comp                     | 5.49              | 9.49               | 12.54      | 44.19       | 24.53             | 24.53             | 18.55             | 17.99              |
| <b>Non US Equity Markets</b>    |                   |                    |            |             |                   |                   |                   |                    |
| MSCI EAFE                       | -1.10             | 5.38               | 9.17       | 32.92       | 8.77              | 10.79             | 5.45              | 6.38               |
| MSCI ACWI ex US                 | -0.62             | 5.64               | 9.45       | 36.29       | 9.88              | 11.59             | 5.81              | 5.93               |
| MSCI World                      | 1.52              | 7.89               | 13.33      | 39.67       | 15.59             | 15.44             | 10.76             | 11.26              |
| S&P EPAC LargeMidCap            | -0.86             | 5.21               | 8.87       | 34.80       | 9.35              | 11.23             | 5.79              | 6.55               |
| <b>Fixed Income</b>             |                   |                    |            |             |                   |                   |                   |                    |
| BloomBar Intermediate G/C       | 0.08              | 0.98               | -0.90      | 0.19        | 4.70              | 2.63              | 2.73              | 2.76               |
| BloomBar Gov't/Credit           | 1.01              | 2.42               | -1.96      | -0.39       | 5.95              | 3.31              | 3.56              | 3.71               |
| BloomBar US Aggregate           | 0.70              | 1.83               | -1.60      | -0.33       | 5.34              | 3.03              | 3.28              | 3.39               |
| Citigroup Broad Investment Grd  | 0.83              | 1.96               | -1.60      | -0.21       | 5.47              | 3.10              | 3.33              | 3.43               |
| JPM Gov't ex US UnH             | -2.07             | 0.38               | -6.04      | 2.61        | 2.70              | 1.09              | 0.73              | 0.78               |
| FTSE High-Yield Market          | 1.32              | 2.68               | 3.64       | 15.69       | 7.03              | 7.19              | 5.09              | 6.35               |
| FTSE World Govt Bond            | -1.06             | 0.98               | -4.75      | 0.76        | 3.59              | 1.66              | 1.36              | 1.42               |
| US T-Bills 90 Day               | -0.00             | -0.00              | 0.03       | 0.09        | 1.34              | 1.17              | 0.87              | 0.63               |
| FTSE 1 Yr T-Bill                | -0.01             | 0.02               | 0.08       | 0.24        | 2.02              | 1.48              | 1.19              | 0.93               |

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Oklahoma Municipal Retirement Fund - Defined Contribution Investment Options

For the Periods Ending June 30, 2021

|                                                  | Market Value (\$000s) | Actual Allocation (%) | 1 Month (%) | 3 Months (%) | YTD (%) | FYTD (%) | 3 Years (%) | 5 Years (%) | 7 Years (%) | 10 Years (%) |
|--------------------------------------------------|-----------------------|-----------------------|-------------|--------------|---------|----------|-------------|-------------|-------------|--------------|
| Total Investment Options (ex. other assets)      | 177,637               | 42.79                 | --          | --           | --      | --       | --          | --          | --          | --           |
| Growth and Value Option (06/00)                  | 27,946                | 6.73                  | 2.96        | 8.85         | 15.92   | 45.75    | 20.41       | 19.33       | 15.01       | 15.36        |
| Net of All Fees *                                |                       |                       | 2.94        | 8.79         | 15.79   | 45.40    | 20.12       | 19.03       | 14.65       | 14.93        |
| S&P 500                                          |                       |                       | 2.33        | 8.55         | 15.25   | 40.79    | 18.67       | 17.65       | 14.10       | 14.84        |
| Vanguard Windsor II (V) (06/03)                  | 6,819                 | 1.64                  | 0.27        | 7.00         | 19.18   | 51.71    | 17.82       | 16.01       | 11.78       | 13.23        |
| Net of Manager Fees *                            |                       |                       | 0.24        | 6.93         | 19.03   | 51.31    | 17.51       | 15.70       | 11.48       | 12.93        |
| Russell 1000 Value                               |                       |                       | -1.15       | 5.21         | 17.05   | 43.68    | 12.42       | 11.87       | 9.41        | 11.61        |
| Vanguard Total Stock (C) (02/08)                 | 13,892                | 3.35                  | 2.56        | 8.30         | 15.28   | 44.37    | 18.81       | 17.98       | 14.03       | 14.78        |
| Net of Manager Fees *                            |                       |                       | 2.56        | 8.29         | 15.26   | 44.33    | 18.78       | 17.94       | 13.99       | 14.72        |
| S&P 500                                          |                       |                       | 2.33        | 8.55         | 15.25   | 40.79    | 18.67       | 17.65       | 14.10       | 14.84        |
| T. Rowe Price (G) (07/21)                        | 7,235                 | 1.74                  | --          | --           | --      | --       | --          | --          | --          | --           |
| Net of Manager Fees *                            |                       |                       | --          | --           | --      | --       | --          | --          | --          | --           |
| Russell 1000 Growth                              |                       |                       | 6.27        | 11.93        | 12.99   | 42.50    | 25.14       | 23.66       | 18.56       | 17.87        |
| S&P 500 Option                                   |                       |                       |             |              |         |          |             |             |             |              |
| SSgA S&P 500 Option Non-Lending (02/10)          | 38,233                | 9.21                  | 2.33        | 8.53         | 15.22   | 40.75    | 18.62       | 17.61       | 14.13       | 14.95        |
| Net of Manager Fees *                            |                       |                       | 2.32        | 8.53         | 15.21   | 40.72    | 18.59       | 17.59       | 14.05       | 14.80        |
| S&P 500                                          |                       |                       | 2.33        | 8.55         | 15.25   | 40.79    | 18.67       | 17.65       | 14.10       | 14.84        |
| Aggressive Equity Option (06/00)                 | 23,322                | 5.62                  | 1.94        | 5.81         | 16.14   | 62.74    | 16.53       | 17.92       | 12.19       | 13.83        |
| Net of All Fees *                                |                       |                       | 1.89        | 5.67         | 15.83   | 61.88    | 15.91       | 17.28       | 11.47       | 13.02        |
| Russell 2000                                     |                       |                       | 1.94        | 4.29         | 17.54   | 62.03    | 13.52       | 16.47       | 11.39       | 12.34        |
| Russell 2500                                     |                       |                       | 1.18        | 5.44         | 16.97   | 57.79    | 15.24       | 16.35       | 11.74       | 12.86        |
| Integrity Small Cap Value (V) (09/15)            | 5,688                 | 1.37                  | -2.57       | 4.43         | 28.39   | 83.16    | 9.76        | 13.55       | --          | --           |
| Net of Manager Fees *                            |                       |                       | -2.65       | 4.18         | 27.78   | 81.41    | 8.72        | 12.42       | --          | --           |
| Russell 2000 Value                               |                       |                       | -0.61       | 4.56         | 26.69   | 73.28    | 10.27       | 13.62       | 9.26        | 10.85        |
| SSgA Russell Small Cap Completeness Fund (05/10) | 11,805                | 2.84                  | 3.14        | 6.91         | 14.66   | 61.58    | 18.55       | 18.84       | 13.22       | 14.00        |
| Net of Manager Fees *                            |                       |                       | 3.13        | 6.89         | 14.62   | 61.45    | 18.46       | 18.75       | 13.14       | 13.93        |
| Russell Small Cap Completeness                   |                       |                       | 3.16        | 6.93         | 14.71   | 61.69    | 18.64       | 18.91       | 13.26       | 14.02        |
| TimesSquare (G) (09/15)                          | 5,829                 | 1.40                  | 4.18        | 5.04         | 6.66    | 44.08    | 17.97       | 19.46       | --          | --           |
| Net of Manager Fees *                            |                       |                       | 4.10        | 4.78         | 6.13    | 42.63    | 16.79       | 18.24       | --          | --           |
| Russell 2000 Growth                              |                       |                       | 4.69        | 3.92         | 8.98    | 51.36    | 15.94       | 18.76       | 13.11       | 13.52        |

Oklahoma Municipal Retirement Fund - Defined Contribution Investment Options

For the Periods Ending June 30, 2021

|                                                | Market Value (\$000s) | Actual Allocation (%) | 1 Month (%) | 3 Months (%) | YTD (%) | FYTD (%) | 3 Years (%) | 5 Years (%) | 7 Years (%) | 10 Years (%) |
|------------------------------------------------|-----------------------|-----------------------|-------------|--------------|---------|----------|-------------|-------------|-------------|--------------|
| International Investment Equity Option (06/00) | 10,270                | 2.47                  | -0.33       | 5.81         | 9.87    | 41.28    | 11.46       | 12.76       | 8.03        | 8.89         |
| Net of All Fees *                              |                       |                       | -0.39       | 5.61         | 9.45    | 40.20    | 10.58       | 11.85       | 7.14        | 7.90         |
| MSCI ACWI ex US                                |                       |                       | -0.62       | 5.64         | 9.45    | 36.29    | 9.88        | 11.59       | 5.81        | 5.93         |
| Artisan International Value (05/10)            | 2,576                 | 0.62                  | -1.16       | 6.54         | 15.79   | 49.10    | 12.87       | 12.84       | 7.95        | 10.27        |
| Net of Manager Fees *                          |                       |                       | -1.25       | 6.27         | 15.20   | 47.60    | 11.72       | 11.67       | 6.84        | 9.18         |
| MSCI EAFE                                      |                       |                       | -1.10       | 5.38         | 9.17    | 32.92    | 8.77        | 10.79       | 5.45        | 6.38         |
| SSgA Global Equity ex US (11/14)               | 2,569                 | 0.62                  | -0.55       | 5.56         | 9.36    | 35.64    | 9.63        | 11.22       | --          | --           |
| Net of Manager Fees *                          |                       |                       | -0.56       | 5.54         | 9.31    | 35.51    | 9.48        | 11.05       | --          | --           |
| MSCI ACWI ex US                                |                       |                       | -0.62       | 5.64         | 9.45    | 36.29    | 9.88        | 11.59       | 5.81        | 5.93         |
| Harding Loevner International Equity (07/16)   | 2,568                 | 0.62                  | 0.01        | 5.68         | 6.82    | 35.45    | 12.55       | 13.90       | --          | --           |
| Net of Manager Fees *                          |                       |                       | -0.06       | 5.47         | 6.38    | 34.35    | 11.64       | 12.96       | --          | --           |
| MSCI ACWI ex US                                |                       |                       | -0.62       | 5.64         | 9.45    | 36.29    | 9.88        | 11.59       | 5.81        | 5.93         |
| Harding Loevner Emerging Markets (09/15)       | 2,557                 | 0.62                  | 0.40        | 5.45         | 7.57    | 44.91    | 10.46       | 12.82       | --          | --           |
| Net of Manager Fees *                          |                       |                       | 0.31        | 5.16         | 6.98    | 43.28    | 9.14        | 11.44       | --          | --           |
| MSCI Emerging Markets                          |                       |                       | 0.21        | 5.12         | 7.58    | 41.36    | 11.67       | 13.43       | 6.74        | 4.65         |
| Global Equity Option                           |                       |                       |             |              |         |          |             |             |             |              |
| SSgA Global Equity NL (11/15)                  | 11,030                | 2.66                  | 1.36        | 7.47         | 12.51   | 39.61    | 15.11       | 15.07       | --          | --           |
| Net of Manager Fees *                          |                       |                       | 1.36        | 7.44         | 12.45   | 39.47    | 14.95       | 14.90       | --          | --           |
| MSCI ACWI                                      |                       |                       | 1.35        | 7.53         | 12.56   | 39.87    | 15.14       | 15.20       | 10.32       | 10.48        |
| ESG U.S. Stock Fund Option                     |                       |                       |             |              |         |          |             |             |             |              |
| Calvert Equity Fund (04/20)                    | 1,420                 | 0.34                  | 3.09        | 9.91         | 12.74   | 35.66    | --          | --          | --          | --           |
| Net of Manager Fees *                          |                       |                       | 3.04        | 9.73         | 12.37   | 34.75    | --          | --          | --          | --           |
| Russell 1000                                   |                       |                       | 2.51        | 8.54         | 14.95   | 43.07    | 19.16       | 17.99       | 14.16       | 14.90        |

## Oklahoma Municipal Retirement Fund - Defined Contribution Investment Options

For the Periods Ending June 30, 2021

|                                                   | Market<br>Value<br>(\$000s) | Actual<br>Allocation<br>(%) | 1<br>Month<br>(%) | 3<br>Months<br>(%) | YTD<br>(%)   | FYTD<br>(%)  | 3<br>Years<br>(%) | 5<br>Years<br>(%) | 7<br>Years<br>(%) | 10<br>Years<br>(%) |
|---------------------------------------------------|-----------------------------|-----------------------------|-------------------|--------------------|--------------|--------------|-------------------|-------------------|-------------------|--------------------|
| <b>Total Yield Option (02/12)</b>                 | <b>6,681</b>                | <b>1.61</b>                 | <b>0.66</b>       | <b>2.00</b>        | <b>0.38</b>  | <b>5.67</b>  | <b>6.44</b>       | <b>4.61</b>       | <b>4.20</b>       | <b>--</b>          |
| <b>Net of All Fees *</b>                          |                             |                             | <b>0.63</b>       | <b>1.91</b>        | <b>0.18</b>  | <b>5.27</b>  | <b>6.04</b>       | <b>4.22</b>       | <b>3.80</b>       | <b>--</b>          |
| <i>BloomBar US Aggregate</i>                      |                             |                             | 0.70              | 1.83               | -1.60        | -0.33        | 5.34              | 3.03              | 3.28              | 3.39               |
| <b>JP Morgan Core Bond Fund (02/12)</b>           | <b>3,337</b>                | <b>0.80</b>                 | <b>0.78</b>       | <b>1.93</b>        | <b>-0.78</b> | <b>1.68</b>  | <b>6.19</b>       | <b>3.81</b>       | <b>3.99</b>       | <b>--</b>          |
| <b>Net of Manager Fees *</b>                      |                             |                             | <b>0.75</b>       | <b>1.86</b>        | <b>-0.93</b> | <b>1.37</b>  | <b>5.87</b>       | <b>3.49</b>       | <b>3.70</b>       | <b>--</b>          |
| <i>BloomBar US Aggregate</i>                      |                             |                             | 0.70              | 1.83               | -1.60        | -0.33        | 5.34              | 3.03              | 3.28              | 3.39               |
| <b>Amundi Pioneer Core Plus Bond Fund (02/12)</b> | <b>1,686</b>                | <b>0.41</b>                 | <b>0.82</b>       | <b>2.93</b>        | <b>1.45</b>  | <b>10.43</b> | <b>7.08</b>       | <b>5.41</b>       | <b>4.42</b>       | <b>--</b>          |
| <b>Net of Manager Fees *</b>                      |                             |                             | <b>0.79</b>       | <b>2.84</b>        | <b>1.28</b>  | <b>10.04</b> | <b>6.71</b>       | <b>5.05</b>       | <b>4.07</b>       | <b>--</b>          |
| <i>BloomBar Universal</i>                         |                             |                             | 0.73              | 1.96               | -1.15        | 1.12         | 5.64              | 3.48              | 3.54              | 3.74               |
| <b>BlackRock Strategic Income Opps (07/17)</b>    | <b>1,659</b>                | <b>0.40</b>                 | <b>0.26</b>       | <b>1.23</b>        | <b>1.59</b>  | <b>9.07</b>  | <b>6.02</b>       | <b>--</b>         | <b>--</b>         | <b>--</b>          |
| <b>Net of Manager Fees *</b>                      |                             |                             | <b>0.21</b>       | <b>1.08</b>        | <b>1.30</b>  | <b>8.45</b>  | <b>5.42</b>       | <b>--</b>         | <b>--</b>         | <b>--</b>          |
| <i>US T-Bills 30 Day + 4.0%</i>                   |                             |                             | 0.33              | 0.99               | 2.00         | 4.06         | 5.28              | 5.12              | 4.81              | 4.58               |
| <i>BloomBar US Aggregate</i>                      |                             |                             | 0.70              | 1.83               | -1.60        | -0.33        | 5.34              | 3.03              | 3.28              | 3.39               |
| <b>Bond Index Option (11/11)</b>                  | <b>16,532</b>               | <b>3.98</b>                 | <b>0.71</b>       | <b>1.84</b>        | <b>-1.64</b> | <b>-0.34</b> | <b>5.46</b>       | <b>3.08</b>       | <b>3.34</b>       | <b>--</b>          |
| <b>Net of All Fees *</b>                          |                             |                             | <b>0.70</b>       | <b>1.83</b>        | <b>-1.67</b> | <b>-0.40</b> | <b>5.40</b>       | <b>3.02</b>       | <b>3.22</b>       | <b>--</b>          |
| <i>BloomBar US Aggregate</i>                      |                             |                             | 0.70              | 1.83               | -1.60        | -0.33        | 5.34              | 3.03              | 3.28              | 3.39               |
| <b>SSgA US Aggregate Bond Fund (11/11)</b>        | <b>16,532</b>               | <b>3.98</b>                 | <b>0.71</b>       | <b>1.84</b>        | <b>-1.64</b> | <b>-0.34</b> | <b>5.46</b>       | <b>3.08</b>       | <b>3.34</b>       | <b>--</b>          |
| <b>Net of Manager Fees *</b>                      |                             |                             | <b>0.70</b>       | <b>1.83</b>        | <b>-1.67</b> | <b>-0.40</b> | <b>5.40</b>       | <b>3.02</b>       | <b>3.28</b>       | <b>--</b>          |
| <b>Real Assets Option (01/17)</b>                 | <b>683</b>                  | <b>0.16</b>                 | <b>1.72</b>       | <b>8.75</b>        | <b>13.75</b> | <b>27.91</b> | <b>7.96</b>       | <b>--</b>         | <b>--</b>         | <b>--</b>          |
| <b>Net of Fees *</b>                              |                             |                             | <b>1.69</b>       | <b>8.64</b>        | <b>13.52</b> | <b>27.38</b> | <b>7.52</b>       | <b>--</b>         | <b>--</b>         | <b>--</b>          |
| <i>Real Assets Blended Benchmark <sup>1</sup></i> |                             |                             | 1.51              | 8.71               | 13.74        | 27.17        | 6.94              | 4.34              | 2.62              | 2.87               |
| <b>PIMCO Diversified Real Assets (01/17)</b>      | <b>683</b>                  | <b>0.16</b>                 | <b>1.72</b>       | <b>8.75</b>        | <b>13.75</b> | <b>27.91</b> | <b>7.96</b>       | <b>--</b>         | <b>--</b>         | <b>--</b>          |
| <b>Net of Manager Fees *</b>                      |                             |                             | <b>1.69</b>       | <b>8.64</b>        | <b>13.52</b> | <b>27.38</b> | <b>7.52</b>       | <b>--</b>         | <b>--</b>         | <b>--</b>          |
| <b>Fixed Fund Option</b>                          |                             |                             |                   |                    |              |              |                   |                   |                   |                    |
| <b>Voya Fixed Plus III (10/15) *</b>              | <b>41,521</b>               | <b>10.00</b>                | <b>0.17</b>       | <b>0.46</b>        | <b>0.91</b>  | <b>1.95</b>  | <b>2.01</b>       | <b>1.83</b>       | <b>--</b>         | <b>--</b>          |

<sup>1</sup> Real Assets Blended Benchmark: Effective August 2016, the index consists of 40.0% BloomBar US TIPS, 25.0% Bloomberg Commodity, 35.0% DJ US Select REIT.

Oklahoma Municipal Retirement Fund - Defined Contribution Investment Options

For the Periods Ending June 30, 2021

|                                       | Market<br>Value<br>(\$000s) | Actual<br>Allocation<br>(%) | 1<br>Month<br>(%) | 3<br>Months<br>(%) | YTD<br>(%) | FYTD<br>(%) | 3<br>Years<br>(%) | 5<br>Years<br>(%) | 7<br>Years<br>(%) | 10<br>Years<br>(%) |
|---------------------------------------|-----------------------------|-----------------------------|-------------------|--------------------|------------|-------------|-------------------|-------------------|-------------------|--------------------|
| SSgA Target Retirement Options        | 229,368                     | 55.25                       | --                | --                 | --         | --          | --                | --                | --                | --                 |
| SSgA Target Retirement Income (11/15) | 23,775                      |                             | 0.68              | 3.85               | 5.23       | 15.50       | 8.45              | 6.97              | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 0.67              | 3.82               | 5.16       | 15.36       | 8.32              | 6.84              | --                | --                 |
| SSgA Target Retirement 2020 (11/15)   | 35,070                      |                             | 0.83              | 4.55               | 6.43       | 19.72       | 9.86              | 9.02              | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 0.82              | 4.51               | 6.37       | 19.58       | 9.73              | 8.89              | --                | --                 |
| SSgA Target Retirement 2025 (11/15)   | 45,939                      |                             | 1.04              | 5.20               | 7.26       | 23.93       | 11.79             | 10.93             | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 1.02              | 5.16               | 7.19       | 23.78       | 11.66             | 10.80             | --                | --                 |
| SSgA Target Retirement 2030 (11/15)   | 32,722                      |                             | 1.22              | 5.73               | 7.77       | 26.93       | 13.02             | 12.10             | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 1.21              | 5.70               | 7.70       | 26.77       | 12.88             | 11.97             | --                | --                 |
| SSgA Target Retirement 2035 (11/15)   | 28,780                      |                             | 1.28              | 6.10               | 8.56       | 29.74       | 13.62             | 12.86             | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 1.27              | 6.07               | 8.49       | 29.58       | 13.49             | 12.72             | --                | --                 |
| SSgA Target Retirement 2040 (11/15)   | 21,281                      |                             | 1.31              | 6.41               | 9.39       | 32.45       | 14.11             | 13.50             | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 1.30              | 6.38               | 9.32       | 32.29       | 13.97             | 13.37             | --                | --                 |
| SSgA Target Retirement 2045 (11/15)   | 16,031                      |                             | 1.34              | 6.64               | 10.10      | 35.02       | 14.47             | 14.02             | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 1.33              | 6.61               | 10.03      | 34.86       | 14.33             | 13.88             | --                | --                 |
| SSgA Target Retirement 2050 (11/15)   | 12,630                      |                             | 1.37              | 6.80               | 10.56      | 36.54       | 14.80             | 14.21             | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 1.36              | 6.77               | 10.49      | 36.37       | 14.66             | 14.07             | --                | --                 |
| SSgA Target Retirement 2055 (11/15)   | 7,521                       |                             | 1.37              | 6.80               | 10.56      | 36.54       | 14.80             | 14.22             | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 1.36              | 6.77               | 10.49      | 36.38       | 14.66             | 14.08             | --                | --                 |
| SSgA Target Retirement 2060 (11/15)   | 5,469                       |                             | 1.37              | 6.80               | 10.55      | 36.53       | 14.77             | 14.17             | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 1.36              | 6.77               | 10.49      | 36.37       | 14.63             | 14.03             | --                | --                 |
| SSgA Target Retirement 2065 (05/20)   | 150                         |                             | 1.36              | 6.79               | 10.56      | 36.54       | --                | --                | --                | --                 |
| Net of Manager Fees *                 |                             |                             | 1.35              | 6.76               | 10.49      | 36.38       | --                | --                | --                | --                 |
| Loan Fund                             | 8,104                       | 1.95                        | --                | --                 | --         | --          | --                | --                | --                | --                 |

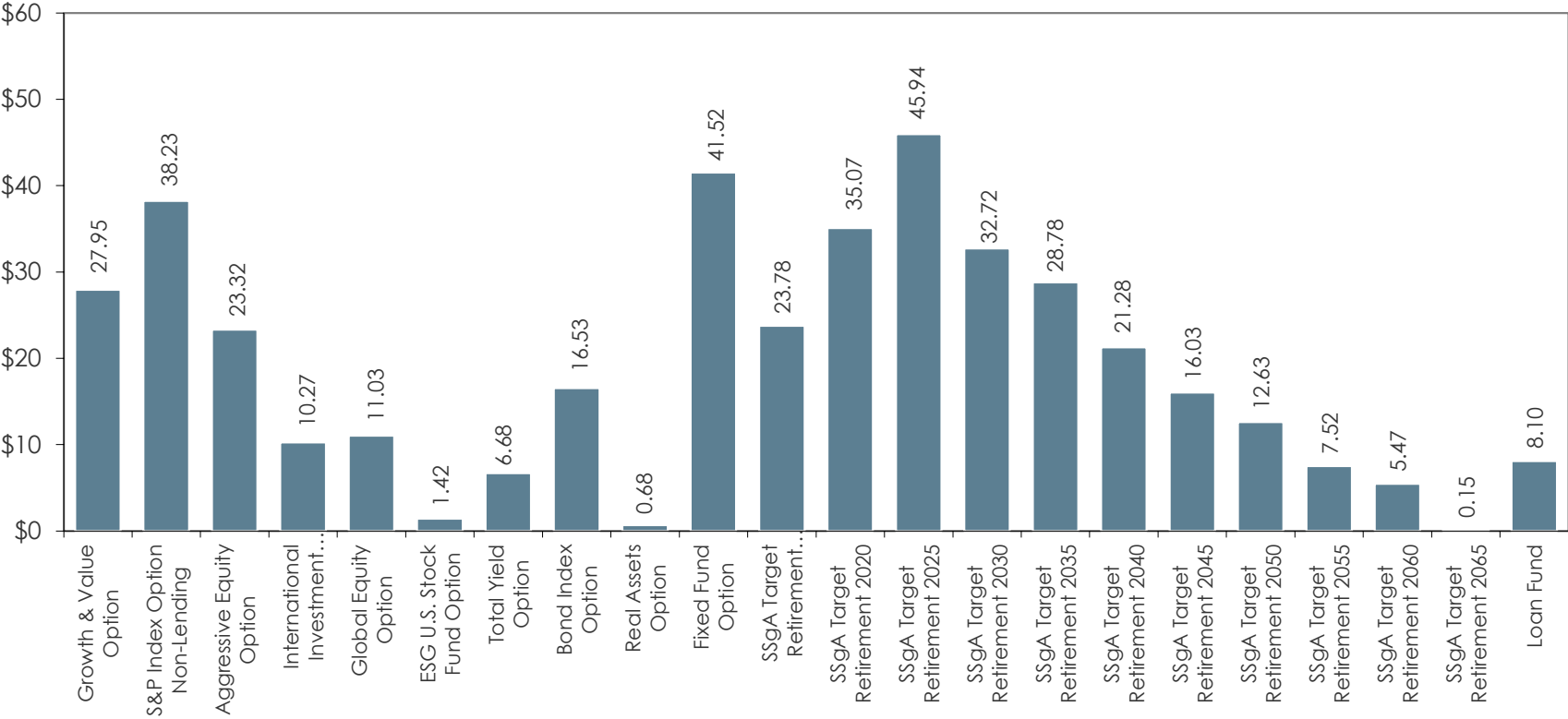
\* The net of all fees includes administrative costs, custodial fees, transaction costs, and investment manager fees associated with the fund. The net of all fee calculation began January 1, 2011.

\* The net of manager fees includes the investment manager fees and transaction costs associated with each portfolio. The net of manager fee calculation began January 1, 2011.

Fiscal year end is June

All index returns are gross of dividends.

**Oklahoma Municipal Retirement Fund - Defined Contribution**  
*For the Periods Ending June 30, 2021 (In \$ Millions)*





# Market Overview

For the Periods Ending June 30, 2021

|                                 | 1<br>Month<br>(%) | 3<br>Months<br>(%) | YTD<br>(%) | FYTD<br>(%) | 3<br>Years<br>(%) | 5<br>Years<br>(%) | 7<br>Years<br>(%) | 10<br>Years<br>(%) |
|---------------------------------|-------------------|--------------------|------------|-------------|-------------------|-------------------|-------------------|--------------------|
| <b>US Equity Markets Value</b>  |                   |                    |            |             |                   |                   |                   |                    |
| Russell 1000 Value              | -1.15             | 5.21               | 17.05      | 43.68       | 12.42             | 11.87             | 9.41              | 11.61              |
| S&P 500 Value                   | -1.17             | 4.99               | 16.30      | 39.54       | 13.14             | 12.54             | 10.02             | 11.85              |
| Russell 2000 Value              | -0.61             | 4.56               | 26.69      | 73.28       | 10.27             | 13.62             | 9.26              | 10.85              |
| <b>US Equity Markets Core</b>   |                   |                    |            |             |                   |                   |                   |                    |
| S&P 500                         | 2.33              | 8.55               | 15.25      | 40.79       | 18.67             | 17.65             | 14.10             | 14.84              |
| Russell 1000                    | 2.51              | 8.54               | 14.95      | 43.07       | 19.16             | 17.99             | 14.16             | 14.90              |
| Russell 2000                    | 1.94              | 4.29               | 17.54      | 62.03       | 13.52             | 16.47             | 11.39             | 12.34              |
| Russell 2500                    | 1.18              | 5.44               | 16.97      | 57.79       | 15.24             | 16.35             | 11.74             | 12.86              |
| <b>US Equity Markets Growth</b> |                   |                    |            |             |                   |                   |                   |                    |
| Russell 1000 Growth             | 6.27              | 11.93              | 12.99      | 42.50       | 25.14             | 23.66             | 18.56             | 17.87              |
| S&P 500 Growth                  | 5.68              | 11.93              | 14.31      | 41.36       | 23.08             | 21.83             | 17.43             | 17.29              |
| Russell 2000 Growth             | 4.69              | 3.92               | 8.98       | 51.36       | 15.94             | 18.76             | 13.11             | 13.52              |
| NASDAQ Comp                     | 5.49              | 9.49               | 12.54      | 44.19       | 24.53             | 24.53             | 18.55             | 17.99              |
| <b>Non US Equity Markets</b>    |                   |                    |            |             |                   |                   |                   |                    |
| MSCI EAFE                       | -1.10             | 5.38               | 9.17       | 32.92       | 8.77              | 10.79             | 5.45              | 6.38               |
| MSCI ACWI ex US                 | -0.62             | 5.64               | 9.45       | 36.29       | 9.88              | 11.59             | 5.81              | 5.93               |
| MSCI World                      | 1.52              | 7.89               | 13.33      | 39.67       | 15.59             | 15.44             | 10.76             | 11.26              |
| S&P EPAC LargeMidCap            | -0.86             | 5.21               | 8.87       | 34.80       | 9.35              | 11.23             | 5.79              | 6.55               |
| <b>Fixed Income</b>             |                   |                    |            |             |                   |                   |                   |                    |
| BloomBar Intermediate G/C       | 0.08              | 0.98               | -0.90      | 0.19        | 4.70              | 2.63              | 2.73              | 2.76               |
| BloomBar Gov't/Credit           | 1.01              | 2.42               | -1.96      | -0.39       | 5.95              | 3.31              | 3.56              | 3.71               |
| BloomBar US Aggregate           | 0.70              | 1.83               | -1.60      | -0.33       | 5.34              | 3.03              | 3.28              | 3.39               |
| Citigroup Broad Investment Grd  | 0.83              | 1.96               | -1.60      | -0.21       | 5.47              | 3.10              | 3.33              | 3.43               |
| JPM Gov't ex US UnH             | -2.07             | 0.38               | -6.04      | 2.61        | 2.70              | 1.09              | 0.73              | 0.78               |
| FTSE High-Yield Market          | 1.32              | 2.68               | 3.64       | 15.69       | 7.03              | 7.19              | 5.09              | 6.35               |
| FTSE World Govt Bond            | -1.06             | 0.98               | -4.75      | 0.76        | 3.59              | 1.66              | 1.36              | 1.42               |
| US T-Bills 90 Day               | -0.00             | -0.00              | 0.03       | 0.09        | 1.34              | 1.17              | 0.87              | 0.63               |
| FTSE 1 Yr T-Bill                | -0.01             | 0.02               | 0.08       | 0.24        | 2.02              | 1.48              | 1.19              | 0.93               |

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**Oklahoma Municipal Retirement Fund - Defined Benefit Plan**

Rebalance Recommendations

Unaudited Market Values as of July 13, 2021

|                                           |              | Jul 13, 2021<br>Market Value<br>(\$) | Actual<br>Allocation<br>(%) | Target<br>Allocation<br>(%) | Over/Under<br>Target<br>(%) | Target<br>Market Value<br>(\$) | Over/Under<br>Target<br>(\$) | Proposed<br>Adjustments<br>(\$) | Adjusted<br>Market Value<br>(\$) | Adjusted<br>Asset<br>Allocation<br>(%) |
|-------------------------------------------|--------------|--------------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------|------------------------------|---------------------------------|----------------------------------|----------------------------------------|
| <b>Total Portfolio</b>                    |              | <b>747,030,699</b>                   | <b>100.00</b>               | <b>100.00</b>               | <b>0.00</b>                 | <b>747,030,699</b>             | <b>0</b>                     | <b>0</b>                        | <b>747,030,699</b>               | <b>100.00</b>                          |
| <b>Equity</b>                             |              | <b>538,269,281</b>                   | <b>72.05</b>                | <b>70.00</b>                | <b>2.05</b>                 | <b>522,921,489</b>             | <b>15,347,792</b>            | <b>-6,000,000</b>               | <b>532,269,281</b>               | <b>71.25</b>                           |
| <b>US Large Cap Equity</b>                |              | <b>208,700,481</b>                   | <b>27.94</b>                | <b>25.00</b>                | <b>2.94</b>                 | <b>186,757,675</b>             | <b>21,942,806</b>            | <b>-6,000,000</b>               | <b>202,700,481</b>               | <b>27.13</b>                           |
| SSgA S&P 500 Non-Lending                  | <sup>1</sup> | 208,700,481                          | 27.94                       | 25.00                       | 2.94                        | 186,757,675                    | 21,942,806                   | -6,000,000                      | 202,700,481                      | 27.13                                  |
| <b>US Small/Mid Cap Equity</b>            |              | <b>70,911,657</b>                    | <b>9.49</b>                 | <b>10.00</b>                | <b>-0.51</b>                | <b>74,703,070</b>              | <b>-3,791,413</b>            | <b>0</b>                        | <b>70,911,657</b>                | <b>9.49</b>                            |
| River Road Small Cap Value                |              | 37,514,494                           | 5.02                        | 5.00                        | 0.02                        | 37,351,535                     | 162,959                      |                                 | 37,514,494                       | 5.02                                   |
| TimesSquare                               |              | 33,397,163                           | 4.47                        | 5.00                        | -0.53                       | 37,351,535                     | -3,954,372                   |                                 | 33,397,163                       | 4.47                                   |
| <b>Int'l Developed Markets Equity</b>     |              | <b>154,371,281</b>                   | <b>20.66</b>                | <b>20.00</b>                | <b>0.66</b>                 | <b>149,406,140</b>             | <b>4,965,141</b>             | <b>0</b>                        | <b>154,371,281</b>               | <b>20.66</b>                           |
| Artisan International Value               |              | 50,420,842                           | 6.75                        | 6.50                        | 0.25                        | 48,556,995                     | 1,863,846                    |                                 | 50,420,842                       | 6.75                                   |
| Ninety One International Dynamic Fund     | <sup>1</sup> | 53,082,860                           | 7.11                        | 7.00                        | 0.11                        | 52,292,149                     | 790,711                      |                                 | 53,082,860                       | 7.11                                   |
| WCM Focused Int'l Growth                  | <sup>1</sup> | 50,867,579                           | 6.81                        | 6.50                        | 0.31                        | 48,556,995                     | 2,310,584                    |                                 | 50,867,579                       | 6.81                                   |
| <b>Emerging Markets Equity</b>            |              | <b>33,941,167</b>                    | <b>4.54</b>                 | <b>5.00</b>                 | <b>-0.46</b>                | <b>37,351,535</b>              | <b>-3,410,368</b>            | <b>0</b>                        | <b>33,941,167</b>                | <b>4.54</b>                            |
| Harding Loevner Emerging Markets          |              | 33,941,167                           | 4.54                        | 5.00                        | -0.46                       | 37,351,535                     | -3,410,368                   |                                 | 33,941,167                       | 4.54                                   |
| <b>Global Long/Short Equity</b>           |              | <b>70,344,695</b>                    | <b>9.42</b>                 | <b>10.00</b>                | <b>-0.58</b>                | <b>74,703,070</b>              | <b>-4,358,375</b>            | <b>0</b>                        | <b>70,344,695</b>                | <b>9.42</b>                            |
| AKO Fund (K2)                             | <sup>1</sup> | 7,590,192                            | 1.02                        |                             |                             |                                |                              |                                 | 7,590,192                        | 1.02                                   |
| Bridger Swiftcurrent (K2)                 | <sup>1</sup> | 5,128,623                            | 0.69                        |                             |                             |                                |                              |                                 | 5,128,623                        | 0.69                                   |
| Engaged (K2)                              | <sup>1</sup> | 7,437,656                            | 1.00                        |                             |                             |                                |                              |                                 | 7,437,656                        | 1.00                                   |
| Jet Capital Concentrated Fund (K2)        | <sup>1</sup> | 5,078,653                            | 0.68                        |                             |                             |                                |                              |                                 | 5,078,653                        | 0.68                                   |
| Redmile (K2)                              | <sup>1</sup> | 3,280,917                            | 0.44                        |                             |                             |                                |                              |                                 | 3,280,917                        | 0.44                                   |
| Southpoint Qualified Fund (K2)            | <sup>1</sup> | 9,286,298                            | 1.24                        |                             |                             |                                |                              |                                 | 9,286,298                        | 1.24                                   |
| SQN (K2)                                  | <sup>1</sup> | 4,083,905                            | 0.55                        |                             |                             |                                |                              |                                 | 4,083,905                        | 0.55                                   |
| Starboard Value and Opportunity Fund (K2) | <sup>1</sup> | 6,224,599                            | 0.83                        |                             |                             |                                |                              |                                 | 6,224,599                        | 0.83                                   |
| Suvretta Partners (K2)                    | <sup>1</sup> | 6,970,102                            | 0.93                        |                             |                             |                                |                              |                                 | 6,970,102                        | 0.93                                   |
| Tremblant Partners (K2)                   | <sup>1</sup> | 8,751,896                            | 1.17                        |                             |                             |                                |                              |                                 | 8,751,896                        | 1.17                                   |
| Triam Partners (K2)                       | <sup>1</sup> | 6,511,855                            | 0.87                        |                             |                             |                                |                              |                                 | 6,511,855                        | 0.87                                   |
| <b>Fixed Income</b>                       |              | <b>171,809,498</b>                   | <b>23.00</b>                | <b>25.00</b>                | <b>-2.00</b>                | <b>186,757,675</b>             | <b>-14,948,177</b>           | <b>0</b>                        | <b>171,809,498</b>               | <b>23.00</b>                           |
| JP Morgan Fixed Income                    | <sup>1</sup> | 70,695,721                           | 9.46                        | 10.00                       | -0.54                       | 74,703,070                     | -4,007,349                   |                                 | 70,695,721                       | 9.46                                   |
| Amundi Pioneer Core Plus Bond Fund        | <sup>1</sup> | 49,447,101                           | 6.62                        | 7.50                        | -0.88                       | 56,027,302                     | -6,580,201                   |                                 | 49,447,101                       | 6.62                                   |
| BlackRock Strategic Income Opportunities  |              | 51,666,675                           | 6.92                        | 7.50                        | -0.58                       | 56,027,302                     | -4,360,627                   |                                 | 51,666,675                       | 6.92                                   |
| <b>Real Assets</b>                        |              | <b>33,895,500</b>                    | <b>4.54</b>                 | <b>5.00</b>                 | <b>-0.46</b>                | <b>37,351,535</b>              | <b>-3,456,035</b>            | <b>0</b>                        | <b>33,895,500</b>                | <b>4.54</b>                            |
| JP Morgan Special Situation Property      | <sup>1</sup> | 14,024,986                           | 1.88                        | 2.00                        | -0.12                       | 14,940,614                     | -915,628                     |                                 | 14,024,986                       | 1.88                                   |
| JP Morgan Strategic Property              | <sup>1</sup> | 19,870,514                           | 2.66                        | 3.00                        | -0.34                       | 22,410,921                     | -2,540,407                   |                                 | 19,870,514                       | 2.66                                   |
| <b>Cash and Equivalents</b>               |              | <b>3,056,421</b>                     | <b>0.41</b>                 | <b>0.00</b>                 | <b>0.41</b>                 | <b>0</b>                       | <b>3,056,421</b>             | <b>6,000,000</b>                | <b>9,056,421</b>                 | <b>1.21</b>                            |

<sup>1</sup> Market Value as of 6/30/2021

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**Oklahoma Municipal Retirement Fund**

**PROJECTED IMPACT OF ASSET EXPERIENCE  
ON OKMRF FUNDING REQUIREMENTS**

**Effective for the Year Starting  
July 1, 2022**

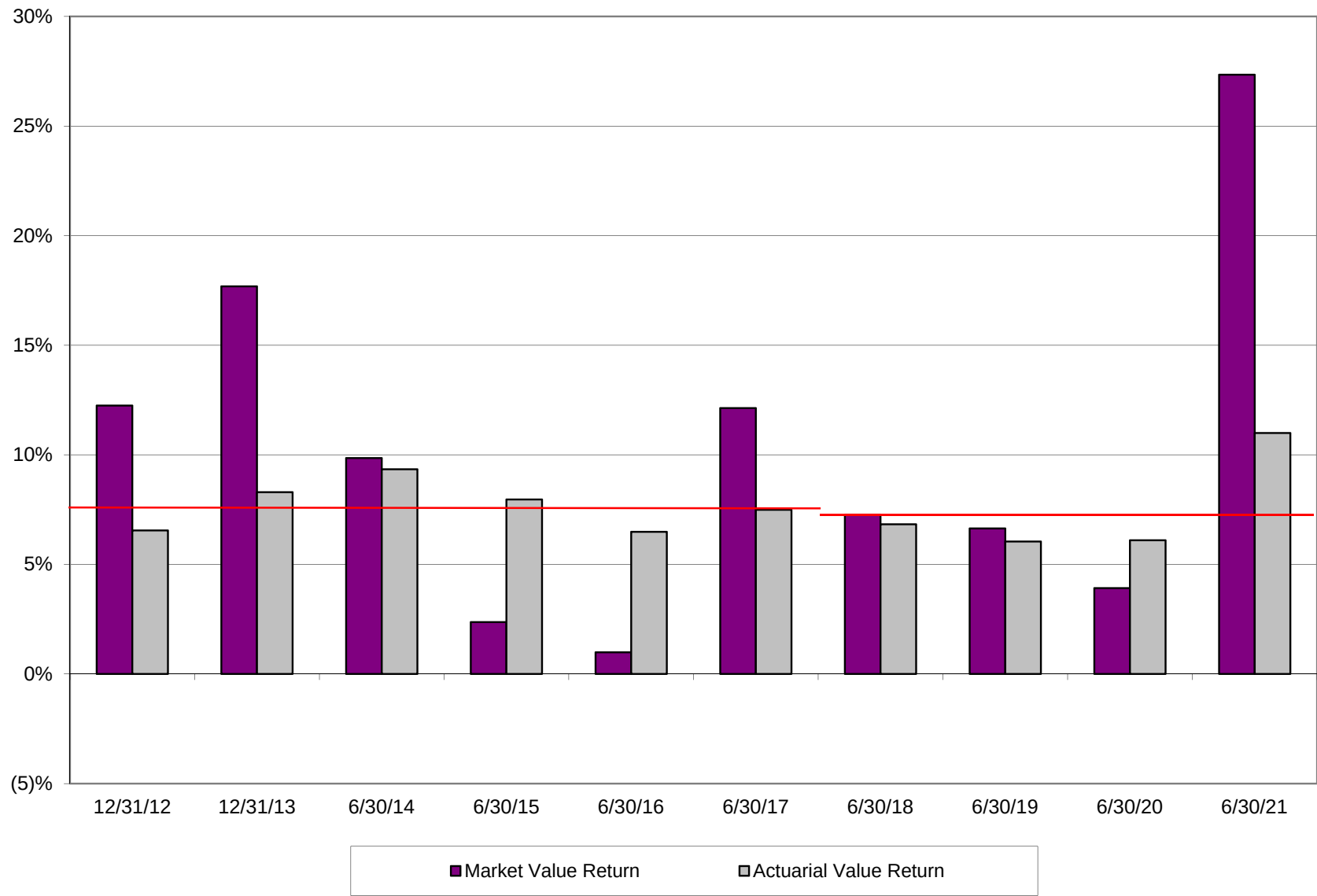
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July 30, 2021

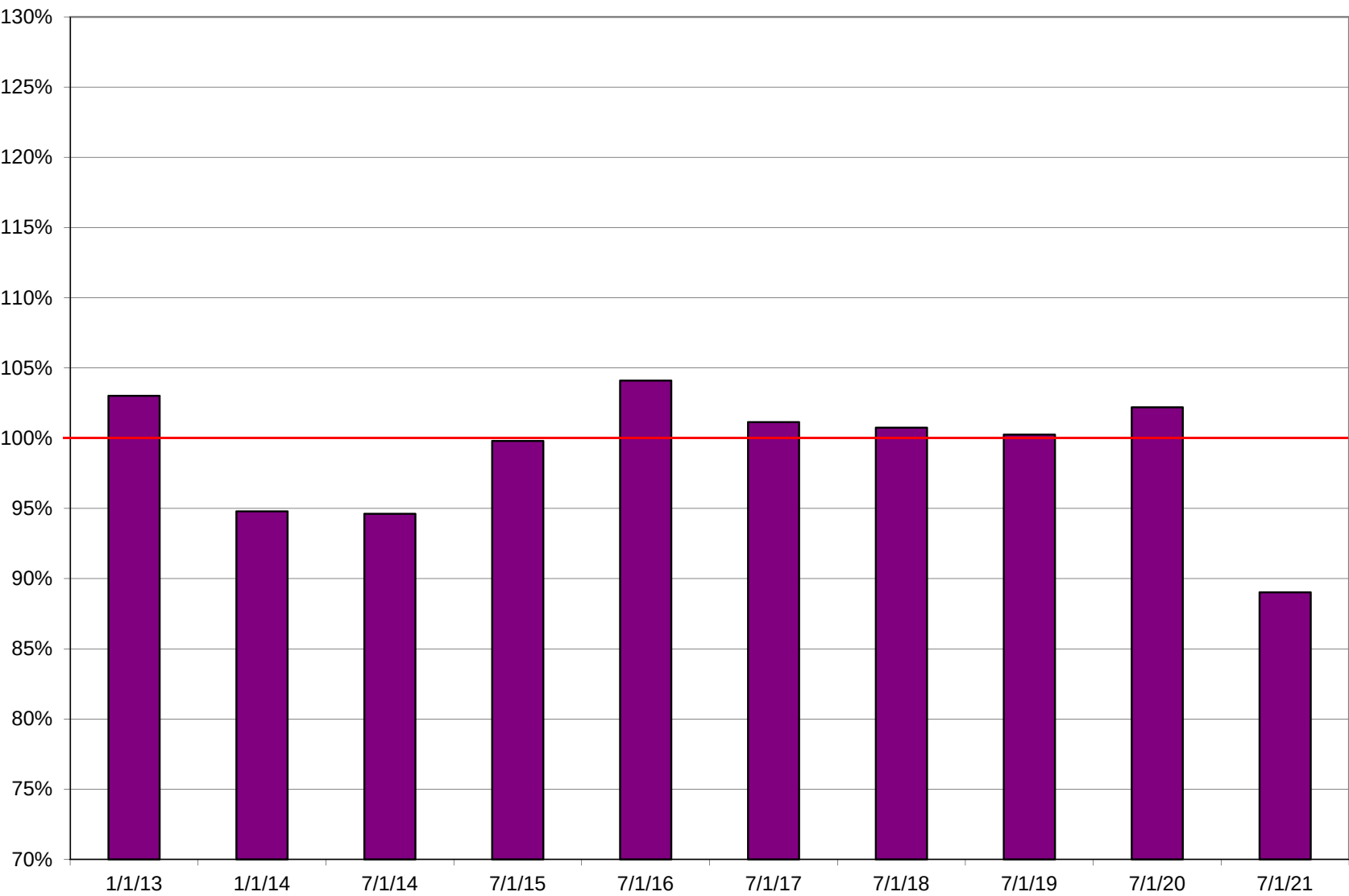
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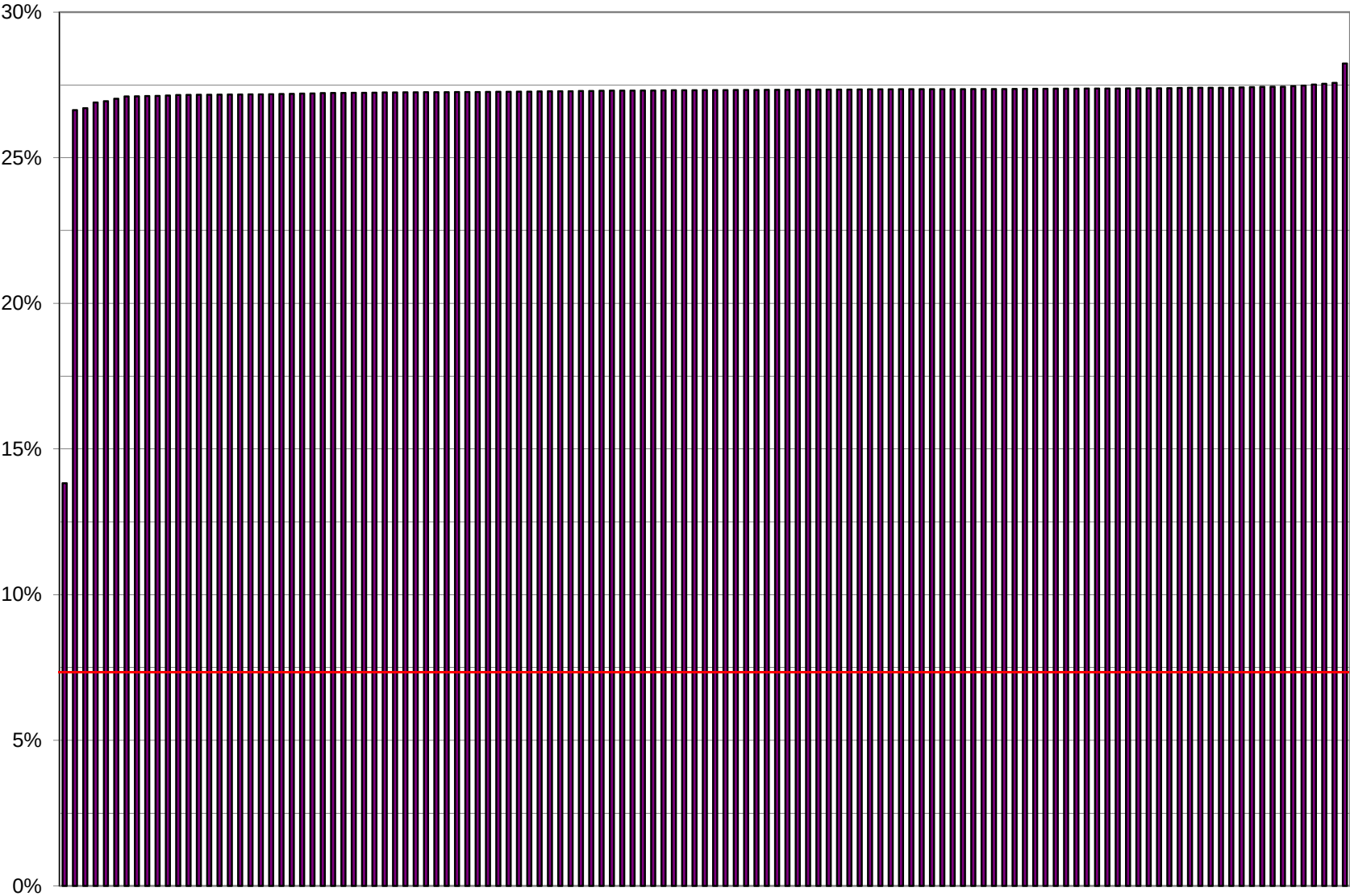
# Historical Asset Performance



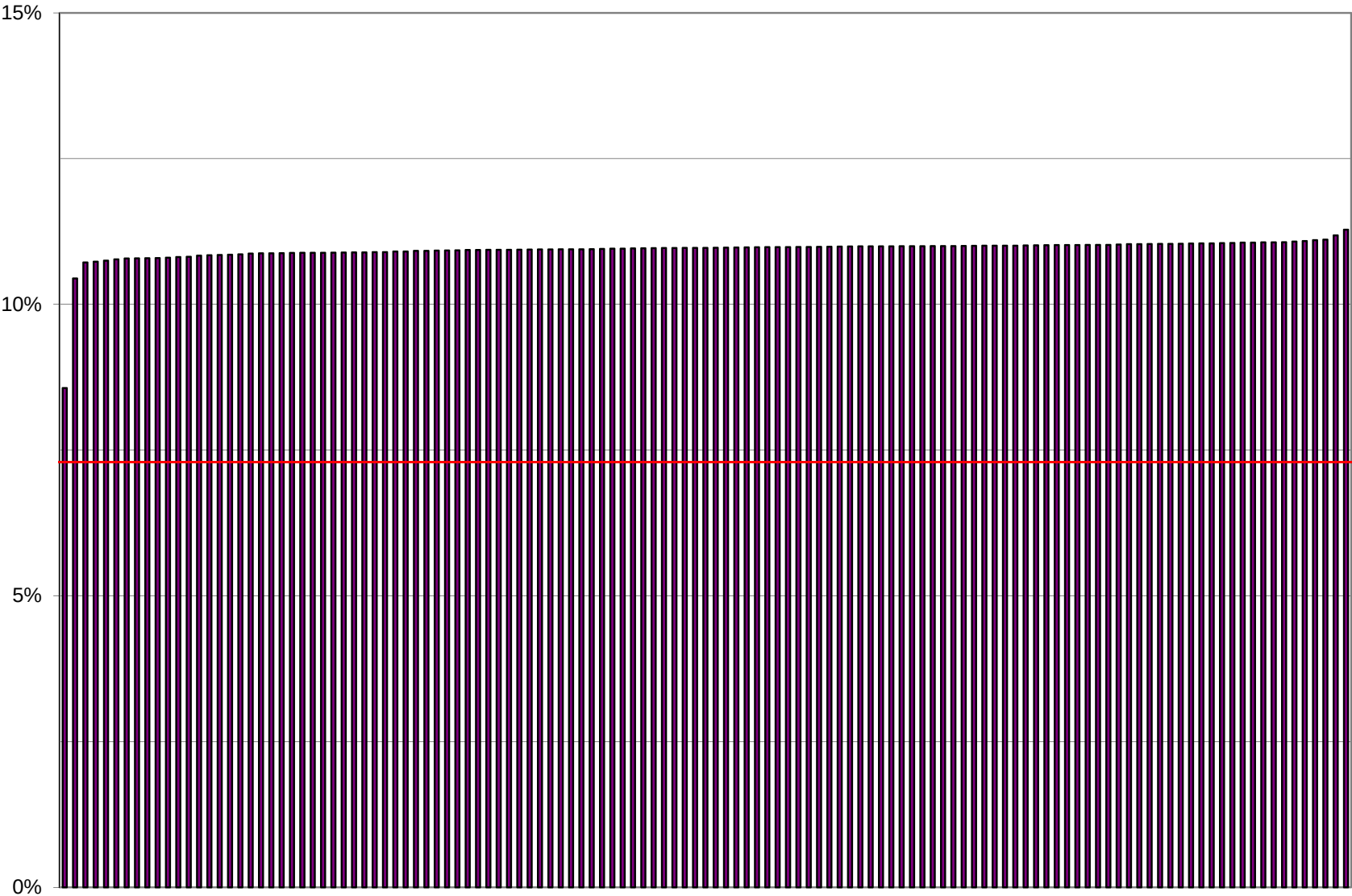
# Actuarial Value as % of Market Value



# 6/30/21 Market Value Return

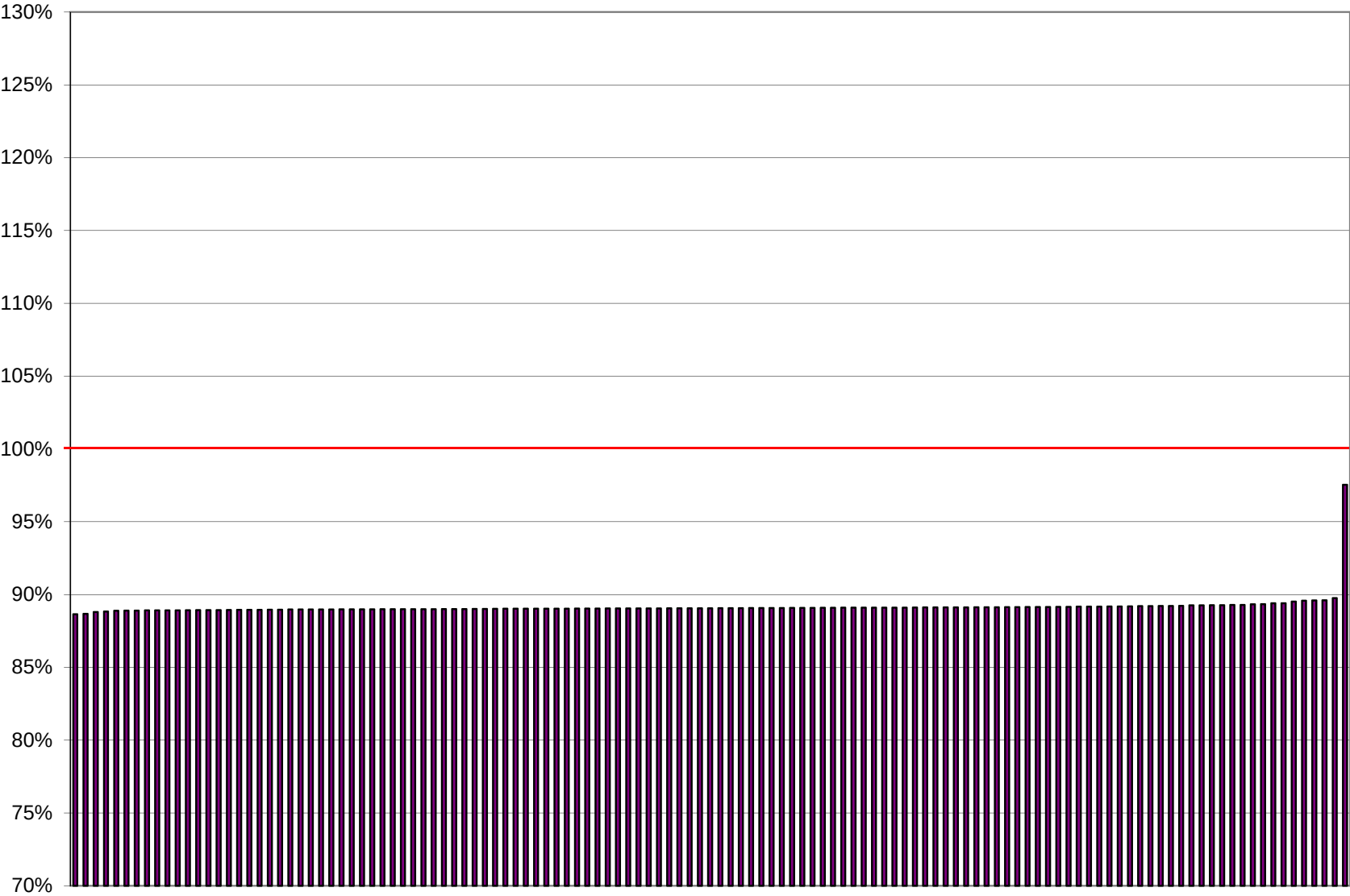


# 6/30/21 Actuarial Value Return

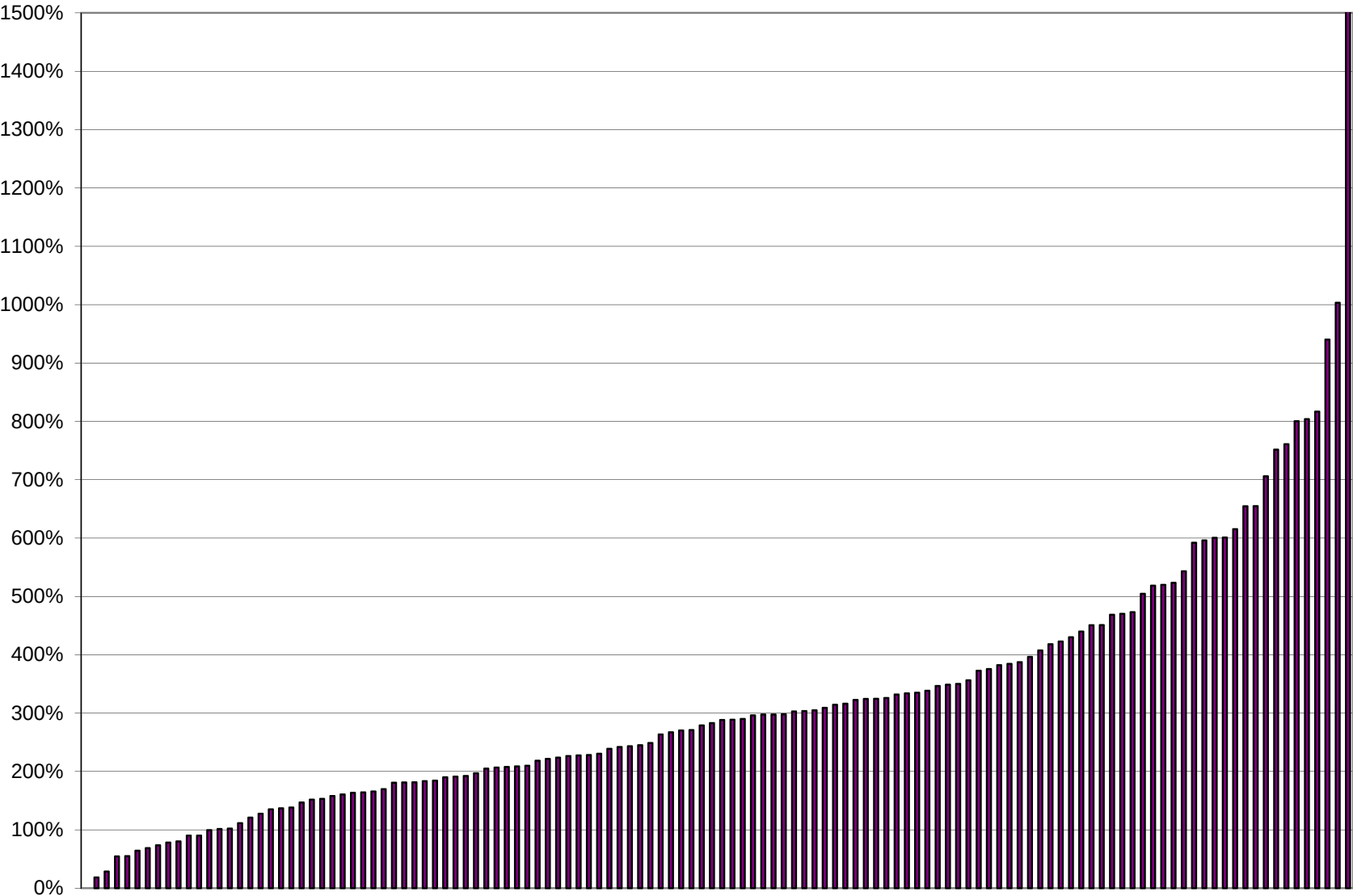




# Actuarial Value as % of Market Value at 7/1/2021



# 7/1/2020 Market Value as % of Payroll



**Projected 2022 Cost Changes**  
(Due to asset experience)

**Cost Increases**

| Increase more<br>than | but not more<br>than | Number of<br>plans |
|-----------------------|----------------------|--------------------|
| 4.0%                  |                      | 0                  |
| 3.0%                  | 4.0%                 | 0                  |
| 2.0%                  | 3.0%                 | 0                  |
| 1.5%                  | 2.0%                 | 0                  |
| 1.0%                  | 1.5%                 | 0                  |
| 0.5%                  | 1.0%                 | 1                  |
| 0.0%                  | 0.5%                 | 1                  |

**No change**

|                 |   |
|-----------------|---|
| Cost remains 0% | 4 |
|-----------------|---|

**Cost Decreases**

| Decrease more<br>than | but not more<br>than | Number of<br>plans |
|-----------------------|----------------------|--------------------|
| 0.0%                  | 0.5%                 | 19                 |
| 0.5%                  | 1.0%                 | 39                 |
| 1.0%                  | 1.5%                 | 32                 |
| 1.5%                  | 2.0%                 | 16                 |
| 2.0%                  | 2.5%                 | 7                  |
| 2.5%                  | 3.0%                 | 2                  |
| 3.0%                  | 4.0%                 | 0                  |
| 4.0%                  |                      | 2                  |
| Total plans           |                      | 123                |
| Average change        |                      | -1.09%             |
| Median change         |                      | -0.96%             |

Change is from 2020 rate if plan provisions have not changed, or if available, from study rate otherwise.

PROJECTED IMPACT OF ASSET EXPERIENCE ON OKMRF FUNDING REQUIREMENTS

| City                 | 2021 Rates |         |                |            |        |                    | Projected Change<br>Asset Experience |                      | 2022 Projected Rates |         |             |            |
|----------------------|------------|---------|----------------|------------|--------|--------------------|--------------------------------------|----------------------|----------------------|---------|-------------|------------|
|                      | Muni rate  | Ee rate | Hybrid<br>rate | Total rate | EANC%  | MV % of<br>payroll | Change in<br>muni rate               | Change in<br>ee rate | Muni rate            | Ee rate | Hybrid rate | Total rate |
| Adair                | 5.44%      | 4.50%   | 0.00%          | 9.94%      | 8.54%  | 161%               | -0.79%                               | 0.00%                | 4.65%                | 4.50%   | 0.00%       | 9.15%      |
| Altus                | 13.69%     | 4.00%   | 0.00%          | 17.69%     | 10.19% | 346%               | -1.34%                               | 0.00%                | 12.35%               | 4.00%   | 0.00%       | 16.35%     |
| Alva                 | 5.88%      | 3.00%   | 0.00%          | 8.88%      | 6.85%  | 243%               | -0.69%                               | 0.00%                | 5.18%                | 3.00%   | 0.00%       | 8.18%      |
| Antlers              | 4.99%      | 3.75%   | 0.00%          | 8.74%      | 7.75%  | 163%               | -0.64%                               | 0.00%                | 4.35%                | 3.75%   | 0.00%       | 8.10%      |
| Ardmore              | 8.57%      | 6.00%   | 0.00%          | 14.57%     | 14.53% | 408%               | -1.15%                               | 0.00%                | 7.42%                | 6.00%   | 0.00%       | 13.42%     |
| Bartlesville         | 21.92%     | 6.00%   | 0.00%          | 27.92%     | 17.11% | 469%               | 0.54%                                | 0.00%                | 22.46%               | 6.00%   | 0.00%       | 28.46%     |
| Bethany              | 8.84%      | 6.00%   | 0.00%          | 14.84%     | 11.66% | 752%               | -1.18%                               | 0.00%                | 7.66%                | 6.00%   | 0.00%       | 13.66%     |
| Bethany/Warr Acres   | 14.15%     | 6.00%   | 0.00%          | 20.15%     | 11.52% | 800%               | -2.64%                               | 0.00%                | 11.51%               | 6.00%   | 0.00%       | 17.51%     |
| Billings             | 2.18%      | 3.75%   | 0.00%          | 5.93%      | 9.96%  | 191%               | -0.28%                               | 0.00%                | 1.90%                | 3.75%   | 0.00%       | 5.65%      |
| Binger               | 3.41%      | 2.25%   | 0.00%          | 5.66%      | 4.47%  | 181%               | -0.54%                               | 0.00%                | 2.87%                | 2.25%   | 0.00%       | 5.12%      |
| Blackwell            | 9.81%      | 4.50%   | 0.00%          | 14.31%     | 12.86% | 298%               | -1.09%                               | 0.00%                | 8.72%                | 4.50%   | 0.00%       | 13.22%     |
| Blair                | 10.57%     | 3.41%   | 0.00%          | 13.98%     | 9.56%  | 338%               | -0.90%                               | 0.00%                | 9.67%                | 3.41%   | 0.00%       | 13.08%     |
| Boise City           | 11.38%     | 0.00%   | 0.00%          | 11.38%     | 7.81%  | 384%               | -1.33%                               | 0.00%                | 10.05%               | 0.00%   | 0.00%       | 10.05%     |
| Bokchito             | 5.84%      | 3.00%   | 0.00%          | 8.84%      | 8.69%  | 64%                | 0.02%                                | 0.00%                | 5.86%                | 3.00%   | 0.00%       | 8.86%      |
| Bristow              | 8.48%      | 5.25%   | 0.00%          | 13.73%     | 12.77% | 376%               | -1.11%                               | 0.00%                | 7.37%                | 5.25%   | 0.00%       | 12.62%     |
| Broken Bow           | 10.12%     | 6.00%   | 0.00%          | 16.12%     | 13.34% | 303%               | -1.32%                               | 0.00%                | 8.80%                | 6.00%   | 0.00%       | 14.80%     |
| Buffalo              | 8.22%      | 3.50%   | 0.00%          | 11.72%     | 10.94% | 504%               | -1.42%                               | 0.00%                | 6.80%                | 3.50%   | 0.00%       | 10.30%     |
| Burns Flat           | 10.06%     | 3.75%   | 0.00%          | 13.81%     | 7.09%  | 335%               | -1.52%                               | 0.00%                | 8.54%                | 3.75%   | 0.00%       | 12.29%     |
| Calera               | 5.41%      | 3.00%   | 0.00%          | 8.41%      | 5.93%  | 137%               | -0.57%                               | 0.00%                | 4.84%                | 3.00%   | 0.00%       | 7.84%      |
| Central Oklahoma MCD | 8.43%      | 6.00%   | 0.00%          | 14.43%     | 17.42% | 655%               | -1.44%                               | 0.00%                | 6.99%                | 6.00%   | 0.00%       | 12.99%     |
| Chandler             | 5.56%      | 4.50%   | 0.00%          | 10.06%     | 8.72%  | 332%               | -1.36%                               | 0.00%                | 4.20%                | 4.50%   | 0.00%       | 8.70%      |
| Checotah             | 5.64%      | 3.75%   | 0.00%          | 9.39%      | 7.14%  | 190%               | -0.79%                               | 0.00%                | 4.85%                | 3.75%   | 0.00%       | 8.60%      |
| Cherokee & CDA       | 6.28%      | 3.00%   | 0.00%          | 9.28%      | 7.11%  | 101%               | -0.15%                               | 0.00%                | 6.13%                | 3.00%   | 0.00%       | 9.13%      |
| Chickasha            | 10.71%     | 4.00%   | 0.00%          | 14.71%     | 14.71% | 804%               | -2.06%                               | 0.00%                | 8.66%                | 4.00%   | 0.00%       | 12.66%     |
| Claremore            | 6.44%      | 4.32%   | 0.00%          | 10.76%     | 8.29%  | 283%               | -1.02%                               | -0.03%               | 5.42%                | 4.29%   | 0.00%       | 9.71%      |
| Cleo Springs         | 25.00%     | 3.73%   | 0.00%          | 28.73%     | 16.04% | 706%               | -0.94%                               | 0.00%                | 24.06%               | 3.73%   | 0.00%       | 27.79%     |
| Cleveland            | 20.30%     | 6.00%   | 0.00%          | 26.30%     | 12.82% | 418%               | -1.25%                               | 0.00%                | 19.05%               | 6.00%   | 0.00%       | 25.05%     |
| Clinton              | 9.56%      | 5.25%   | 0.00%          | 14.81%     | 15.49% | 655%               | -1.58%                               | 0.00%                | 7.98%                | 5.25%   | 0.00%       | 13.23%     |
| Collinsville         | 9.85%      | 4.00%   | 0.00%          | 13.85%     | 10.19% | 184%               | -0.66%                               | 0.00%                | 9.19%                | 4.00%   | 0.00%       | 13.19%     |
| Copan                | 4.07%      | 1.50%   | 0.00%          | 5.57%      | 2.47%  | 29%                | -0.36%                               | 0.00%                | 3.71%                | 1.50%   | 0.00%       | 5.21%      |
| Cordell              | 8.28%      | 0.00%   | 0.00%          | 8.28%      | 12.62% | 817%               | -2.22%                               | 0.00%                | 6.06%                | 0.00%   | 0.00%       | 6.06%      |
| Cushing              | 10.64%     | 0.00%   | 0.00%          | 10.64%     | 8.15%  | 601%               | -1.84%                               | 0.00%                | 8.80%                | 0.00%   | 0.00%       | 8.80%      |
| Davis                | 8.46%      | 4.50%   | 0.00%          | 12.96%     | 9.97%  | 218%               | -0.69%                               | 0.00%                | 7.77%                | 4.50%   | 0.00%       | 12.27%     |
| Del City             | 20.53%     | 8.00%   | 0.00%          | 28.53%     | 13.93% | 520%               | -1.62%                               | 0.00%                | 18.91%               | 8.00%   | 0.00%       | 26.91%     |

PROJECTED IMPACT OF ASSET EXPERIENCE ON OkMRF FUNDING REQUIREMENTS

| City                        | 2021 Rates |         |                |            |        |                    | Projected Change<br>Asset Experience |                      | 2022 Projected Rates |         |             |            |
|-----------------------------|------------|---------|----------------|------------|--------|--------------------|--------------------------------------|----------------------|----------------------|---------|-------------|------------|
|                             | Muni rate  | Ee rate | Hybrid<br>rate | Total rate | EANC%  | MV % of<br>payroll | Change in<br>muni rate               | Change in<br>ee rate | Muni rate            | Ee rate | Hybrid rate | Total rate |
| Dewey                       | 9.75%      | 4.00%   | 0.00%          | 13.75%     | 10.11% | 334%               | -1.29%                               | 0.00%                | 8.47%                | 4.00%   | 0.00%       | 12.47%     |
| Drumright                   | 12.95%     | 6.00%   | 0.00%          | 18.95%     | 10.64% | 451%               | -1.86%                               | 0.00%                | 11.09%               | 6.00%   | 0.00%       | 17.09%     |
| Durant                      | 7.23%      | 5.00%   | 0.00%          | 12.23%     | 11.02% | 470%               | -1.56%                               | 0.00%                | 5.68%                | 5.00%   | 0.00%       | 10.68%     |
| El Reno                     | 7.09%      | 4.50%   | 0.00%          | 11.59%     | 8.77%  | 197%               | -0.64%                               | 0.00%                | 6.44%                | 4.50%   | 0.00%       | 10.94%     |
| Eufaula                     | 3.02%      | 3.75%   | 0.00%          | 6.77%      | 8.84%  | 242%               | -0.74%                               | 0.00%                | 2.28%                | 3.75%   | 0.00%       | 6.03%      |
| Fort Cobb                   | 8.87%      | 3.75%   | 0.00%          | 12.62%     | 8.73%  | 222%               | -0.80%                               | 0.00%                | 8.06%                | 3.75%   | 0.00%       | 11.81%     |
| Foss Reservoir Public Works | 7.19%      | 3.75%   | 0.00%          | 10.94%     | 6.96%  | 309%               | -1.95%                               | 0.00%                | 5.24%                | 3.75%   | 0.00%       | 8.99%      |
| Frederick                   | 7.63%      | 4.33%   | 0.00%          | 11.96%     | 9.08%  | 396%               | -1.58%                               | 0.00%                | 6.04%                | 4.33%   | 0.00%       | 10.37%     |
| Garber                      | 7.72%      | 3.75%   | 0.00%          | 11.47%     | 9.00%  | 90%                | -0.60%                               | 0.00%                | 7.11%                | 3.75%   | 0.00%       | 10.86%     |
| Geary                       | 7.66%      | 3.28%   | 0.00%          | 10.94%     | 9.20%  | 192%               | -0.28%                               | -0.12%               | 7.38%                | 3.16%   | 0.00%       | 10.54%     |
| Goodwell                    | 0.00%      | 3.00%   | 0.00%          | 3.00%      | 5.86%  | 205%               | 0.00%                                | 0.00%                | 0.00%                | 3.00%   | 0.00%       | 3.00%      |
| Gore and Gore PWA           | 5.73%      | 3.75%   | 0.00%          | 9.48%      | 9.00%  | 135%               | -0.38%                               | 0.00%                | 5.35%                | 3.75%   | 0.00%       | 9.10%      |
| Granite                     | 21.81%     | 4.00%   | 0.00%          | 25.81%     | 14.83% | 596%               | -2.13%                               | 0.00%                | 19.67%               | 4.00%   | 0.00%       | 23.67%     |
| Guthrie                     | 7.30%      | 3.69%   | 0.00%          | 10.99%     | 9.62%  | 326%               | -1.15%                               | 0.00%                | 6.15%                | 3.69%   | 0.00%       | 9.84%      |
| Harrah                      | 18.79%     | 5.25%   | 0.00%          | 24.04%     | 11.89% | 349%               | -1.83%                               | 0.00%                | 16.96%               | 5.25%   | 0.00%       | 22.21%     |
| Healdton                    | 10.10%     | 6.00%   | 0.00%          | 16.10%     | 13.31% | 298%               | -0.96%                               | 0.00%                | 9.14%                | 6.00%   | 0.00%       | 15.14%     |
| Henryetta                   | 13.62%     | 5.25%   | 0.00%          | 18.87%     | 10.65% | 249%               | -0.94%                               | 0.00%                | 12.67%               | 5.25%   | 0.00%       | 17.92%     |
| Hooker                      | 14.32%     | 4.25%   | 0.00%          | 18.57%     | 9.19%  | 288%               | -1.23%                               | 0.00%                | 13.09%               | 4.25%   | 0.00%       | 17.34%     |
| Hulbert                     | 7.35%      | 3.75%   | 0.00%          | 11.10%     | 6.22%  | 153%               | -0.87%                               | 0.00%                | 6.48%                | 3.75%   | 0.00%       | 10.23%     |
| Hydro                       | 4.54%      | 3.00%   | 0.00%          | 7.54%      | 5.67%  | 181%               | -0.97%                               | 0.00%                | 3.57%                | 3.00%   | 0.00%       | 6.57%      |
| Kansas                      | 2.37%      | 1.50%   | 0.00%          | 3.87%      | 2.77%  | 69%                | -0.35%                               | 0.00%                | 2.01%                | 1.50%   | 0.00%       | 3.51%      |
| Kiefer                      | 5.89%      | 3.00%   | 0.00%          | 8.89%      | 6.63%  | 55%                | -0.21%                               | 0.00%                | 5.68%                | 3.00%   | 0.00%       | 8.68%      |
| Kingston                    | 7.62%      | 3.75%   | 0.00%          | 11.37%     | 7.10%  | 164%               | -0.87%                               | 0.00%                | 6.75%                | 3.75%   | 0.00%       | 10.50%     |
| Krebs & Krebs Utility Auth. | 4.45%      | 3.00%   | 0.00%          | 7.45%      | 5.34%  | 102%               | -0.47%                               | 0.00%                | 3.99%                | 3.00%   | 0.00%       | 6.99%      |
| Laverne                     | 4.11%      | 3.75%   | 0.00%          | 7.86%      | 8.19%  | 304%               | -1.38%                               | 0.00%                | 2.73%                | 3.75%   | 0.00%       | 6.48%      |
| Lindsay                     | 6.06%      | 3.75%   | 0.00%          | 9.81%      | 10.76% | 267%               | -0.59%                               | 0.00%                | 5.47%                | 3.75%   | 0.00%       | 9.22%      |
| Madill                      | 10.32%     | 5.25%   | 0.00%          | 15.57%     | 11.58% | 296%               | -1.05%                               | 0.00%                | 9.27%                | 5.25%   | 0.00%       | 14.52%     |
| Mannford                    | 20.61%     | 6.00%   | 0.00%          | 26.61%     | 14.44% | 305%               | -1.66%                               | 0.00%                | 18.95%               | 6.00%   | 0.00%       | 24.95%     |
| Marietta                    | 7.15%      | 5.25%   | 0.00%          | 12.40%     | 10.64% | 207%               | -0.83%                               | 0.00%                | 6.32%                | 5.25%   | 0.00%       | 11.57%     |
| Marietta PWA                | 19.07%     | 5.00%   | 0.00%          | 24.07%     | 9.57%  | 224%               | -1.59%                               | 0.00%                | 17.48%               | 5.00%   | 0.00%       | 22.48%     |
| McLoud                      | 5.10%      | 3.75%   | 0.00%          | 8.85%      | 9.77%  | 121%               | -0.45%                               | 0.00%                | 4.66%                | 3.75%   | 0.00%       | 8.41%      |
| Medford                     | 15.00%     | 0.00%   | 4.00%          | 19.00%     | 9.09%  | 761%               | -2.19%                               | 0.00%                | 12.81%               | 0.00%   | 4.00%       | 16.81%     |
| Meeker                      | 8.56%      | 3.00%   | 0.00%          | 11.56%     | 12.90% | 228%               | -0.39%                               | 0.00%                | 8.17%                | 3.00%   | 0.00%       | 11.17%     |
| Miami                       | 9.45%      | 3.75%   | 0.00%          | 13.20%     | 7.46%  | 228%               | -1.20%                               | 0.00%                | 8.25%                | 3.75%   | 0.00%       | 12.00%     |

PROJECTED IMPACT OF ASSET EXPERIENCE ON OkMRF FUNDING REQUIREMENTS

| City                      | 2021 Rates |         |                |            |        |                    | Projected Change<br>Asset Experience |                      | 2022 Projected Rates |         |             |            |
|---------------------------|------------|---------|----------------|------------|--------|--------------------|--------------------------------------|----------------------|----------------------|---------|-------------|------------|
|                           | Muni rate  | Ee rate | Hybrid<br>rate | Total rate | EANC%  | MV % of<br>payroll | Change in<br>muni rate               | Change in<br>ee rate | Muni rate            | Ee rate | Hybrid rate | Total rate |
| Mooreland                 | 10.96%     | 4.00%   | 0.00%          | 14.96%     | 10.53% | 290%               | -0.91%                               | 0.00%                | 10.05%               | 4.00%   | 0.00%       | 14.05%     |
| Mountain Park MCD         | 30.88%     | 6.00%   | 0.00%          | 36.88%     | 13.63% | 423%               | -2.30%                               | 0.00%                | 28.57%               | 6.00%   | 0.00%       | 34.57%     |
| Muldrow                   | 10.02%     | 4.50%   | 0.00%          | 14.52%     | 9.74%  | 239%               | -0.99%                               | 0.00%                | 9.03%                | 4.50%   | 0.00%       | 13.53%     |
| Mustang                   | 12.48%     | 5.25%   | 0.00%          | 17.73%     | 12.64% | 314%               | -1.23%                               | 0.00%                | 11.25%               | 5.25%   | 0.00%       | 16.50%     |
| Nichols Hills             | 3.96%      | 5.00%   | 6.00%          | 14.96%     | 10.37% | 451%               | -0.61%                               | 0.00%                | 3.35%                | 5.00%   | 6.00%       | 14.35%     |
| Noble                     | 8.46%      | 4.25%   | 0.00%          | 12.71%     | 8.98%  | 271%               | -1.53%                               | 0.00%                | 6.93%                | 4.25%   | 0.00%       | 11.18%     |
| Nowata                    | 6.25%      | 5.00%   | 0.00%          | 11.25%     | 12.74% | 270%               | -0.75%                               | 0.00%                | 5.50%                | 5.00%   | 0.00%       | 10.50%     |
| Oilton                    | 4.05%      | 4.50%   | 0.00%          | 8.55%      | 9.36%  | 263%               | -0.57%                               | 0.00%                | 3.48%                | 4.50%   | 0.00%       | 7.98%      |
| Okeene                    | 7.40%      | 3.60%   | 0.00%          | 11.00%     | 11.73% | 473%               | -1.33%                               | 0.00%                | 6.07%                | 3.60%   | 0.00%       | 9.67%      |
| Okemah                    | 8.18%      | 3.75%   | 0.00%          | 11.93%     | 7.84%  | 166%               | -0.58%                               | 0.00%                | 7.60%                | 3.75%   | 0.00%       | 11.35%     |
| Oklahoma Municipal League | 15.24%     | 0.00%   | 0.00%          | 15.24%     | 18.33% | 940%               | -2.96%                               | 0.00%                | 12.28%               | 0.00%   | 0.00%       | 12.28%     |
| OkMRF                     | 12.47%     | 4.50%   | 0.00%          | 16.97%     | 11.96% | 230%               | -1.31%                               | 0.00%                | 11.15%               | 4.50%   | 0.00%       | 15.65%     |
| Okmulgee                  | 10.68%     | 0.00%   | 0.00%          | 10.68%     | 9.82%  | 615%               | -1.83%                               | 0.00%                | 8.85%                | 0.00%   | 0.00%       | 8.85%      |
| Owasso                    | 9.47%      | 4.26%   | 0.00%          | 13.73%     | 10.80% | 245%               | -0.82%                               | 0.00%                | 8.66%                | 4.26%   | 0.00%       | 12.92%     |
| Pawnee                    | 6.20%      | 6.00%   | 0.00%          | 12.20%     | 14.64% | 323%               | -0.85%                               | 0.00%                | 5.35%                | 6.00%   | 0.00%       | 11.35%     |
| Perkins                   | 5.27%      | 4.50%   | 0.00%          | 9.77%      | 11.88% | 350%               | -1.07%                               | 0.00%                | 4.20%                | 4.50%   | 0.00%       | 8.70%      |
| Perry                     | 7.77%      | 4.00%   | 0.00%          | 11.77%     | 9.36%  | 227%               | -0.87%                               | 0.00%                | 6.89%                | 4.00%   | 0.00%       | 10.89%     |
| Piedmont                  | 4.21%      | 3.00%   | 0.00%          | 7.21%      | 6.95%  | 54%                | -0.23%                               | 0.00%                | 3.98%                | 3.00%   | 0.00%       | 6.98%      |
| Pond Creek                | 13.90%     | 6.00%   | 0.00%          | 19.90%     | 9.73%  | 325%               | -2.11%                               | 0.00%                | 11.79%               | 6.00%   | 0.00%       | 17.79%     |
| Porum                     | 1.91%      | 2.25%   | 0.00%          | 4.16%      | 4.40%  | 147%               | -0.79%                               | 0.00%                | 1.12%                | 2.25%   | 0.00%       | 3.37%      |
| Poteau                    | 10.05%     | 4.25%   | 0.00%          | 14.30%     | 8.20%  | 440%               | -1.47%                               | 0.00%                | 8.58%                | 4.25%   | 0.00%       | 12.83%     |
| Ratliff City              | 4.03%      | 2.25%   | 0.00%          | 6.28%      | 4.70%  | 78%                | -0.39%                               | 0.00%                | 3.64%                | 2.25%   | 0.00%       | 5.89%      |
| Ringling                  | 6.79%      | 2.25%   | 0.00%          | 9.04%      | 4.56%  | 99%                | -0.37%                               | 0.00%                | 6.42%                | 2.25%   | 0.00%       | 8.67%      |
| Roland                    | 4.88%      | 3.75%   | 0.00%          | 8.63%      | 7.77%  | 138%               | -0.53%                               | 0.00%                | 4.35%                | 3.75%   | 0.00%       | 8.10%      |
| Sallisaw                  | 12.88%     | 7.00%   | 0.00%          | 19.88%     | 11.33% | 373%               | -1.65%                               | 0.00%                | 11.23%               | 7.00%   | 0.00%       | 18.23%     |
| Seiling                   | 0.00%      | 4.90%   | 0.00%          | 4.90%      | 9.86%  | 518%               | 0.00%                                | 0.00%                | 0.00%                | 4.90%   | 0.00%       | 4.90%      |
| Shawnee                   | 37.21%     | 4.25%   | 0.00%          | 41.46%     | 11.58% | 3082%              | -8.59%                               | 0.00%                | 28.62%               | 4.25%   | 0.00%       | 32.87%     |
| Skiatook                  | 8.25%      | 4.50%   | 0.00%          | 12.75%     | 12.45% | 90%                | -0.35%                               | 0.00%                | 7.90%                | 4.50%   | 0.00%       | 12.40%     |
| Spencer                   | 3.18%      | 5.25%   | 0.00%          | 8.43%      | 12.08% | 289%               | -0.67%                               | 0.00%                | 2.51%                | 5.25%   | 0.00%       | 7.76%      |
| Spiro                     | 6.57%      | 3.00%   | 0.00%          | 9.57%      | 6.35%  | 210%               | -0.87%                               | 0.00%                | 5.70%                | 3.00%   | 0.00%       | 8.70%      |
| Stilwell                  | 5.70%      | 4.50%   | 0.00%          | 10.20%     | 8.49%  | 356%               | -1.16%                               | 0.00%                | 4.55%                | 4.50%   | 0.00%       | 9.05%      |
| Stratford                 | 0.00%      | 1.39%   | 0.00%          | 1.39%      | 4.36%  | 111%               | 0.00%                                | 0.00%                | 0.00%                | 1.39%   | 0.00%       | 1.39%      |
| Stroud                    | 10.05%     | 5.25%   | 0.00%          | 15.30%     | 10.04% | 279%               | -1.21%                               | 0.00%                | 8.83%                | 5.25%   | 0.00%       | 14.08%     |
| Sulphur                   | 15.63%     | 5.00%   | 0.00%          | 20.63%     | 11.51% | 430%               | -1.70%                               | 0.00%                | 13.94%               | 5.00%   | 0.00%       | 18.94%     |

PROJECTED IMPACT OF ASSET EXPERIENCE ON OkMRF FUNDING REQUIREMENTS

| City                        | 2021 Rates   |              |                |               |              |                    | Projected Change<br>Asset Experience |                      | 2022 Projected Rates |              |              |               |
|-----------------------------|--------------|--------------|----------------|---------------|--------------|--------------------|--------------------------------------|----------------------|----------------------|--------------|--------------|---------------|
|                             | Muni rate    | Ee rate      | Hybrid<br>rate | Total rate    | EANC%        | MV % of<br>payroll | Change in<br>muni rate               | Change in<br>ee rate | Muni rate            | Ee rate      | Hybrid rate  | Total rate    |
| Talihina & TPWA             | 9.60%        | 4.50%        | 0.00%          | 14.10%        | 8.20%        | 152%               | -0.23%                               | 0.00%                | 9.37%                | 4.50%        | 0.00%        | 13.87%        |
| Thomas                      | 18.04%       | 5.25%        | 0.00%          | 23.29%        | 9.85%        | 382%               | -1.39%                               | 0.00%                | 16.65%               | 5.25%        | 0.00%        | 21.90%        |
| Tipton                      | 6.59%        | 3.00%        | 0.00%          | 9.59%         | 4.54%        | 158%               | -1.08%                               | 0.00%                | 5.51%                | 3.00%        | 0.00%        | 8.51%         |
| Tishomingo                  | 7.93%        | 3.75%        | 0.00%          | 11.68%        | 8.73%        | 128%               | -0.27%                               | 0.00%                | 7.66%                | 3.75%        | 0.00%        | 11.41%        |
| Tonkawa                     | 8.68%        | 3.50%        | 0.00%          | 12.18%        | 10.41%       | 316%               | -1.17%                               | 0.00%                | 7.51%                | 3.50%        | 0.00%        | 11.01%        |
| Velma                       | 1.80%        | 3.00%        | 0.00%          | 4.80%         | 7.37%        | 170%               | -0.52%                               | 0.00%                | 1.29%                | 3.00%        | 0.00%        | 4.29%         |
| Vian                        | 6.60%        | 4.50%        | 0.00%          | 11.10%        | 10.32%       | 74%                | -0.04%                               | 0.00%                | 6.55%                | 4.50%        | 0.00%        | 11.05%        |
| Vinita                      | 20.03%       | 5.25%        | 0.00%          | 25.28%        | 14.64%       | 601%               | -2.11%                               | 0.00%                | 17.92%               | 5.25%        | 0.00%        | 23.17%        |
| Wakita                      | 0.00%        | 2.25%        | 0.00%          | 2.25%         | 7.14%        | 592%               | 0.00%                                | 0.00%                | 0.00%                | 2.25%        | 0.00%        | 2.25%         |
| Warr Acres                  | 12.13%       | 4.00%        | 0.00%          | 16.13%        | 9.16%        | 543%               | -1.73%                               | 0.00%                | 10.40%               | 4.00%        | 0.00%        | 14.40%        |
| Watonga                     | 14.96%       | 4.00%        | 0.00%          | 18.96%        | 12.07%       | 324%               | -1.28%                               | 0.00%                | 13.68%               | 4.00%        | 0.00%        | 17.68%        |
| Waukomis                    | 3.71%        | 5.25%        | 0.00%          | 8.96%         | 10.78%       | 181%               | -0.62%                               | 0.00%                | 3.09%                | 5.25%        | 0.00%        | 8.34%         |
| Waurika                     | 8.06%        | 4.00%        | 0.00%          | 12.06%        | 12.57%       | 387%               | -1.05%                               | 0.00%                | 7.01%                | 4.00%        | 0.00%        | 11.01%        |
| Weatherford                 | 9.16%        | 6.25%        | 0.00%          | 15.41%        | 11.64%       | 209%               | -0.75%                               | 0.00%                | 8.41%                | 6.25%        | 0.00%        | 14.66%        |
| Webbers Falls               | 2.01%        | 2.25%        | 0.00%          | 4.26%         | 4.98%        | 80%                | -0.33%                               | 0.00%                | 1.68%                | 2.25%        | 0.00%        | 3.93%         |
| Wellston                    | 7.86%        | 0.00%        | 0.00%          | 7.86%         | 7.97%        | 183%               | -0.90%                               | 0.00%                | 6.96%                | 0.00%        | 0.00%        | 6.96%         |
| Westville Utility Authority | 7.62%        | 7.68%        | 0.00%          | 15.30%        | 12.92%       | 208%               | -0.68%                               | 0.00%                | 6.94%                | 7.68%        | 0.00%        | 14.62%        |
| Wetumka                     | 23.98%       | 5.25%        | 0.00%          | 29.23%        | 7.61%        | 1003%              | -4.33%                               | 0.00%                | 19.65%               | 5.25%        | 0.00%        | 24.90%        |
| Wilburton                   | 3.12%        | 1.50%        | 0.00%          | 4.62%         | 2.35%        | 18%                | -0.15%                               | 0.00%                | 2.96%                | 1.50%        | 0.00%        | 4.46%         |
| Yale                        | 10.96%       | 6.00%        | 0.00%          | 16.96%        | 14.81%       | 298%               | -1.02%                               | 0.00%                | 9.94%                | 6.00%        | 0.00%        | 15.94%        |
| Yukon                       | 17.92%       | 3.00%        | 0.00%          | 20.92%        | 9.88%        | 523%               | -1.11%                               | 0.00%                | 16.81%               | 3.00%        | 0.00%        | 19.81%        |
| <b>Averages</b>             | <b>9.37%</b> | <b>4.01%</b> | <b>0.08%</b>   | <b>13.46%</b> | <b>9.82%</b> | <b>338.39%</b>     | <b>-1.09%</b>                        | <b>0.00%</b>         | <b>8.28%</b>         | <b>4.01%</b> | <b>0.08%</b> | <b>12.37%</b> |

No current payroll

|        |        |       |       |        |  |        |      |       |        |       |       |        |
|--------|--------|-------|-------|--------|--|--------|------|-------|--------|-------|-------|--------|
| Braman | 12,747 | 6.00% | 0.00% | 12,747 |  | 12,747 | -626 | 0.00% | 12,121 | 6.00% | 0.00% | 12,121 |
|--------|--------|-------|-------|--------|--|--------|------|-------|--------|-------|-------|--------|

New plans adopting

|          |       |       |       |        |       |    |       |       |       |       |       |        |
|----------|-------|-------|-------|--------|-------|----|-------|-------|-------|-------|-------|--------|
| Valliant | 7.75% | 3.00% | 0.00% | 10.75% | 6.05% | 0% | 0.19% | 0.00% | 7.94% | 3.00% | 0.00% | 10.94% |
|----------|-------|-------|-------|--------|-------|----|-------|-------|-------|-------|-------|--------|

# **7/1/2021 Valuation**

## **Method and Assumptions**

### **Recommendations**

- No change to assumptions from last year
- No change in methods from last year



Report on Newly Adopted or Amended Plans  
Oklahoma Municipal Retirement Fund  
Jul-21

| City     | Plan Type | Effective | Details of Plan Changes                                                                                                                                                                                                                                                                                  | Current                                                                                                       |                                                                                 |
|----------|-----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Cherokee | DB        | 7/1/2021  | ✓Upgrade from plan B to plan A<br>(pension formula increased from 1.125% to 1.50%)<br>✓Increase GPU to 3.00% - Plan Maximum                                                                                                                                                                              | Effective<br>Plan<br>Contribution Type<br>Hybrid<br>Vesting years<br>Period Certain<br>COLA<br>Employee contr | 1/1/2020<br>B<br>Pretax<br>No<br>7 years<br>5 years<br>No<br>Plan Max 2.25%     |
| Lindsay  | DB        | 7/1/2021  | ✓Early Retirement Window:<br>As of 07/01/2021 a current employee of Lindsay who is age 55, or more & at least 10 years of Vesting Service may elect to retire & draw a monthly check and no early retirement reduction will apply. No Lump Sums<br>Election prior to 8/31/2021 and retire by 10/01/2021. | Effective<br>Plan<br>Contribution Type<br>Hybrid<br>Vesting years<br>Period Certain<br>COLA<br>Employee contr | 1/1/2020<br>BB<br>Pretax<br>No<br>10 years<br>5 years<br>Yes<br>Specified 3.75% |
| McCloud  | CMO       | 7/1/2021  | ✓Increase GPU to 20.00%                                                                                                                                                                                                                                                                                  | Effective<br>Vesting<br>Employer contr.<br>Employee contr.<br>Loans                                           | 12/1/2019<br>100% Immediate<br>Variable<br>GPU 15.00%<br>Yes                    |
| Talihina | DB        | 7/1/2021  | ✓Upgrade from plan CC to plan BB<br>(pension formula increased from 1.875% to 2.25%)<br>✓Increase GPU to 4.50% - Plan Maximum                                                                                                                                                                            | Effective<br>Plan<br>Contribution Type<br>Hybrid<br>Vesting years<br>Period Certain<br>COLA<br>Employee contr | 7/1/2020<br>CC<br>Pretax<br>No<br>10<br>5 years<br>No<br>Plan Maximum 3.75      |

Report on Newly Adopted or Amended Plans  
Oklahoma Municipal Retirement Fund  
Jul-21

| City      | Plan Type | Effective | Details of Plan Changes                                                                                                                            | Current     |
|-----------|-----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Blackwell | CMO #2    | 9/1/2021  | ✓Special Plan for Utility Trust Manager<br>✓Immediate Vesting<br>✓3.00% GPU<br>✓Employer Contribution Variable<br>✓Loans Allowed                   | New DC Plan |
| Vian      | DC        | 10/1/2021 | ✓For All Employees<br>✓Vesting 10%/1...100%/10<br>✓Employer Contribution Variable<br>✓Voluntary Employee Contribution allowed<br>✓No Loans Allowed | New DC Plan |