### **Oklahoma Firefighters Pension and Retirement System**

## 2024



Annual Comprehensive Financial Report for the Fiscal Years Ended June 30, 2024 and 2023 A Component Unit of the State of Oklahoma

#### Oklahoma Firefighters Pension and Retirement System

#### **MISSION STATEMENT**

To be responsive in administering retirement benefits to firefighters of Oklahoma; to manage the firefighters' retirement fund prudently; and to embrace the highest ethical standards with regard to these endeavors.

#### **VISION**

To be the best State Retirement System in Oklahoma by providing our members exceptional customer service, honest & ethical behavior and financial stability

#### **VALUES AND BEHAVIORS**

The Oklahoma Firefighters Pension and Retirement System ("OFPRS") values its members, both active and retired, and the important contributions they make to the state of Oklahoma.

Expect OFPRS staff to exhibit integrity, ethical conduct, professionalism and a commitment to superior performance through teamwork, communication, mutual respect and cooperation driven to produce results.

Effectively communicate new statute and rule changes to municipalities, members and staff. Use technology, such as the OFPRS website, to provide information in a timely manner.

Use every opportunity to continually educate members, municipalities, the OFPRS board and staff.

Utilize the most current technology to manage and operate OFPRS.

Provide every member a forum for timely and fair due process regarding applications and appeals.

Strive to maintain financial stability by actively managing a broad diversified investment portfolio.

#### **GOALS**

Provide exceptional communication and education to our membership

Adopt new technology that can be effectively and efficiently utilized to manage OFPRS.

Encourage teamwork and training to provide workflow continuity as staffing evolves.

Support the Oklahoma State Legislature regarding laws impacting the OFPRS and its members.

#### HISTORY OF THE FIREFIGHTERS PENSION SYSTEM

Governor Haskell signed into law the first fireman's pension benefit statute May 14, 1908. The new law contained a one percent tax on insurance premiums to fund the pension benefits for both paid and volunteer firefighters. Oklahoma cities and towns administered the program until the State Legislature created the current Oklahoma Firefighter Pension and Retirement System in 1980. The Oklahoma Firefighters Pension and Retirement System was created to better fund the total system and administer the system equally. The agency is vested with the power and duties specified by statutes and such other powers as may be necessary to enable it and its officers and employees to carry out fully and effectively the intent of the law to provide pension benefits to all participating firefighters in Oklahoma.



### Oklahoma Firefighters Pension and Retirement System

A Component Unit of the State of Oklahoma

### **Annual Comprehensive Financial Report**

For the Fiscal Years Ended June 30, 2024 and 2023

#### **Chase Rankin**

**Executive Director** 

Prepared by the Finance Department of the Oklahoma Firefighters Pension and Retirement System

**Timothy Van Horn** 

**Chief Financial Officer** 

**Thanh Dinh** 

Controller

6601 Broadway Extension, Suite 100 Oklahoma City, OK 73116 (Phone) 405-522-4600 (Fax) 405-522-4643 (Toll Free) 1-800-525-7461 https://www.ok.gov/fprs/

#### Oklahoma Firefighters Pension and Retirement System 2024 Annual Comprehensive Financial Report

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### **Introductory Section**



- (4) Letter of Transmittal
- (8) Board of Trustees
- (9) Organizational Chart
- (10) Professional Advisors and Consultants
- (11) Certificate of Achievement for Excellence in Financial Reporting



#### **Letter of Transmittal**

Oklahoma Firefighter's Pension & Retirement System 6601 Broadway Extension, Suite #100 Oklahoma City, OK 73116

(405) 522-4600 (405) 522-4643

December 18, 2024

To the Board of Trustees and Members of the Oklahoma Firefighters' Pension and Retirement System:

State law requires that, after July 1 and before December 1 of each year, the Oklahoma Firefighter's Pension & Retirement System (the System) publish an annual report that covers the operation of the System during the past fiscal year, including income, disbursements and the financial condition at the end of the fiscal year. This report is published, in part, to fulfill that requirement for the fiscal years ended June 30, 2024 and 2023.

Management assumes full responsibility for the completeness and reliability of the information contained in this report, based upon a comprehensive framework of internal control that it has established for this purpose. Because the cost of internal control should not exceed anticipated benefits, the objective is to provide reasonable, rather than absolute, assurance that the financial statements are free of any material misstatements.

Finley & Cook, PLLC, Certified Public Accountants, has issued an unmodified opinion on the Oklahoma Firefighter's Pension & Retirement Plan's statement of fiduciary net position as of June 30, 2024 and 2023, and the related statement of changes in fiduciary net position for the year then ended. The independent auditors' report is located at the front of the Financial Section of this report.

Management's discussion and analysis (MD&A) immediately follows the independent auditors' report and provides a narrative introduction, overview, and analysis of the basic financial statements. MD&A complements this letter of transmittal and should be read in conjunction with it.

#### Profile of the System

The System is a multiple-employer, cost-sharing public employee retirement plan, which is a defined benefit pension plan. It covers 473 cities, 28 fire protection districts, and 135 county fire departments as of June 30, 2024. The employee and employer contribution rates are established by the Oklahoma statute and are not based on actuarial calculations.

### Letter of Transmittal, continued

Members qualify for full retirement benefits prior to November 1, 2022 as follows:

#### Hired Prior to November 1, 2013

Normal retirement is attained upon completing 20 years of service. The normal retirement benefit is equal to 50% of the member's final average compensation. Final average compensation is defined as the monthly average of the highest 30 consecutive months of the last 60 months of participating service. For volunteer firefighters, the monthly pension benefit for normal retirement is \$150.60 per month.

#### Hired After November 1, 2013

Normal retirement is attained upon completing 22 years of service. The normal retirement benefit is equal to 55% of the member's final average compensation. Final average compensation is defined as the monthly average of the highest 30 consecutive months of the last 60 months of participating service. Also participants must be age 50 to begin receiving benefits. For volunteer firefighters, the monthly pension benefit for normal retirement is \$165.66 per month.

Pursuant to the passage of HB 2487 in 2022, members qualify for full retirement benefits after November 1, 2022 as follows:

Normal retirement is attained upon completing 20 years of service. The normal retirement benefit is equal to 50% of the member's final average compensation. Final average compensation is defined as the monthly average of the highest 30 consecutive months of the last 60 months of participating service. For volunteer firefighters, the monthly pension benefit for normal retirement is \$150.60 per month.

The System is administered by a 13-member board which acts as a fiduciary for investment of funds and the application of plan interpretations. The Oklahoma Firefighters Pension and Retirement System Board of Trustees (the "Board") is responsible for the operation, administration, and management of the System. The Board also determines the general investment policy of the System's assets. The Board is comprised of 13 members. Five members shall be the Board of Trustees of the Oklahoma State Firefighters Association, a 5-year term. One member shall be the President of the Professional Firefighters of Oklahoma or his designee. One member shall be the President of the Oklahoma State Retired Firefighters Association or his designee. One member shall be appointed by the Speaker of the House of Representatives, a 4-year term. One member shall be appointed by the President Pro Tempore of the Senate, a 4-year term. Two members shall be appointed by the President of the Oklahoma Municipal League, a 4-year term. One member shall be the State Insurance Commissioner or his designee. One member shall be the Director of the Office of Management and Enterprise Services or his designee.

Each year, the System, along with other state agencies, is required to file a budget work program with the Office of Management and Enterprise Services. This work program, as approved by the Board, must include a description of all funds available for expenditure and show spending by major program category.

Additionally, in each even-numbered year, the System, along with other state agencies, must file a strategic plan covering five fiscal years beginning with the next odd-numbered fiscal year. The strategic plan includes a mission statement, the core values and behaviors inherent to operations, and a summary of goals and objectives to be achieved through specific projects outlined for the five-year period. The mission of the System's Board and staff is to be responsive in administering retirement benefits to firefighters of Oklahoma; to manage the firefighters' retirement fund prudently; and to embrace the highest ethical standards with regard to these endeavors.

#### Letter of Transmittal, continued

The summary of goals and objectives outlined in the strategic plan are:

- Create an excellent customer experience for members
- Improve the stability, reliability and security of agency resources and data
- Empower employees and members through knowledge and resources
- Foster a culture of employee development and success
- Maintain superior rate of returns on our investment portfolio

#### Investments

The standard for the System in making investments is to exercise the care, skill, prudence, and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of a like character and unless under the circumstances it is clearly prudent not to do so. The System's funds are invested solely in the best interest of the members and their beneficiaries with a goal of keeping administrative expenses as low as possible. The Board has established an investment policy and guidelines that identify asset allocation as the key determinant of return and diversification, both by and within asset classes, as the primary risk control element.

The Board engages outside investment managers to manage the various asset classes where the System has exposure. At fiscal year end, the investment portfolio of the System was actively managed by eight domestic equity managers, five other equity managers, four international equity managers, two domestic fixed income managers, one global fixed income manager, three other fixed income managers, nine real estate managers, and four other asset managers. In addition, the System has one passive manager with allocations to domestic equity, international equity, and domestic fixed income.

Included in the Investment Section of this report are a summary of the Investment Portfolio by Type and Manager and a comparison of the above amounts to the target allocations, as shown in the Asset Comparison chart. For fiscal year 2024 investments provided a 10.78 percent rate of return. The annualized rate of return for the System has averaged 9.08 percent over the last five years.

#### **Funding**

A pension plan is well funded when it has enough money in reserve to meet all expected future obligations to participants. It must also have a revenue source sufficient to keep up with future obligations. The funding objective for the System is to meet long-term benefit promises through contributions that remain approximately level as a percent of member payroll. The greater the level of funding, the larger the ratio of assets accumulated to the actuarial accrued liability and the greater the level of investment potential. The advantage of a well-funded plan is that the participants can look at assets that are committed to the payment of benefits. The actuarial accrued liability and actuarial value of assets of the System as of July 1, 2024 amounted to \$4.7 billion and \$3.4 billion, respectively. The System's funded status decreased to 71.7 percent at July 1, 2024. The funded status had declined from 61.8 percent at July 1, 2008 to 53.4 percent at July 1, 2010 before increasing to 63.7 percent at July 1, 2011. Since July 1, 2011, the funded status has seen an average growth of approximately one percent per fiscal year until the decreases noted at July 1, 2024 and 2023.

#### Awards and Acknowledgements

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in the Financial Reporting to the Oklahoma Firefighters Pension and Retirement System for its annual financial report for the fiscal year ended for June 30, 2023. This is the third year OFPRS has received this prestigious award. In order to be awarded a Certificate of Achievement, a government unit must publish as easily readable and efficiently organized annual comprehensive financial report that satisfies both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe our current annual comprehensive financial report continues to conform to the Certificate of Achievement Program's requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.

### Letter of Transmittal, continued

The preparation of this report would not have been possible without the efficient and dedicated service of the entire staff of the System. We wish to express our appreciation to all staff members who assisted and contributed to the preparation of this report. Credit also must be given to the Board of Trustees for their unfailing support for maintaining the highest standards of professionalism in the financial management of the Oklahoma Firefighter's Pension & Retirement System.

Respectfully submitted,

Chase Rankin Executive Director Timothy Van Horn Chief Financial Officer

#### **Administration and Board Members**

#### Staff

Chase Rankin, Executive Director
Scott Van Horn, Chief Operating Officer/Assistant Deputy Director
Timothy Van Horn, Chief Financial Officer/Assistant Deputy Director
Thanh Dinh, Controller
Terri Williams, Executive Secretary
Keely Shaw, Assistant Controller
Martha Pierce, Member Services Coordinator
Vicki Mulbery, Accounts Payable Administration
Thelisha Clark, Records Administrator
Latoya Battle, Data Processor

#### **Board of Trustees**

Donald Bennett, President
Oklahoma State Firefighter Association

Tom Marcum, 2<sup>nd</sup> Vice President Oklahoma State Firefighter Association

Anthony Lopez, Past President Oklahoma State Firefighter Association

Brent Baggett

Designee of President of Professional FF Assoc.

Janet Kohls

Oklahoma Municipal League Appointee

Teresa Green

Designee of State Ins. Commissioner

**Brent Bryant** 

Oklahoma Municipal League Appointee

Cary Provence, Jr., 1<sup>st</sup> Vice President Oklahoma State Firefighter Association

Tom Marcum, Jr., 3<sup>rd</sup> Vice President Oklahoma State Firefighter Association

Phil Ostrander

Oklahoma Retired Firefighters Association

Dana Cramer

Senate President Pro Tempore Appointee

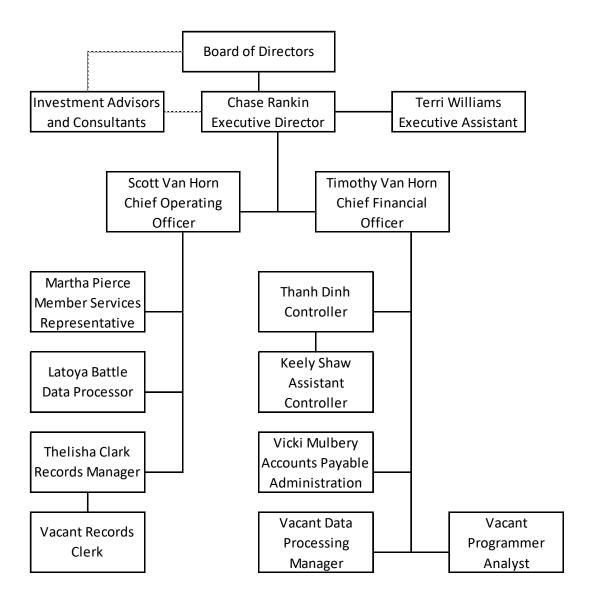
Matthew Lay

Speaker of the House of Rep. Appointee

John Laws

Designee of Director of OMES

#### Organization of the Oklahoma Firefighters Pension and Retirement System



### Professional Advisors and Consultants of the Oklahoma Firefighters Pension and Retirement System

<u>Actuary</u> <u>Internal Auditor</u> <u>Legal Services (Tax and Pensions)</u>

Definiti Crawford & Associates, PC Phillips Murrah Davis Grahm & Stubbs

Dallas, TX Oklahoma City, OK Oklahoma City, OK Denver, CO

Independent AuditorInvestment ConsultantMaster Trustee (Custodian)Finley & Cook, PLLCMarinerState Street Bank & Trust

Shawnee, OK Orlando, FL Boston, MA

<sup>\* -</sup> The schedule of Investment Expenses and Professional Consultant Fees in the Other Supplementary Information Section and the Schedule of Investment Fees (pg. 86) & Broker Commissions (pg. 87-90) in the Investment Section contain additional information regarding professional advisors and consultants



**Government Finance Officers Association** 

Certificate of Achievement for Excellence in Financial Reporting

Presented to

### **Oklahoma Firefighters Pension & Retirement System**

For its Annual Comprehensive Financial Report For the Fiscal Year Ended

June 30, 2023

Christopher P. Morrill

Executive Director/CEO

### **Financial Section**



- (13) Independent Auditors' Report
- (17) Management Discussion and Analysis
- (21) Statements of Fiduciary Net Position
- (22) Statements of Changes in Fiduciary Net Position
- (23) Notes to the Financial Statements
- (68) Schedule of Changes in Employers' Net Position Liability (Exhibit 1)
- (70) Schedule Employers' Net Pension Liability (Exhibit 2)
- (71) Schedule of Contributions from Employers and Other Contributing Entities (Exhibit 3)
- (72) Schedule of Investment Returns (Exhibit 4)
- (73) Notes to RSI (Exhibit 5)
- (75) Schedule of Investment Expenses (Schedule 1)
- (76) Schedule of Administrative Expenses (Schedule 2)
- (77) Schedule of Professional/Consultant Fees (Schedule 3)



Finley & Cook, PLLC

405-878-7300

Finley-Cook.com

1421 East 45th Street Shawnee, OK 74804

#### **INDEPENDENT AUDITORS' REPORT**

To the Board of Trustees of the Oklahoma Firefighters Pension and Retirement System

#### **Report on the Audit of the Financial Statements**

#### **Opinion**

We have audited the accompanying financial statements of the Oklahoma Firefighters Pension and Retirement Plan (the "Plan"), administered by the Oklahoma Firefighters Pension and Retirement System (the "System"), which is a part of the State of Oklahoma financial reporting entity, which comprise the statements of fiduciary net position as of June 30, 2024 and 2023, and the related statements of changes in fiduciary net position for the years then ended, and the related notes to the financial statements.

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position of the Plan as of June 30, 2024 and 2023, and the changes in fiduciary net position of the Plan for the years then ended in accordance with accounting principles generally accepted in the United States.

#### **Basis for Opinion**

We conducted our audits in accordance with auditing standards generally accepted in the United States and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### **Emphasis of Matter**

As discussed in Note 14 to the financial statements, the System is a defendant in a lawsuit surrounding an administrative order requiring participants to take (i) mandatory distribution of interest and (ii) minimum distributions based on an assumed rate of 7.5%. In connection with the litigation, the System had accrued approximately \$368,900,000 of interest that was included in accrued expenses as of June 30, 2024. Our opinion is not modified with respect to this matter.

(Continued)

#### INDEPENDENT AUDITORS' REPORT, CONTINUED

#### Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for 12 months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

#### Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud
  or error, and design and perform audit procedures responsive to those risks. Such procedures include
  examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that
  are appropriate in the circumstances, but not for the purpose of expressing an opinion on the
  effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting
  estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that
  raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of
  time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

(Continued)

#### INDEPENDENT AUDITORS' REPORT, CONTINUED

#### Required Supplementary Information

Accounting principles generally accepted in the United States require that the management's discussion and analysis on pages 17 through 20 and the schedule of changes in the employers' net pension liability, the schedule of employers' net pension liability, the schedule of contributions from employers and other contributing entities, the schedule of investment returns, and the related notes in Exhibits I, II, III, IV, and V be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Plan's basic financial statements. The supplementary information in Schedules I, II, and III is presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audits of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States. In our opinion, the supplementary information in Schedules I, II, and III is fairly stated in all material respects in relation to the financial statements as a whole.

#### Other Information

Management is responsible for the other information included in the annual report. The other information comprises the introductory section, the investment section, the actuarial section, and the statistical section, but does not include the basic financial statements and our auditors' report thereon. Our opinion on the basic financial statements does not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

(Continued)

Finley + Cook, Puc

#### **INDEPENDENT AUDITORS' REPORT, CONTINUED**

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 17, 2024, on our consideration of the Plan's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Plan's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Plan's internal control over financial reporting and compliance.

Shawnee, Oklahoma October 17, 2024

#### MANAGEMENT'S DISCUSSION AND ANALYSIS

The discussion and analysis of the financial performance of the Oklahoma Firefighters Pension and Retirement Plan, administered by the Oklahoma Firefighters Pension and Retirement System (collectively referred to as the "System") provides an overview of the System's activities for the fiscal years ended June 30, 2024, 2023, and 2022. Please read it in conjunction with the System's financial statements, which begin on page 21.

	2024	2023	2022	% Change 2024 from 2023	% Change 2023 from 2022	% Change 2022 from 2021
<ul> <li>Fiduciary net position</li> <li>Contributions:</li> <li>Insurance premium</li> </ul>	\$3,377,216,557	3,136,681,733	2,977,845,962	7.67%	5.33%	-15.42%
taxes	140,575,152	114,291,486	102,442,025	23.00%	11.57%	40.48%
Participating municipalities	54,480,094	53,366,157	45,932,405	2.09%	16.18%	1.39%
Plan members/ employees • Net investment	34,768,864	33,965,756	29,183,440	2.36%	16.39%	1.92%
income	351,612,532	284,304,430	-409,769,260	23.67%	-169.38%	-144.81%
<ul><li>Benefits paid, including refunds</li><li>Change in fiduciary</li></ul>	338,224,993	324,711,071	308,495,060	4.16%	5.26%	-24.67%
net position	240,534,824	158,835,771	-542,964,344	51.44%	-129.25%	-183.58%
<ul><li>Funded ratio of the Plan</li><li>Total Plan</li></ul>	71.70%	72.80%	73.00%	-1.51%	-0.27%	1.81%
membership	26,386	26,690	26,257	-1.14%	1.65%	0.08%

#### **OVERVIEW OF THE FINANCIAL STATEMENTS**

This following discussion and analysis is intended to serve as an introduction to the System's basic financial statements. The System's basic financial statements are comprised of 1) the statements of fiduciary net position, 2) the statements of changes in fiduciary net position, and 3) notes to the financial statements. This report also contains required supplementary information. The System is a component unit of the State of Oklahoma and together with other similar funds comprise the fiduciary pension trust funds of the State of Oklahoma. The financial statements are presented using the economic resources measurement focus and the accrual basis of accounting. The System's statements offer short-term and long-term financial information about the activities and operations of the System. These statements are presented in a manner similar to those of a private business.

The statements of fiduciary net position represent the fair value of the System's assets as of the end of the fiscal year. The difference between assets and liabilities, called "fiduciary net position," represents the value of assets held in trust for future benefit payments. Over time, increases and decreases in the System's fiduciary net position can serve as an indicator of whether the financial position of the System is improving or declining.

The statements of changes in fiduciary net position present financial activities that caused a change in fiduciary net position during the year. These activities primarily consist of contributions to the System, unrealized and realized gains and losses on investments, other investment income, benefits paid, and investment and administrative expenses.

#### **CONDENSED FINANCIAL ANALYSIS**

condensed financial information for the System is presented in the following tables. This information provides a summary of the System's financial activity for the years ended June 30, 2024, 2023 and 2022.

#### **Condensed Summary of Fiduciary Net Position**

	For the Fiscal Year Ended June 30,					
	2024	2023	2022	% Changes 2024 from 2023	% Changes 2023 from 2022	% Changes 2022 from 2021
Cash and cash equivalents	\$ 43,675,575	43,955,792	54,898,218	-0.6%	-19.9%	6.3%
Receivables	37,912,093	30,312,817	22,913,027	25.1%	32.3%	10.7%
Investments, at fair value	3,668,053,814	3,382,776,337	3,180,167,283	8.4%	6.4%	-13.8%
Securities lending short-term collateral	-	89,929,460	97,513,997	-100.0%	-7.8%	4.6%
Capital assets, net	660,790	717,266	773,765	-7.9%	-7.3%	-6.9%
Total assets	3,750,302,272	3,547,691,672	3,356,266,290	5.7%	5.7%	10.7%
Liabilities	373,085,715	411,009,939	378,420,328	-9.2%	8.6%	12.9%
Fiduciary net position	\$3,377,216,557	3,136,681,733	2,977,845,962	7.7%	5.3%	-15.4%

#### **Condensed Summary of Changes in Fiduciary Net Position**

	For the Fisc	al Year Ended	June 30,	_		
	•			% Changes	% Changes	% Changes
				2024 from	2023 from	2022 from
	2024	2023	2022	2023	2022	2021
Contributions	\$ 229,824	201,623	177,558	14.0%	13.6%	20.9%
Net investment income	351,613	284,304	(409,769)	23.7%	-169.4%	-144.8%
Total additions	581,437	485,927	(232,211)	19.7%	-309.3%	-180.9%
Benefits and refunds	338,225	324,711	308,495	4.2%	5.3%	-24.7%
Administrative expenses	2,677	2,381	2,258	12.4%	5.4%	2.9%
Total deductions	340,902	327,092	310,753	4.2%	5.3%	-24.5%
Total Changes in						
fiduciary net position	240,535	158,836	(542,964)	51.4%	-129.3%	-183.6%
Fiduciary net position,						
beginning of year	3,136,682	2,977,846	3,520,810	5.3%	-15.4%	22.6%
Fiduciary net position,						
end of year	\$ 3,377,217	3,136,682	2,977,846	7.7%	5.3%	-15.4%

<sup>\*</sup>Amounts in thousands

#### ANALYSIS OF THE OVERALL FIDUCIARY NET POSITION AND THE RESULTS OF OPERATIONS

Funding for the System is derived primarily from contributions to the System from the participating municipalities and the System's members, as well as funds received from the State of Oklahoma Insurance Department for the System's share of insurance premium taxes.

The System had net investment income of approximately \$352 million for 2024 compared to an investment gain of approximately \$284 million for 2023.

The investment income of the System increased approximately \$68 million during the year ended June 30, 2024, compared to the year ended June 30, 2023, as a result of an increase in the overall performance of the market during the fiscal year. The investment income of the System increased approximately \$694 million during the year ended June 30, 2023, compared to the year ended June 30, 2022, as a result of an increase in the overall performance of the market during the fiscal year; and decreased approximately \$(1,325) million during the year ended June 30, 2022, compared to the year ended June 30, 2021, as a result of a decrease in the overall performance of the market during the fiscal year.

As the System accounts for its investments at current fair value, increases and decreases in the fair value of stocks, bonds, and other assets have a direct effect and impact on the fiduciary net position and operating results of the System. The System's net return on its average assets for the years ended June 30 was as follows:

	•	<u>2024</u>	•	<u>2023</u>	•	<u>2022</u>
System		10%	•	9%	•	(10)%

During the years ended June 30, 2024, 2023, and 2022, benefit payments, including refunds, increased (decreased) by approximately 4%, 5%, and (25)%, respectively, due to changes in the number of retirees, statutory benefit increases, and the mandatory disbursement of interest.

Administrative expenses increased approximately 12.43% from fiscal year 2023 to 2024. Administrative expenses increased approximately 5.45% from fiscal year 2022 to 2023; and increased approximately 2.89% from fiscal year 2021 to 2022. The major components of administrative expenses are professional fees, payroll and related expenses for the employees of the System, and miscellaneous office expenses.

The System has no debt or infrastructure assets.

During the years ended June 30, 2024, 2023, and 2022, benefit payments, including refunds, increased (decreased) by approximately 4%, 5%, and (25)%, respectively, due to changes in the number of retirees, statutory benefit increases, and the mandatory disbursement of interest.

Administrative expenses increased approximately 12.43% from fiscal year 2023 to 2024. Administrative expenses increased approximately 5.45% from fiscal year 2022 to 2023; and increased approximately 2.89% from fiscal year 2021 to 2022. The major components of administrative expenses are professional fees, payroll and related expenses for the employees of the System, and miscellaneous office expenses.

#### **Other Matters**

As a matter of policy, the System attempts to stay fully invested at all times. Consequently, the System's Fiduciary Net Position could be negatively affected should global stock and bond market volatility decrease, or should such markets encounter an extended period of decline.

#### **REQUESTS FOR INFORMATION**

This financial report is designed to provide a general overview of the System's finances for all those with an interest. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Executive Director or Controller of the System, c/o Oklahoma Firefighters Pension and Retirement System, 6601 Broadway Extension, Suite 100, Oklahoma City, Oklahoma 73116.

#### STATEMENTS OF FIDUCIARY NET POSITION

June 30,	2024	2023
Assets		
Cash and cash equivalents	\$ 43,675,575	43,955,792
Receivables:		
Employees' contributions	1,495,709	1,272,734
Employer's contributions	2,326,559	1,981,594
Due from the State of Oklahoma Insurance Department	29,125,292	22,087,969
Accrued interest and dividends	1,852,114	2,322,690
Net receivable from brokers for security transactions	3,112,419	2,647,830
Other receivable	<u> </u>	
Total receivables	37,912,093	30,312,817
Investments, at fair value:		
U.S. government securities	23,679,454	27,541,348
Domestic corporate bonds and bond funds	57,601,893	120,249,529
International corporate and government bonds	203,755,343	203,114,588
Domestic equities	1,933,791,071	1,627,647,405
International equities	379,895,817	366,875,986
Private equity—non-real estate	587,725,645	524,534,338
Real estate—core and private equity	481,604,591	512,813,143
Total investments, at fair value	3,668,053,814	3,382,776,337
Securities lending short-term collateral	<u>-</u>	89,929,460
Capital assets, net of accumulated depreciation	660,790	717,266
Total assets	3,750,302,272	3,547,691,672
Liabilities		
Accounts payable and accrued expenses	373,085,715	321,080,479
Securities lending collateral		89,929,460
Total liabilities	373,085,715	411,009,939
Fiduciary net position restricted for pensions	\$ 3,377,216,557	3,136,681,733

See Independent Auditors' Report.

See accompanying notes to financial statements.

#### STATEMENTS OF CHANGES IN FIDUCIARY NET POSITION

Years Ended June 30,		2024	2023
A deliki on a			
Additions: Contributions:			
Insurance premium taxes	\$	140 575 152	114,291,486
Participating municipalities	Ş	140,575,152 54,480,094	53,366,157
Plan members/employees		34,768,864	33,965,756
Total contributions		229,824,110	201,623,399
Investment income:			
From investment activities:		247 740 820	270 242 062
Net appreciation in fair value of investments		347,749,820	279,213,863
Interest		8,328,310	8,552,081
Dividends		16,946,280	17,970,816
Total investment income		373,024,410	305,736,760
Less investment expense		(21,422,445)	(21,583,426)
Income from investment activities		351,601,965	284,153,334
From securities lending activities:			
Securities lending income		28,290	474,601
Securities lending expenses:			
Borrower rebates		(14,213)	(273,291)
Management fees		(3,510)	(50,214)
Income from securities lending activities		10,567	151,096
Net investment income		351,612,532	284,304,430
Total additions		581,436,642	485,927,829
Deductions:			
Pension benefit payments		336,462,762	322,855,884
Death benefit payments		1,130,000	1,125,000
Refunds to terminated participants		632,231	730,187
Total benefits and refunds		338,224,993	324,711,071
Administrative expenses		2,676,825	2,380,987
Total deductions		340,901,818	327,092,058
Changes in fiduciary net position		240,534,824	158,835,771
Fiduciary net position restricted for pensions:			
Beginning of year		3,136,681,733	2,977,845,962
End of year	\$	3,377,216,557	3,136,681,733

See Independent Auditors' Report.

See accompanying notes to financial statements.

#### **NOTES TO FINANCIAL STATEMENTS**

June 30, 2024 and 2023

#### (1) NATURE OF OPERATIONS AND DESCRIPTION OF THE SYSTEM

The Oklahoma Firefighters Pension and Retirement System (the "System") was established by legislative act and became effective on January 1, 1981. The System assumed responsibility for all previous existing municipal firefighters' pension plans in the state of Oklahoma. These municipalities transferred all existing pension assets and pension payment obligations to the System. The System recorded the investments at fair value as of the date of transfer. The System is administered by a 13-member board which acts as a fiduciary for investment of funds and the application of plan interpretations. At June 30, 2024, there were 473 cities, 28 fire protection districts, and 135 county fire departments participating in the System. For report purposes, the System is deemed to be the administrator of the Oklahoma Firefighters Pension and Retirement Plan (the "Plan"). The State of Oklahoma remits, through the Oklahoma Insurance Department, a portion of the insurance premium taxes collected by authority of the State of Oklahoma. As a result of these contributions, the State of Oklahoma is considered a non-employer contributing entity to the Plan.

The System is a part of the State of Oklahoma financial reporting entity, which is combined with other similar funds (multiple-employer, cost-sharing) to comprise the fiduciary pension trust funds of the State of Oklahoma.

The Oklahoma Firefighters Pension and Retirement System Board of Trustees (the "Board") is responsible for the operation, administration, and management of the System. The Board also determines the general investment policy of the System's assets. The Board is comprised of 13 members. Five members shall be the Board of Trustees of the Oklahoma State Firefighters Association, a 5-year term. One member shall be the President of the Professional Firefighters of Oklahoma or his designee. One member shall be appointed by the Speaker of the House of Representatives, a 4-year term. One member shall be appointed by the President Pro Tempore of the Senate, a 4-year term. Two members shall be appointed by the President of the Oklahoma Municipal League, a 4-year term. One member shall be the State Insurance Commissioner or his designee. One member shall be the Director of the Office of Management and Enterprise Services or his designee.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (1) NATURE OF OPERATIONS AND DESCRIPTION OF THE SYSTEM, CONTINUED

The Plan's participants at June 30 consisted of:

	•	<u>2024</u>	•	<u>2023</u>
Active plan members		12,1	75	12,090
Retirees and beneficiaries currently receiving benefits		12,0	32	11,895
Vested members with deferred benefits		2,1	77	2,702
Deferred Option Plan members				3
		26,3	<u>86</u>	26,690

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The following are the significant accounting policies followed by the Plan.

#### **Basis of Accounting**

The financial statements are prepared using the accrual basis of accounting, under which expenses are recorded when the liability is incurred, revenues are recorded in the accounting period in which they are earned and become measurable, and investment purchases and sales are recorded as of their trade date. The financial statements are in conformity with provisions of Governmental Accounting Standards Board Statement No. 67, Financial Reporting for Pension Plans—an Amendment of GASB Statement No. 25 (GASB 67).

The Plan is administered by the System, a part of the State of Oklahoma financial reporting entity, which together with other similar pension and retirement funds comprise the fiduciary pension trust funds of the State of Oklahoma. Administrative expenses are paid with funds provided by operations of the Plan.

#### **Recent Accounting Pronouncements**

In April 2022, the Governmental Accounting Standards Board issued Statement No. 99, *Omnibus 2022* (GASB 99). GASB 99 is a technical omnibus statement that addresses issues or concerns from previous statements that were discovered during implementation and application of those statements. GASB 99 covers several topics, including but not limited to, financial guarantees, derivatives, leases, non-monetary transactions, future revenue pledges, and terminology updates. The Plan adopted the sections that were effective for the June 30, 2022, and June 30, 2023, reporting years. The remaining sections were adopted by

#### OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT PLAN

### Administered by OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Recent Accounting Pronouncements, Continued**

the Plan for the June 30, 2024, reporting year, as required by GASB 99. GASB 99 did not have a significant impact on the Plan's financial statements.

In June 2022, GASB issued Statement No. 100, Accounting Changes and Error Corrections (GASB 100). GASB 100 prescribes accounting and financial reporting for accounting changes and error corrections to the financial statements. GASB 100 defines what constitutes an accounting change versus a change in accounting principle or error correction and outlines the appropriate note disclosures in each circumstance. The Plan adopted GASB 100 on July 1, 2023, for the June 30, 2024, reporting year. GASB 100 did not significantly impact the Plan's financial statements.

In June 2022, GASB issued Statement No. 101, Compensated Absences (GASB 101). GASB 101 outlines the definition of compensated absences and sets forth the accounting and financial reporting for compensated absence liabilities. GASB 101 outlines that leave accrued should be measured using the employee's pay rate at the financial statement date and that certain salary related payments, such as Social Security and Medicare, should be included in such measurement. The Plan adopted GASB 101 on July 1, 2024, for the June 30, 2025, reporting year. The Plan does not expect GASB 101 to significantly impact the financial statements.

In December 2023, GASB issued Statement No. 102, *Certain Risk Disclosures* (GASB 102). GASB 102 defines circumstances where a government might have a concentration, or lack of diversity related to significant inflows or outflows of resources, or a constraint, where a limitation is imposed on a government by an external party or the highest level of decision-making authority. GASB 102 provides for how to determine if such conditions exist and if so, the appropriate disclosures required. The Plan adopted GASB 102 on July 1, 2024, for the June 30, 2025, reporting year. The Plan does not expect GASB 102 to have a significant impact on the financial statements.

NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Recent Accounting Pronouncements, Continued**

In April, 2024, GASB issued Statement No. 103, *Financial Reporting Model Improvements* (GASB 103). This statement improves key components of the governmental financial reporting model to enhance effectiveness and to address certain application issues. GASB 103 prescribes changes to the MD&A, describes unusual or infrequent items, and addresses presentation issues for proprietary funds, major component units, and budgetary comparison presentations. The Plan will adopt GASB 103 on July 1, 2025, for the June 30, 2026, reporting year. The Plan does not expect GASB 103 to significantly impact the financial statements.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Use of Estimates**

The preparation of the Plan's financial statements in conformity with accounting principles generally accepted in the United States requires the management of the Plan to make significant estimates and assumptions that affect the reported amounts of fiduciary net position restricted for pensions at the date of the financial statements and the actuarial information included in Exhibits I, II, III, IV, and V, included in the required supplementary information as of the benefit information date, the changes in fiduciary net position during the reporting period, and when applicable, the disclosures of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

#### **Risks and Uncertainties**

Contributions to the Plan and the actuarial information in Exhibits I, II, III, IV, and V, included in the required supplementary information are reported based on certain assumptions pertaining to interest rates, inflation rates, and employee compensation and demographics. Due to the changing nature of these assumptions, it is at least reasonably possible that changes in these assumptions may occur in the near term and, due to uncertainties inherent in setting assumptions, that the effect of such changes could be material to the financial statements.

#### **Plan Contributions**

Contributions to the Plan are recognized when due pursuant to formal commitments, as well as statutory or contractual requirements.

#### **Plan Benefit Payments and Refunds**

Benefit payments and refunds of the Plan are recognized when due and payable in accordance with the terms of the Plan.

#### **Receivables**

At June 30, 2024 and 2023, the Plan had no long-term receivables. All the receivables reflected in the statements of fiduciary net position are expected to be received and available for use by the Plan in its operations. Also, no allowance for any uncollectible portions is considered necessary.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Investments**

Management of the Plan is authorized to invest in eligible investments as approved by the Board as set forth in the investment policy. The Board reviews and updates the plan investment policy at least annually, making changes as deemed necessary to achieve policy goals. An investment policy change can be made anytime the need should arise at the discretion of the Board.

<u>Investment Allocation Policy</u>—The Board's asset allocation policy will currently maintain approximately 62% of assets in equity instruments, both domestic and international; approximately 20% of assets in fixed income to include investment grade bonds, high yield and non-dollar denominated bonds, convertible bonds, and low volatility hedge fund strategies; and 18% of assets in real assets and other assets to include real estate, commodities, private equities, and other strategies.

<u>Significant Investment Policy Changes Made During the Year</u>—During the years ended June 30, 2024 and 2023, the Board made no significant investment policy changes.

#### Rates of Return

Money-Weighted Rate of Return—For the years ended June 30, 2024 and 2023, the annual money-weighted rate of return on the Plan's investments as defined by GASB 67, net of pension plan investment expense, was 10.73% and 9.01%, respectively. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested, and is a computation required by GASB 67.

Net Return on Average Assets—For the years ended June 30, 2024 and 2023, the net return on average assets approximated 9.64% and 9.05%, respectively. The net return on average assets represents actual returns utilized by the System.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Investments, Continued**

<u>Method Used to Value Investments</u>—As a key part of the Plan's activities, it holds investments that are measured and reported at fair value on a recurring basis. Accounting principles generally accepted in the United States establish a fair value hierarchy for the determination and measurement of fair value. This hierarchy is based on the type of valuation inputs needed to measure the fair value of an asset. The hierarchy generally is as follows:

Level 1—Unadjusted quoted prices in active markets for identical assets.

Level 2—Quoted prices for similar assets, or inputs that are observable or other forms of market corroborated inputs.

Level 3—Pricing based on best available information, including primarily unobservable inputs and assumptions market participants would use in pricing the asset.

In addition to the above three levels, if an investment does not have a readily determined fair value, the investment can be measured using net asset value (NAV) per share (or its equivalent). Investments valued at NAV are categorized as NAV and not listed as Level 1, 2, or 3.

Short-term investments include an investment fund composed of an investment in units of a commingled trust fund of the Plan's custodial agent (which is valued at amortized cost, which approximates fair value), commercial paper, treasury bills, and U.S. government agency securities. Active manager accounts holding debt and equity securities are reported at fair value, as determined by the Plan's custodial agent, using pricing services or prices quoted by independent brokers based on the latest reported sales prices in active markets, and at current exchange rates for securities traded on national or international exchanges. The fair value of the pro rata share of units owned by the Plan in equity index and commingled trust funds is determined by the respective fund trustee or manager based on quoted sales prices of the underlying securities. The fair value of hedge fund and private equity investments is priced by each respective manager using a combination of observable and unobservable inputs. Investments which do not have an established market are reported at estimated fair value based on primarily unobservable inputs

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Investments, Continued**

#### Method Used to Value Investments, Continued

Net investment income includes net appreciation in the fair value of investments, interest income, dividend income, foreign currency translation gains and losses, securities lending income and expenses, and investment expenses, which include investment management and custodial fees and all other significant investment related costs. Foreign currency translation gains and losses are reflected in the net appreciation in the fair value of investments. Interest and dividends earned in commingled funds are reflected as a component of net appreciation in the fair values of assets. The fair value of the limited partnerships is determined by managers of the partnerships based on the values of the underlying assets.

The Plan authorizes its international investment managers to enter into forward foreign exchange contracts to minimize the short-term impact of foreign currency fluctuations on the asset and liability positions of foreign investments. The gains and losses on these contracts are included in income in the period in which the exchange rates change.

The Plan may invest in various traditional financial instruments that fall under the broad definition of derivatives. The Plan's derivatives may include U.S. Treasury STRIPS, collateralized mortgage obligations, convertible stocks and bonds, and variable rate instruments. These investments are not speculative in nature and do not increase investment risk beyond allowable limits specified in the Plan's investment policy.

The Plan's investment policy provides for investments in any combination of stocks, bonds, fixed-income securities, and other investment securities, along with investments in commingled, mutual, and index funds. Investment securities and investment securities underlying commingled or mutual fund investments are exposed to various risks, such as interest rate, market, and credit risks. Due to the risks associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities may occur in the near term, and such change could materially affect the amounts reported in the statements of fiduciary net position.

The investment policy limits the concentration of each portfolio manager. Except as noted below, no single investment exceeds 5% or more of the Plan's fiduciary net position. In addition, the Plan has no investments in loans, real estate, or leases, except through the Plan's investment in certain alternative investments as described in Note 4.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Investments, Continued**

#### Method Used to Value Investments, Continued

The following table presents the securities exceeding the 5%\* threshold at June 30:

Type of Security	Name of Security	Shares Held	<u>Cost</u>	<u>Fair Value</u>
<u>2024</u>				
Domestic equity	S&P 500 Flagship Index Fund	3,426,495	\$ 163,951,311	197,311,215
Domestic bond	Brandywine Global Opportunistic			
	Fixed Income	4,655,445	222,259,878	203,755,343
Domestic bond	U.S. Aggregate Bond Index Fund	3,243,335	155,187,566	186,735,148
International equity	Chautauqua International Growth			
	Equity LP	95,127,654	95,127,654	170,451,537
<u>2023</u>				
Domestic equity	S&P 500 Flagship Index Fund	238,500	\$ 191,006,500	281,673,534
Domestic bond	Brandywine Global Opportunistic			
	Fixed Income	4,503,050	216,179,562	203,114,588
International equity	Chautauqua International Growth			
	Equity LP	95,127,654	95,127,654	158,049,935

<sup>\*</sup>While the individual investment may exceed 5% of the Plan's fiduciary net position, each investment is comprised of numerous individual securities. As such, no individual security exceeds the 5% threshold.

#### **Capital Assets**

Capital assets, which consist of purchased software costs, furniture, fixtures, and equipment, are stated at cost less accumulated depreciation. Amortization and depreciation are calculated using the straight-line method over the estimated useful lives of the related assets (primarily 10 years).

#### **Income Taxes**

The Plan is exempt from federal and state income taxes.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Plan Termination**

In the event the Plan terminates, the Oklahoma Statutes contain no provision for the order of distribution of the fiduciary net position of the Plan. Plan termination would take an act of the Oklahoma Legislature, at which time the order of distribution of the Plan's fiduciary net position would be addressed.

#### **Administrative Items**

<u>Short-Term Lease</u>—At June 30, 2023, the Plan had an operating lease expiring on October 31, 2024. The lease has been renewed for a 1-year term expiring on October 31, 2025. The present lease requires monthly payments of approximately \$3,700. Total lease expense for both years ended 2024 and 2023 was approximately \$44,000.

<u>Compensated Absences</u>—Employees of the System earn annual vacation leave at the rate of 10 hours per month for up to 5 years of service, 12 hours per month for service of over 5 to 10 years, 13.3 hours per month for service of over 10 to 20 years, and 16.7 hours per month for over 20 years of service. Unused annual leave may be accumulated to a maximum of 480 hours. All accrued annual leave is payable upon termination, resignation, retirement, or death. As of June 30, 2024 and 2023, approximately \$225,000 and \$185,000, respectively, was included in accrued expenses as the accruals for compensated absences. A summary of changes in compensated absences as of June 30 is as follows:

	<u>2024</u>	<u>2023</u>
Balance at beginning of year Additions Deductions	\$ 185,000 96,000 (56,000)	183,000 75,000 (73,000)
Balance at end of year	\$ 225,000	185,000

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Administrative Items, Continued**

<u>Retirement Expense</u>—The employees of the System are eligible to participate in the Oklahoma Public Employees Retirement Plan, which is administered by the Oklahoma Public Employees Retirement System (collectively referred to as OPERS). OPERS is a multiple-employer, cost-sharing public retirement defined benefit pension plan and a defined contribution plan. OPERS provides retirement, disability, and death benefits to its plan members and beneficiaries. OPERS issues a publicly available financial report which includes financial statements and required supplementary information for OPERS. That report may be obtained by writing to the Oklahoma Public Employees Retirement System, 5400 N. Grand Boulevard, Suite 400, Oklahoma City, OK 73112.

<u>Defined Benefit Plan</u>—Employees of the System are required to contribute 3.5% of their annual covered salary. The System is required to contribute at an actuarially determined rate, which was 16.5% of annual covered payroll as of June 30, 2024, 2023, and 2022. During 2024, 2023, and 2022, totals of \$155,559, \$135,997, and \$128,894, respectively, were paid to OPERS. The System has contributed 100% of required contributions to OPERS for 2024, 2023, and 2022. The System's and the employees' portions of those amounts were as follows:

	•	2024	2023	<u>2022</u>
System portion Employee portion	\$	120,379 35,180	105,108 30,889	99,485 29,409
	<u>\$</u>	155,559	135,997	128,894

The Plan adopted GASB Statement No. 68, Accounting and Financial Reporting for Pensions (GASB 68) as of July 1, 2014, as it applies to its participation in OPERS. The effects upon the financial statements of the Plan as a result of the adoption of GASB 68 are considered immaterial.

The Plan adopted GASB 75 as of July 1, 2017, as it applies to its participation in various other postemployment benefits (OPEB). The effects on the financial statements of the Plan as a result of the adoption of GASB 75 are considered immaterial.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Administrative Items, Continued**

<u>Defined Contribution Plan</u>—Effective November 1, 2015, OPERS established the Pathfinder Defined Contribution Plan ("Pathfinder"), a mandatory defined contribution plan for eligible state employees who first become employed by a participating employer on or after November 1, 2015, and have no prior participation in OPERS. Under Pathfinder, members will choose a contribution rate which will be matched by their employer up to 7%. All state employers with Pathfinder participants contribute 16.5% of salary, with contributions in excess of the matched amount going into the Defined Benefit Plan, as required by statute. During the years ended June 30, 2024, 2023, and 2022, totals of \$108,204, \$87,912, and \$82,142, respectively, were paid to OPERS, representing 100% of the required contributions. The System's and the employees' contributions to Pathfinder for 2024, 2023, and 2022, were as follows:

	•	2024	2023	2022
System portion Employee portion	\$	63,632 44,572	53,850 34,062	49,161 32,981
	\$	108,204	87,912	82,142

<u>Risk Management</u>—The Risk Management Division of the Department of Central Services (the "Division") is empowered by the authority of Title 74 O.S. Supp. 1993, Section 85.34 et seq. The Division is responsible for the acquisition and administration of all insurance purchased by the State of Oklahoma or administration of any self-insurance plans and programs adopted for use by the State of Oklahoma for certain organizations and bodies outside of state government, at the sole expense of such organizations and bodies.

The Division is authorized to settle claims of the State of Oklahoma and shall govern the dispensation and/or settlement of claims against a political subdivision. In no event shall self-insurance coverage provided by the State of Oklahoma, an agency, or other covered entity exceed the limitations on the maximum dollar amount of liability specified by the Oklahoma Government Tort Claims Act, as provided by Title 51 O.S. Supp. 1988, Section 154. The Division oversees the collection of liability claims owed to the State of Oklahoma incurred as the result of a loss through the wrongful or negligent act of a private person or other entity.

The Division is also charged with the responsibility to immediately notify the attorney general of any claims against the State of Oklahoma presented to the Division. The Division purchases insurance policies through third-party insurance carriers that ultimately inherit the risk of loss. The Division annually assesses each state agency, including the Plan, their pro rata share of the premiums purchased. The Plan has no obligations for any claims submitted to the Division against the Plan.

NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED

#### **Date of Management's Review of Subsequent Events**

Management has evaluated subsequent events through October 17, 2024, the date which the financial statements were available to be issued, and determined that no subsequent events have occurred that require adjustment to or disclosure in the financial statements.

#### (3) DESCRIPTION OF THE PLAN

The following brief description of the Plan is provided for general information purposes only. Participants should refer to Title 11 of the Oklahoma Statutes, Section 49–100.1 through 49–143.7, as amended, for more complete information.

#### **General**

The Plan is a multiple-employer, cost-sharing public employee retirement plan covering members who have actively participated in firefighting activities.

#### **Contributions**

<u>Funding Policy</u>—The contribution requirements of the Plan are at an established rate determined by Oklahoma statute and are not based on actuarial calculations.

Prior to November 1, 2013, participating paid firefighters contributed 8% of applicable earnings, while member cities contributed 13% of the members' applicable earnings. For the period beginning November 1, 2013, participating paid firefighters contributed 9% of applicable earnings, while member cities contributed 14% of the members' applicable earnings. In addition, the member cities contribute \$60 for each volunteer firefighter unless their annual income in the general fund is less than \$25,000, in which case they are exempt. Prior to November 1, 2013, the State of Oklahoma, a non-employer contributing entity, allocated 34% of insurance premium tax collected from various types of insurance policies to the Plan. For the period beginning November 1, 2013, through June 30, 2020, the State of Oklahoma, a non-employer contributing entity, allocated 36% of insurance premium tax collected from various types of insurance policies to the Plan. Effective September 1, 2020, July 1, 2021, July 1, 2022 and July 1, 2023 the State of Oklahoma, a non-employer contributing entity, allocated 25.2%, 36.0%, 37.8% and 37.8%, respectively, of insurance premium tax collected from various types of insurance policies to the Plan. The State of Oklahoma may also appropriate additional funds annually as needed to pay current costs and to amortize the unfunded actuarial present value of accumulated plan benefits. No such appropriations were received during the year ended June 30, 2024 or 2023.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (3) DESCRIPTION OF THE PLAN, CONTINUED

#### **Benefits**

The Plan provides defined retirement benefits based on members' final average compensation, age, and term of service. In addition, the retirement program provides for benefits upon disability and to survivors upon death of eligible members. The Plan's benefits are established and amended by Oklahoma statute. Retirement provisions are as follows:

- Normal retirement is attained upon completing 20 years of service. The normal retirement benefit is equal to 50% of the member's final average compensation. Final average compensation is defined as the monthly average of the highest 30 consecutive months of the last 60 months of participating service. For volunteer firefighters, the monthly pension benefit for normal retirement is \$150.60 per month.
- All firefighters are eligible for immediate disability benefits. For paid firefighters, the disability in-the-line-of-duty benefit for firefighters with less than 20 years of service is equal to 50% of final average monthly compensation, based on the most recent 30 months of service. For firefighters with over 20 years of service, a disability in the line of duty is calculated based on 2.5% of final average monthly compensation, based on the most recent 30 months, per year of service, with a maximum of 30 years of service. For disabilities not in the line of duty, the benefit is limited to only those with less than 20 years of service and is 50% of final average monthly compensation, based on the most recent 60-month salary as opposed to 30 months. For volunteer firefighters, the not-in-the-line-of-duty disability is also limited to only those with less than 20 years of service and is \$7.53 per year of service. For volunteer firefighters, the in-the-line-of-duty pension is \$150.60 with less than 20 years of service or \$7.53 per year of service, with a maximum of 30 years.
- A \$5,000 lump-sum death benefit is payable to the qualified spouse or designated recipient upon the
  participant's death. The \$5,000 death benefit does not apply to members electing the vested benefit.
  For the years ended June 30, 2024 and 2023, total death benefits of \$1,130,000 and \$1,125,000,
  respectively, were paid from the Plan.
- A member who terminates after 10 years of credited service is eligible for a vested severance benefit determined by the normal retirement formula, based on service and salary history to date of termination. The benefit is payable at age 50 or when the member would have completed 20 years of service, whichever is later, provided the member's contribution accumulation is not withdrawn. Members terminating with less than 10 years of credited service may elect to receive a refund of their contribution accumulation without interest.

NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (3) DESCRIPTION OF THE PLAN, CONTINUED

#### **Benefits, Continued**

Firefighters with 20 or more years of service may elect to participate in the Oklahoma Firefighters Deferred Retirement Option Plan (the "Deferred Option Plan"). Active participation (having benefit payments credited to the account) in the Deferred Option Plan shall not exceed 5 years. Under the Deferred Option Plan, retirement benefits are calculated based on compensation and service at the time of election. The retirement benefits plus half of the municipal contributions on behalf of the participant are deposited into a deferred retirement account. The Deferred Option Plan accounts are credited with interest at a rate of 2% below the rate of return on the investment portfolio of the Plan, with a guaranteed minimum interest rate equal to the assumed actuarial interest rate (currently 7.5%), as approved by the Board. The participant is no longer required to make contributions. Upon retirement, the firefighter receives his/her monthly retirement benefit as calculated at the time of election. A member shall receive, at the option of the member, a lump-sum payment from the account equal to the payments to the account or an annuity based upon the account of the member or may elect any other method of payment if approved by the Board. Any remaining account balance in the Deferred Option Plan account will continue to earn interest on the balance at the rate described above; however, no more benefit payments will be credited to the account. Any remaining account balance when the member reaches 73 years of age must either be distributed in regular monthly payments, based on the annuity method, or a lump-sum distribution. As of June 30, 2024 and 2023, there were 1,084 and 1,103 members, respectively, actively participating in the Deferred Option Plan.

The Deferred Option Plan was modified effective November 1, 2013, to limit post-retirement interest for new members to a rate of return on the portfolio, less a 1% administrative fee. In addition, the members participating must withdraw all money by the age of 73.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (3) <u>DESCRIPTION OF THE PLAN, CONTINUED</u>

#### **Benefits, Continued**

- In the 2003 Legislative Session, Senate Bill 286 and House Bill 1464 created a "Back" DROP for members of the System effective July 1, 2003. The "Back" DROP is a modified deferred retirement option plan. The "Back" DROP allows the member flexibility by not having to commit to terminate employment within 5 years. Once a member has met their normal retirement period of 20 years, the member can choose, upon retirement, to be treated as if the member had entered into the Deferred Option Plan. A member, however, cannot receive credit to the Deferred Option Plan account based upon any years prior to when the member reached their normal retirement date. Once a member is ready to retire, the member can make the election to participate in the "Back" DROP and can receive a Deferred Option Plan benefit based upon up to 5 years of participation. The member's regular retirement benefit will not take into account any years of service credited to the "Back" DROP. As of June 30, 2024 and 2023, there were 2,372 and 2,244 members, respectively, participating in the "Back" DROP.
- Firefighters with 20 years of service or who were receiving pension benefits as of May 26, 1983, are entitled to post-retirement adjustments equal to one-half the increase or decrease for top-step firefighters. Pensions will not be adjusted below the level at which the firefighter retired.

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS

At June 30, cash and cash equivalents were composed of the following:

	•	<u>2024</u>	<u>2023</u>
Cash on deposit with the State of Oklahoma	\$	1,735,758	1,166,623
Cash on deposit with custodial agents:			
U.S. currency deposits		41,827,493	42,675,800
Foreign currency deposits		112,324	113,369
		41,939,817	42,789,169
Total cash and cash equivalents	\$	43,675,575	43,955,792

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

Historically, the Plan's short-term investments were considered cash equivalents and consisted primarily of temporary investments in U.S. Treasury bills and a commingled trust fund of the Plan's custodial agent. The trust fund was composed of high-grade money market instruments with short maturities. Each participant in the trust fund shared the risk of loss in proportion to their respective investment in the fund. As of June 30, 2020, the Plan no longer has short-term investments. These funds are now invested in interest-bearing cash accounts.

#### **Custodial Credit Risk**

Custodial credit risk is the risk that in the event of the failure of a counterparty, the Plan will not be able to recover the value of its investments. Deposits are exposed to custodial credit risk if they are uninsured and uncollateralized. Investment securities are exposed to custodial credit risk if they are uninsured, are not registered in the name of the Plan, or are held by a counterparty or the counterparty's trust department but not in the name of the Plan. While the investment policy does not specifically address custodial credit risk of deposits, it does limit the amount of cash and short-term investments of each manager's portfolio. At June 30, 2024 and 2023, the carrying amounts of the Plan's cash and cash equivalents were \$43,675,575 and \$43,955,792, respectively, and the bank balances were \$45,791,254 and \$45,943,668, respectively. The difference in balances was primarily due to outstanding deposits and checks.

The bank balances of deposits were uninsured and uncollateralized in the amounts of approximately \$112,000 and \$113,000 as of June 30, 2024 and 2023, respectively. The policy also provides that investment collateral be held by a third-party custodian with whom the Plan has a current custodial agreement in the Plan's name.

#### **Foreign Currency Risk**

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. The investment policy states that while there are no percentage limits with regard to country weightings, the investment manager should use prudent investment judgment. Investments in cash and cash equivalents, foreign equities, and debt securities are shown by monetary unit to indicate possible foreign currency risk.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Foreign Currency Risk, Continued**

The Plan's exposure to foreign currency risk at June 30 was as follows:

	Cas	h and Cash		Debt			
	<u>Ec</u>	<u>juivalents</u>	<u>Equities</u>	<u>Securities</u>	<u>Total</u>	<u>Percentage</u>	
2024							
Australian dollar	\$	-	-	-	-	0.000%	
Canadian dollar		67	4,653,849	-	4,653,916	0.797%	
Danish krone		-	13,238,767	-	13,238,767	2.268%	
Euro currency		607	38,925,835	-	38,926,442	6.671%	
Hong Kong dollar		-	-	-	-	0.000%	
Japanese yen		-	-	-	-	0.000%	
New Taiwan dollar		27,481	-	-	27,481	0.004%	
Polish Zloty`		31,475	-	-	31,475	0.004%	
Pound Sterling		-	30,553,083	-	30,553,083	5.233%	
Swedish krona		52,694	-	-	52,694	0.009%	
Swiss franc		-	3,563,951	-	3,563,951	0.611%	
Commingled funds:			-				
Intl. Emerging Markets		-	118,508,795	-	118,508,795	20.301%	
Intl. Common Stocks		-	170,451,537	-	170,451,537	29.199%	
Intl. Debt Securities		<u>-</u>		203,755,343	203,755,343	<u>34.904</u> %	
	\$	112,324	379,895,817	203,755,343	583,763,484	100.000%	

### NOTES TO FINANCIAL STATEMENTS, CONTINUED

### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

### Foreign Currency Risk, Continued

	Cas	h and Cash		Debt			
	<u>Eq</u>	<u>uivalents</u>	<u>Equities</u>	<u>Securities</u>	<u>Total</u>	<u>Percentage</u>	
2023							
Australian dollar	\$	-	3,784,525	-	3,784,525	0.664%	
Canadian dollar		56	3,486,978	-	3,487,034	0.612%	
Danish krone		-	12,106,052	-	12,106,052	2.123%	
Euro currency		619	33,169,231	-	33,169,850	5.821%	
Hong Kong dollar		-	3,244,558	-	3,244,558	0.569%	
Japanese yen		-	5,664,815	-	5,664,815	0.994%	
New Taiwan dollar		28,625	-	-	28,625	0.004%	
Polish Zloty`		31,142	-	-	31,142	0.004%	
Pound Sterling		-	19,551,758	-	19,551,758	3.429%	
Swedish krona		-	7,781,784	-	7,781,784	1.365%	
Swiss franc		52,927	11,843,172	-	11,896,099	2.087%	
Commingled funds:			-				
Intl. Emerging Markets		-	108,193,178	-	108,193,178	18.978%	
Intl. Common Stocks		-	158,049,935	-	158,049,935	27.723%	
Intl. Debt Securities				203,114,588	203,114,588	<u>35.628</u> %	
	\$	113,369	366,875,986	203,114,588	570,103,943	100.000%	

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Credit Risk**

Fixed-income securities are subject to credit risk. Credit quality rating is one method of assessing the ability of the issuer to meet its obligation. The investment policy for fixed-income investment managers requires the securities to be rated at least "investment grade" by at least two rating agencies. Exposure to credit risk as of June 30 was as follows:

			Fair Value as a Percent of Total
	Moody's Ratings		Fixed Maturity
Investment Type	(Unless Noted)	<u>Fair Value</u>	Fair Value
2024	<del>,</del>		<u> </u>
U.S. Treasury securities	Aaa	\$ 23,679,454	100.00%
Total U.S. government			
securities		\$ 23,679,454	<u>100.00</u> %
Domestic corporate			
bonds and bond funds	Aaa	\$ 795,854	1.38%
	Aa2	668,016	1.16%
	Aa3	672,280	1.17%
	A1	3,488,766	6.06%
	A2	2,555,292	4.44%
	A3	4,580,976	7.95%
	Baa1	4,648,381	8.07%
	Baa2	-	0.00%
	Baa3	1,432,972	2.49%
	Not Rated*	38,759,356	67.29%
Total domestic corporate			
bonds and bond funds		\$ 57,601,893	<u>100.00</u> %
International corporate and government bonds	Not Rated*	\$ 203,755,343	100.00%
Total international corporate and government bonds		\$ 203,755,343	<u>100.00</u> %

<sup>\*</sup>Commingled funds. Management believes the underlying investments of the commingled funds meet the requirements of the investment policy.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Credit Risk, Continued**

				Fair Value as a Percent of Total
	Moody's Ratings			Fixed Maturity
<u>Investment Type</u>	(Unless Noted)		<u>Fair Value</u>	<u>Fair Value</u>
<u>2023</u>				
U.S. Treasury securities	Aaa	\$	27,541,348	100.00%
	Not Rated			<u>0.00</u> %
Total U.S. government				
securities		\$	27,541,348	100.00%
Domestic corporate				
bonds and bond funds	Aaa	\$	-	0.00%
	Aa1		764,150	0.64%
	Aa3		819,730	0.68%
	A1		10,217,868	8.50%
	A2		10,025,061	8.34%
	A3		10,536,605	8.76%
	Baa1		12,643,289	10.51%
	Baa2		1,766,880	1.47%
	Baa3		3,689,880	3.07%
	Not Rated*	_	69,786,066	<u>58.03</u> %
Total domestic corporate				
bonds and bond funds		\$	120,249,529	<u>100.00</u> %
International corporate and government bonds	Not Rated*	\$	203,114,588	100.00%
Total international corporate and government bonds		\$	203,114,588	100.00%

<sup>\*</sup>Commingled funds. Management believes the underlying investments of the commingled funds meet the requirements of the investment policy.

NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. While all investments are subject to market changes, securities invested in fixed-income index funds are more sensitive to market risk. The investment policy does not establish an overall duration period; however, it does establish benchmarks for each investment manager. As of June 30, the Plan had the following maturities:

		Investment Maturities at Fair Value (in Years)						
		1 or More,	5 or More,		Investments			
	Less	Less	Less	10 or	with	Total		
Investment Type	<u>Than 1</u>	Than 5	<u>Than 10</u>	<u>More</u>	No Duration	<u>Fair Value</u>		
<u>2024</u>								
U.S. government securities:								
U.S. Treasury	\$ -		16,192,558	7,486,896		23,679,454		
Total U.S. government securities			16,192,558	7,486,896		23,679,454		
Domestic corporate								
bonds and bond funds:								
Corporate bonds	495,275	6,381,786	8,539,254	3,426,222	-	18,842,537		
U.S. government mortgages			953,116	37,806,240		38,759,356		
Total domestic corporate								
bonds and bond funds	495,275	6,381,786	9,492,370	41,232,462		57,601,893		

(Continued)

# NOTES TO FINANCIAL STATEMENTS, CONTINUED

### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

### **Interest Rate Risk, Continued**

		1 or More,	5 or More,		Investments	
	Less	Less	Less	10 or	with	Total
Investment Type	<u>Than 1</u>	<u>Than 5</u>	<u>Than 10</u>	<u>More</u>	No Duration	Fair Value
<u>2024</u>						
International corporate and						
government bonds:						
International debt securities—Brandywine		<u> </u>			203,755,343	203,755,343
Total international corporate and						
government bonds		<u> </u>			203,755,343	203,755,343
	\$ 495,275	6,381,786	25,684,928	48,719,358	203,755,343	285,036,690

### NOTES TO FINANCIAL STATEMENTS, CONTINUED

### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

### **Interest Rate Risk, Continued**

		Investment Maturities at Fair Value (in Years)					
		1 or More,	5 or More,		Investments		
	Less	Less	Less	10 or	with	Total	
<u>Investment Type</u>	<u>Than 1</u>	<u>Than 5</u>	<u>Than 10</u>	<u>More</u>	No Duration	Fair Value	
<u>2023</u>							
U.S. government securities:							
U.S. Treasury	\$	<u> </u>	13,541,656	13,999,692	<u> </u>	27,541,348	
Total U.S. government securities		<u>-</u>	13,541,656	13,999,692		27,541,348	
Domestic corporate							
bonds and bond funds:							
Corporate bonds		- 1,933,400	13,730,125	38,479,196	-	54,142,721	
U.S. government mortgages		<u> </u>	1,168,567	64,938,241		66,106,808	
Total domestic corporate							
bonds and bond funds		- 1,933,400	14,898,692	103,417,437		120,249,529	

(Continued)

# OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT PLAN Administered by OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT SYSTEM NOTES TO FINANCIAL STATEMENTS, CONTINUED

### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

### **Interest Rate Risk, Continued**

		1 or More,	5 or More,		Investments	
	Less	Less	Less	10 or	with	Total
Investment Type	<u>Than 1</u>	<u>Than 5</u>	<u>Than 10</u>	<u>More</u>	No Duration	Fair Value
<u>2023</u>						
International corporate and						
government bonds:						
International debt securities—Brandywine					203,114,588	203,114,588
Total international corporate and						
government bonds					203,114,588	203,114,588
	\$ -	1,933,400	28,440,348	117,417,129	203,114,588	350,905,465

### NOTES TO FINANCIAL STATEMENTS, CONTINUED

### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

### **Investments Measured at Fair Value**

			<b>Quoted Prices</b>		
			in Active	Significant	
		Amounts	Markets for Identical	Other Observable	Significant Unobservable
	٨	Amounts  Neasured at	Assets	Inputs	Inputs
		Fair Value	(Level 1)	(Level 2)	(Level 3)
Investments by Fair Value Level		Tan value	<u>,                                      </u>	<u>(Level 2)</u>	(Level 3)
2024					
Debt securities:					
U.S. Treasury	\$	23,679,454	23,679,454	-	-
Domestic corporate bonds and bond funds:	·	, ,	, ,		
Corporate bonds		18,842,537	-	18,842,537	-
U.S. government mortgage-backed securities		38,759,356	-	38,759,356	-
International corporate and government bonds:					
International debt securities—Brandywine		203,755,343	203,755,343		
Total debt securities		285,036,690	227,434,797	57,601,893	
Equity securities—domestic:					
Domestic equity—common stock and					
real estate investment trusts	1	,471,228,860	-	1,471,228,860	-
SSgA U.S. Aggregate Bond INDX NL FD					
Mutual Fund		186,735,148	-	186,735,148	-
SSgA Russell Small CAP Completeness Index					
Fund (CMD4)		78,515,848	-	78,515,848	-
S&P 500 Flagship Index Fund		197,311,215		197,311,215	
Total domestic equities	1	.,933,791,071		1,933,791,071	
Equity securities—international:					
Intl. Developed Market		261,387,022	261,387,022	-	-
Intl. Emerging Market		118,508,795		118,508,795	
Total international equities		379,895,817	261,387,022	118,508,795	

(Continued)

### NOTES TO FINANCIAL STATEMENTS, CONTINUED

### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

### **Investments Measured at Fair Value, Continued**

	Amounts Measured at <u>Fair Value</u>	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Investments by Fair Value Level, Continued				
2024				
Private equity:				
Private equity—non-real estate focused	562,378,296	-	-	562,378,296
Private equity—real estate focused	190,352,889			190,352,889
Total private equity	752,731,185			752,731,185
Long/Short hedge fund: Long/Short hedge—OFP Permal Fund	_		_	_
Total long/short hedge fund				
Investments measured at net asset value (NAV): Private equity—real estate focused— AG Net Lease Realty Fund III	21,902,393			
Private equity—real estate focused—IFM	21,302,333			
Global Infrastructure (US), L.P. Private equity—real estate focused—AG Realty	121,360,880	-	-	-
Value Fund XI, L.P.  Private equity—non-real estate focused—	13,502,736	-	-	-
Adams Street Co-investment Fund V A Core Real Estate—JP Morgan	25,347,349	-	-	-
Strategic Property Fund	89,630,587	-	_	-
Core Real Estate—JP Morgan	•			
Special Situation Property Fund	44,855,106	-	-	-
Total investments measured at NAV	316,599,051			
Total investments measured at fair value	\$ 3,668,053,814	488,821,819	2,109,901,759	752,731,185

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

### **Investments Measured at Fair Value, Continued**

Investments by Fair Value Level	Amounts Measured at <u>Fair Value</u>	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
<u>2023</u>				
Debt securities:				
U.S. Treasury	\$ 27,541,348	27,541,348	-	-
Domestic corporate bonds and bond funds:				
Corporate bonds	54,142,721	-	54,142,721	-
U.S. government mortgage-backed securities	66,106,808	-	66,106,808	-
International corporate and government bonds:				
International debt securities—Brandywine	203,114,588	203,114,588		
Total debt securities	350,905,465	230,655,936	120,249,529	
Equity securities—domestic:  Domestic equity—common stock and real estate investment trusts  SSgA U.S. Aggregate Bond INDX NL FD	1,179,613,647	-	1,179,613,647	-
Mutual Fund	80,796,596	-	80,796,596	-
SSgA Russell Small CAP Completeness Index				
Fund (CMD4)	85,563,628	-	85,563,628	-
S&P 500 Flagship Index Fund	281,673,534		281,673,534	
Total domestic equities	1,627,647,405		1,627,647,405	
Equity securities—international: Intl. Developed Market Intl. Emerging Market Total international equities	258,682,808 108,193,178 366,875,986	258,682,808 - 258,682,808	108,193,178 108,193,178	-
Total international equities	300,073,380	230,002,000	100,133,178	

(Continued)

### NOTES TO FINANCIAL STATEMENTS, CONTINUED

### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

### **Investments Measured at Fair Value, Continued**

	Amounts Measured at <u>Fair Value</u>	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Investments by Fair Value Level, Continued				
<u>2023</u>				
Private equity:				
Private equity—non-real estate focused	511,021,512	-	-	511,021,512
Private equity—real estate focused	193,523,969			193,523,969
Total private equity	704,545,481			704,545,481
Long/Short hedge fund:				
Long/Short hedge—OFP Permal Fund	76,358	-	-	76,358
Total long/short hedge fund	76,358			76,358
Investments measured at net asset value (NAV):				
Private equity—real estate focused—				
AG Net Lease Realty Fund III	21,702,363	-	-	-
Private equity—real estate focused—IFM				
Global Infrastructure (US), L.P.	117,617,083	-	-	-
Private equity—real estate focused—AG Realty				
Value Fund XI, L.P.	4,290,374	-	-	-
Private equity—non-real estate focused—				
Adams Street Co-investment Fund V A	13,436,468	-	-	-
Core Real Estate—JP Morgan				
Strategic Property Fund	112,912,936	-	-	-
Core Real Estate—JP Morgan				
Special Situation Property Fund	62,766,418			
Total investments measured at NAV	332,725,642	-		
Total investments measured at fair value	\$ 3,382,776,337	489,338,744	1,856,090,112	704,621,839

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Investments Measured at Fair Value, Continued**

<u>Fair Value of Debt Securities</u>—The Plan holds a diversified mix of debt instruments through various domestic and international bond managers. Generally, the Plan holds a mix of U.S. Treasuries and U.S. government mortgage-backed securities, residential mortgage-backed securities, domestic corporate bonds, and various fixed-income focused bond funds. U.S. Treasury securities are classified in Level 1 of the fair value hierarchy, using quoted prices in active markets. The remaining debt securities, other than the bond funds, are classified in Level 2 of the fair value hierarchy, valued using a matrix pricing technique. This method values securities based on their relationship to benchmark quoted prices. The fixed-income focused bond funds are generally commingled funds, and are classified in Level 2 of the fair value hierarchy based the development of a total value through the aggregation of Level 1 and Level 2 quoted prices for instruments held by the funds.

The Plan also holds investments that focus primarily on international fixed income and debt type securities. Generally, the Plan holds an international mix of government treasuries and agencies, international corporate bonds, and international mortgage-backed securities.

<u>Fair Value of Equity Securities</u>—The Plan holds equity securities through a number of managers, both actively and passively managed. They are as follows:

#### **DOMESTIC**

<u>Domestic Equity—Common Stock and Real Estate Investment Trusts</u>—The Plan uses various fund managers to invest in a diversified mix of domestic common stock and real estate investment trusts. The Plan seeks to achieve the highest possible return from each of the managers using the Russell 3000 as the fund level benchmark. Investment assets in this category are classified in Level 1 of the fair value hierarchy since all securities are priced at quoted market prices in active markets for identical securities.

<u>S&P 500 Flagship Index Fund</u>—The Plan invests in this fund with a full S&P 500 index replication strategy. The strategy mandates that the holdings, sector weights, and industry weights match, as closely as possible, those of the S&P 500 index. This fund is classified in Level 2 of the fair value hierarchy, as the price of the fund is derived from securities that are all priced at quoted market prices in active markets. This fund prices and provides liquidity to its investors on a monthly basis.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Investments Measured at Fair Value, Continued**

Fair Value of Equity Securities, Continued

#### **INTERNATIONAL**

<u>International Equities—Common Stock</u>—The Plan uses various fund managers to invest in a diversified mix of international common stock. The Plan seeks to achieve the highest possible return from each of the managers using the MSCI-ACW Index excluding the United States as the fund level benchmark. This benchmark captures large- and mid-cap representation across 22 of the 23 developed markets. This benchmark representation includes 85% of the global equity opportunities outside of the United States. Investment assets in this category are classified in Level 1 of the fair value hierarchy since all securities are priced at quoted market prices in active markets for identical securities.

<u>RBC Emerging Markets Equity Fund</u>—The Plan invests in a fund that is focused on investing in securities from any emerging or frontier company, industry, sector, and economy. The RBC Fund is a collective investment fund that is managed for institutional investors. The fund is classified in Level 2 of the fair value hierarchy, as the holdings of the fund are all priced at quoted market prices in active markets, allowing the fund sponsor to develop daily net asset value pricing and liquidity.

<u>Wellington Emerging Markets Equity Fund</u>—The Plan invests in a fund that is focused on investing in securities from any emerging or frontier company, industry, sector, and economy. The Wellington Fund is a collective investment fund that is managed for institutional investors. The fund is classified in Level 2 of the fair value hierarchy, as the holdings of the fund are all priced at quoted market prices in active markets, allowing the fund sponsor to develop daily net asset value pricing and liquidity.

NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Investments Measured at Fair Value, Continued**

<u>Fair Value of Private Equity and Long/Short Hedge</u>—The Plan participates in a number of private equity partnerships (including the Plan's long/short hedge fund) as a limited partner. Private equity investments are structured to be operated by a general partner, usually highly experienced in the specific focus of the fund, who calls for investments from the limited partners when a suitable investment opportunity arises. As such, investments in private equity can generally never be redeemed, but instead participate in distributions from the fund as liquidation of the underlying assets are realized.

Several of the limited partnerships invest in equity securities outside of the United States and may enter into forward contracts to purchase or sell securities at specified dates in the future at a guaranteed price in a foreign currency to protect against fluctuations in exchange rates of foreign currency. In addition, some of the partnerships may engage in hedging transactions involving derivative instruments as a part of their investment strategy.

The Plan's private equity (PE) and long/short hedge investments have a long investment horizon of 5 to 10 years, are not liquid, and the Plan generally holds this type of investment to maturity. Depending on the type of holdings within a given partnership, the investment horizon can be extended if the general partner deems the remaining investments in the fund still hold significant future value and a majority of limited partners concur. The Plan's PE general partners typically make fair value determinations on the investments in each of their respective funds quarterly using a variety of pricing techniques including, but not limited to, observable transaction values for similar investments, third-party bids, appraisals of both properties and businesses, and public market capitalization of similar or like businesses. Each PE fund then calculates the fair value of the Plan's ownership of the partners' capital on a quarterly basis. The Plan classifies all private equity investments in Level 3 of the fair value hierarchy, as most investments of this type require unobservable inputs and other ancillary market metrics to determine fair value. Although most PE interests are marketable in a secondary market, the Plan generally does not sell its interests early at values less than its interest in the partnership. At June 30, 2024, the Plan was invested in 41 different PE partnerships (18 of which were real estate) and had a remaining commitment of approximately \$382,000,000 for the non-real estate PE partnerships and approximately \$87,000,000 for the real estate PE partnerships. At June 30, 2023, the Plan was invested in 43 different PE partnerships (18 of which were real estate) and had a remaining commitment of approximately \$417,000,000 for the non-real estate PE partnerships and approximately \$128,000,000 for the real estate PE partnerships. The Plan entered into 2 new PE partnership agreements during fiscal year 2024 (non-real estate PE), all having a close-ended contract duration. The new PE investments required a total commitment of \$19,000,000, which was partially funded prior to June 30, 2024. The Plan entered into 4 new PE partnership agreements during fiscal year 2023 (3 non-real estate PE and 1 real estate PE), all having a close-ended contract duration. The new PE investments required a total commitment of \$149,000,000 (\$104,000,000 non-real estate PE and \$45,000,000 real estate PE), which was partially funded prior to June 30, 2023. Since the Plan follows a rolling year PE strategy, new PE investments are made as older PE investments reach their expiration.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Investments Measured at Fair Value, Continued**

Fair Value of Private Equity and Long/Short Hedge, Continued

The Plan is invested in the following private equity strategies:

BUYOUT—This private equity strategy seeks to invest capital in mature businesses that have the potential for growth in value from efficiencies gained through structural, strategic management, and operational improvements.

DISTRESSED—Under the distressed strategy, a fund will invest in the debt of companies that are struggling, with the intent of influencing the process by which the company restructures its debt, narrows its focus, or implements a plan for a turnaround in its operations. Distressed investments of this nature can be debt, equity, or other types of lending.

VENTURE CAPITAL—The venture strategy primarily seeks to invest in early-stage, high-potential, high-growth companies. This type of investment is usually through equity ownership in the company, where the private equity general partner can lend expertise and facilitate growth. Investment returns are usually realized if the portfolio company is taken public through an IPO or the fund may sell its equity investment to another investor.

FUND OF FUNDS—Under a fund of funds private equity investment, the general partner seeks to build a combination of private equity investments that will work synergistically together to maximize returns and minimize the risk of loss.

REAL ESTATE—Private equity investment in real estate may encompass several of the above-mentioned strategies, based on the skill and experience of the general partner. Generally, real estate private equity investments seek to capitalize on distressed situations, as well as seek to identify lucrative investments that produce a high level of current income.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Investments Measured at Fair Value, Continued**

Fair Value of Investments Measured at Net Asset Value (NAV)

Private Equity—Real Estate Focused—AG Net Lease Realty Fund III—The Plan invests in a net lease real estate private equity managed by Angelo Gordon & Co. The fund strategy focuses on providing sale-leaseback financing to less-than-investment grade owner-occupiers of corporate real estate. Generally, investment income is derived from single tenant commercial real estate in the form of current lease income. The net asset value of the fund is determined on a quarterly basis by each of the fund's personnel responsible for the management of each individual investment and reviewed in total by the general partner. The net asset value per share is determined from an income valuation approach that includes certain capitalization and discount rates unique to the fund. The rates are determine based on tenant credit, location, remaining lease term, type and nature of each property, and current and anticipated market conditions. Due to the illiquid nature of the underlying investments, the fund does not allow periodic redemptions of funds by limited partners until maturity of the partnership agreement.

Core Real Estate—JP Morgan Strategic Property and JP Morgan Special Situation Property Fund—The Plan invests in two core real property funds, the JP Morgan Strategic Property fund and the JP Morgan Special Situation Property Fund. Both of these funds invest in core real properties seeking to realize capital appreciation on its portfolio while also generating a high level of current income. These funds both make strategic property acquisitions primarily in the U.S. As part of JPMorgan's valuation process, independent appraisers value properties on an annual basis (at a minimum). Both funds are valued at NAV monthly. Each fund allows withdrawals once per quarter subject to "available cash" as determined by a pool trustee with 45 days' advance written notice.

NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Investments Measured at Fair Value, Continued**

Fair Value of Investments Measured at Net Asset Value (NAV), Continued

Private Equity-Non-Real Estate Focused-Adams Street Co-investment Fund V A—The Plan invests in a non-real estate private equity co-investment fund managed by Adams Street Partners, LLC. The Fund was formed for the purpose of investing in co-investments. The investment is typically made through an intermediary vehicle controlled by the sponsor, and therefore, the Fund does not have control of the disposition of the underlying asset. The Adams Street funds are closed-end funds that do not issue redeemable interests. Discretionary distributions are provided during the term of the fund. The General Partner is not allocated management fees and receives an allocation of 100.00% of the incentive amount. The lead sponsor values the investment and Adams Street typically relies on this valuation, which requires that Adams Street review the sponsor's valuation methodology and if not using the valuation as of the reporting date, make any necessary cash flow and fair value adjustments. Each quarter, the co-investment team monitor reviews the valuation received from the sponsor and determines if the valuation methodology is reasonable. The valuation is allocated to each Fund based on their pro rata ownership percentage. The Valuation Committee reviews and approves all co-investment valuations. Valuation Committee sign-off must be completed before any financial statements using the quarterly valuations can be provided to investors.

Private Equity-Real Estate Focused- IFM Global Infrastructure (US), L.P.—The Plan invests in a real estate focused private equity fund managed by IFM Investors (US) Advisor, LLC. The Partnership is a feeder in a master-feeder structure. The Partnership invests substantially all of its assets in the unit classes of the Master Fund. The General Partner shares common management with the advisor of the Master Fund in that they have the same ultimate controlling party. In the ordinary course of business, the Partnership contributes capital and receives distributions as a result of transactions conducted through the Master Fund. The Fund's investment objective is to acquire and maintain a diversified portfolio of global infrastructure investments with strong market positions, predictable regulatory environments, high barriers to entry, limited demand elasticity and long lives that realizes a 10% annual return over the long term (10+ years), which will range between 8%-12% per annum depending on the stage of the market cycle. The Partnership's investment in the Master Fund is valued at NAV based on the Partnership's proportionate interest in the net assets of the Master Fund. Substantially all of the Partnership's assets are invested in the Master Fund and, accordingly, the performance of the Partnership is directly affected by the performance of the Master Fund. The Limited Partners may redeem all or a portion of their capital account balances subject to prior written notice given to the Partnership and redemption amount.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (4) CASH, CASH EQUIVALENTS, AND INVESTMENTS, CONTINUED

#### **Securities Lending**

The Plan's investment policy provides for its participation in a securities lending program. The program is administered by the Plan's custodial agent. Certain securities of the Plan are loaned to participating brokers, who must provide collateral in the form of cash or U.S. Treasury or government agency securities. Under the program, the securities loaned are collateralized at a minimum of 105% of their fair values. The Plan does not have the ability to pledge or sell collateral securities without borrower default. The collateral is marked to market daily such that at the close of trading on any business day, the value of the collateral shall not be less than 100% of the fair value of the loaned securities. The Plan did not impose any restrictions regarding the amount of loans made, and the custodial agent indemnified the Plan by agreeing to purchase replacement securities or return cash collateral in the event of borrower default. There were no such failures during 2024 or 2023. The indemnification does not cover market losses associated with investing the security lending cash collateral. The loan premium paid by the borrower of the securities is apportioned between the Plan and its custodial agent in accordance with the securities lending agreement.

During the fiscal year, the Plan and the borrowers maintained the right to terminate all securities lending transactions on demand. The cash collateral received on each loan was invested, together with the cash collateral of other qualified tax-exempt plan lenders, in a collective investment pool. The average duration of such investment pool was 7 days and 4 days as of June 30, 2023. Because the loans were terminable at will, their duration did not generally match the duration of the investments made with cash collateral. As of June 30, 2024 and 2023, the Plan had no credit risk exposure to borrowers. As of June 30, 2024, the Plan held no collateral in the securities lending program. The collateral held and the fair value of securities on loan for the Plan as of June 30, 2023 were as follows:

	Collateral <u>Held</u>	Fair Value of Securities <u>on Loan</u>	% of Collateral Held to Securities <u>on Loan</u>
Securities on loan with:			
Cash collateral	\$ 6,120,998	6,004,535	102%
Non-cash collateral	 83,808,462	76,292,257	110%
	\$ 89,929,460	82,296,792	

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (5) DERIVATIVE AND OTHER INSTRUMENTS

Derivative instruments are financial contracts whose values depend on the values of one or more underlying assets, reference rates, or financial indexes. They include futures contracts, swap contracts, options contracts, and forward foreign currency exchange. The Plan's derivatives policy notes that derivatives may be used for the purpose of reducing or controlling risk, reducing transaction costs, or shifting an asset mix. The investment policy also requires investment managers to follow certain controls and documentation and risk management procedures. The Plan uses forward foreign exchange contracts primarily to hedge foreign currency exposure. Investments in limited partnerships (alternative investments) and commingled funds may include derivatives. The Plan's investments in alternative investments are reflected at fair value, and any exposure is limited to its investment in the partnership and any unfunded commitment. Commingled funds have been reviewed to ensure they are in compliance with the Plan's investment policy. The notional values associated with the warrants are generally not recorded in the financial statements. The Plan does not anticipate additional significant market risk from the derivatives. As of June 30, 2022, the Plan no longer has derivative instruments separate from any that may be included in the Plan's investments in limited partnerships (alternative investments) and commingled funds.

Fair values of all the derivative instruments were determined from market quotes of the instruments or similar instruments.

The Plan invests in mortgage-backed securities, which are reported at fair value in the statements of fiduciary net position and are based on the cash flows from interest and principal payments of the underlying mortgages. As a result, they are sensitive to prepayments by mortgagees, which are likely in declining interest rate environments, thereby reducing the values of these securities. The Plan invests in mortgage-backed securities to diversify the portfolio and increase the return while minimizing the extent of risk. Details regarding interest rate risks for these investments are included under the interest rate risk disclosures.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (6) DEFERRED OPTION PLAN

As noted previously, the Plan has a Deferred Option Plan available to its members. A summary of the Deferred Option Plan for the years ended June 30 is as follows:

	•	<u>2024</u>	<u>2023</u>
Assets at beginning of year	\$	490,942,329	497,189,839
Employer's contributions		124,056	124,018
Retirement benefit payments		(35,977,266)	(42,277,314)
Retirement benefits transferred from pension plan		27,437	318,345
Interest on Deferred Option Plan balances		41,528,830	35,587,441
Assets at end of year	\$	496,645,386	490,942,329

The assets shown above are included in the fiduciary net position restricted for pensions as reflected on the statements of fiduciary net position.

### (7) "BACK" DROP PLAN

As noted previously, the Plan has a "Back" DROP Plan available to the members effective July 1, 2003. A summary of the "Back" DROP Plan for the years ended June 30 is as follows:

	•	2024	2023
Assets at beginning of year	\$	814,340,332	743,447,032
Employer's contributions		7,798,482	10,366,741
Retirement benefit payments		(50,683,545)	(46,729,694)
Retirement benefits transferred from pension plan		25,563,413	35,227,271
Interest on "Back" DROP Plan balances		81,532,232	72,028,982
Assets at end of year	\$	878,550,914	814,340,332

The assets shown are included in the fiduciary net position restricted for pensions as reflected on the statements of fiduciary net position.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (8) NET PENSION LIABILITY OF PARTICIPATING EMPLOYERS

The components of the net pension liability of the participating employers at June 30 were as follows:

	<u>2024</u>	<u>2023</u>
Total pension liability Fiduciary net position	\$ 4,694,324 3,377,216	
Employers' net pension liability	\$ 1,317,108	3,120 1,290,250,448
Fiduciary net position as a percentage of total pension liability	<u>71.94</u> %	<u>70.85</u> %

<u>Actuarial Assumptions</u>—The total pension liability was determined by an actuarial valuation as of July 1, 2024 and 2023, using the following actuarial assumptions, applied to all prior periods included in the measurement:

Inflation: 2.75% for 2024 and 2023

Salary increases: For paid firefighters, 2.75% to 14.00% for 2024 and

2.75% to 10.50% for 2023; not applicable for volunteer firefighters

Investment rate of return: 7.5%, net of pension plan investment expense, for 2024 and 2023

For 2024 mortality rates were based on:

Active members—Pub-2010 Public Safety Table with generational mortality improvement using MP-2021.

Retired members—Pub-2010 Public Safety Below Median Table with generational mortality improvement using Scale MP-2021.

Disabled members—Pub-2010 Public Safety Disabled Table set forward 2 years.

The actuarial assumptions used in the July 1, 2024, valuation was based on the results of an actuarial experience study for the period July 1, 2018, to July 30, 2023.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (8) NET PENSION LIABILITY OF PARTICIPATING EMPLOYERS, CONTINUED

#### Actuarial Assumptions, Continued

For 2023 mortality rates were based on:

Active members—Pub-2010 Public Safety Table with generational mortality improvement using MP-2018.

*Retired members*—Pub-2010 Public Safety Below Median Table with generational mortality improvement using Scale MP-2018.

Disabled members—Pub-2010 Public Safety Disabled Table set forward 2 years.

The actuarial assumptions used in the July 1, 2024 and 2023, valuations were based on the results of an actuarial experience study for the period July 1, 2013, to July 30, 2018.

The long-term expected rate of return on the Plan's investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense, and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The inflation factor added back was 2.51% and 2.62% for 2024 and 2023, respectively. Best estimates of arithmetic real rates of return for each major asset class included in the Plan's target asset allocation as of June 30 (see discussion of the Plan's investment policy) are summarized in the following table:

	Long-Term Expected				
Asset Class	Real Rate	of Return			
	<u>2024</u>	<u>2023</u>			
	(Includes infl	ation factor)			
Fixed income	5.86%	5.80%			
Domestic equity	8.78%	9.49%			
International equity	10.68%	11.55%			
Real estate	9.68%	9.48%			
Other assets	6.44%	6.47%			

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (8) NET PENSION LIABILITY OF PARTICIPATING EMPLOYERS, CONTINUED

<u>Discount Rate</u>—The discount rate used to measure the total pension liability was 7.5%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current contribution rate and that contributions from employers will be made at contractually required rates, determined by Oklahoma statutes. Projected cash flows also assume the State of Oklahoma will continue contributing an allocation of the insurance premium, as established by Oklahoma statute. Prior to July 1, 2020, the Plan was allocated 36% of the Statewide insurance premium tax. The State of Oklahoma has passed legislation that changes the allocation percentage as follows:

- 25.2% effective September 1, 2020
- 36.0% effective July 1, 2021
- 37.8% effective July 1, 2022
- 36.0% effective July 1, 2027

The Plan will also receive \$40,625 each year from July 1, 2020, through June 30, 2027. Based on these assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on the Plan's investments was applied to all periods of projected benefit payments to determine the total pension liability.

<u>Sensitivity of the Net Pension Liability to Changes in the Discount Rate</u>—The following presents the net pension liability of the employers calculated using the discount rate of 7.5%, as well as what the Plan's net pension liability would be if it were calculated using a discount rate that is 1 percentage point lower (6.5%) or 1 percentage point higher (8.5%) than the current rate:

	1% Decrease	<b>Current Discount</b>	1% Increase
	<u>(6.5%)</u>	Rate (7.5%)	<u>(8.5%)</u>
2024			
Employers' net pension liability	\$ 1,752,984,732	1,317,108,120	953,904,822
2023			
Employers' net pension liability	\$ 1,681,252,103	1,290,250,448	963,269,659

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (9) CAPITAL ASSETS

The Plan has only one class of capital assets, consisting of furniture, fixtures, and equipment. A summary as of June 30 is as follows:

	Balance <u>June 30, 2</u>					Balance at June 30, 2024
Cost Accumulated depreciation	\$	1,204,098 (486,832)	(56,476)		- <u>-</u> .	1,204,098 (543,308)
Capital assets, net	\$	717,266	(56,476)		<u>-</u>	660,790
	Balance at June 30, 2022		<u>Additions</u>	<u>Disposals</u>		Balance at June 30, 2023
Cost Accumulated depreciation	\$	1,204,098 (430,333)	(56,499)		- - -	1,204,098 (486,832)
Capital assets, net	\$	773,765	(56,499)		- = :	717,266

#### (10) PLAN TERMINATION AND STATE FUNDING

The Plan has not developed an allocation method if it were to terminate. The Oklahoma Legislature is required by statute to make such appropriation as necessary to assure that benefit payments are made.

A suggested minimum contribution from the State of Oklahoma is computed annually by an actuary hired by the Plan. However, funding by the State of Oklahoma to the Plan is based on statutorily determined amounts rather than the actuarial calculations of the amount required to fund the Plan.

#### (11) FEDERAL INCOME TAX STATUS

As an instrumentality of the State of Oklahoma, the Plan, as amended, is tax-exempt. It is not subject to the Employee Retirement Income Security Act of 1974, as amended. The Plan has received favorable determination from the Internal Revenue Service (IRS) regarding its tax-exempt status in a letter dated September 10, 2014.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (12) HISTORICAL INFORMATION

Historical trend information designed to provide information about the Plan's progress made in accumulating sufficient assets to pay benefits when due is presented in Exhibits I, II, III, and IV.

#### (13) LEGISLATIVE AMENDMENTS

The following is a summary of significant plan provision changes that were enacted by the Oklahoma Legislature during 2024 and 2023:

2024

There were no significant plan provision changes enacted by the Oklahoma Legislature during 2024.

2023

Senate Bill 630—Provides for tax changes made at the federal level. This bill raises the Required Minimum Distribution (RMD) age to 72 from age 70 ½. The bill also changes the requirement that the Plan withhold insurance premium taxes from the members benefit to qualify for the federal \$3,000 exclusion. The member can now make the payment directly to their insurance provider and still qualify for the \$3,000 annual exclusion from income.

#### NOTES TO FINANCIAL STATEMENTS, CONTINUED

#### (14) **CONTINGENCIES**

#### <u>Legal</u>

In June 2018, there was a suit filed against the System due to the System requiring participants to take (i) mandatory distribution of interest and (ii) minimum distributions based on an assumed interest rate of 7.5%. As the suit was still outstanding at June 30, 2024, the System has accrued approximately \$368,900,000 of interest that was included in accrued expenses as of June 30, 2024. On July 11, 2024, the district court granted a motion for the litigation to receive class certification.

# REQUIRED SUPPLEMENTARY INFORMATION

### SCHEDULE OF CHANGES IN EMPLOYERS' NET PENSION LIABILITY

Last 10 Fiscal Years										
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
<b>Total pension liability</b>										
Service cost	\$ 72,259,510	69,597,348	66,622,365	67,201,486	64,838,677	66,244,663	64,638,597	61,489,198	60,823,560	61,193,365
Interest	324,755,940	314,461,668	306,881,372	295,024,955	287,427,206	284,230,285	278,175,509	257,914,126	248,081,554	239,652,841
Changes of benefit terms	-	-	-	-	-	-	(144,096,161)	-	-	-
Differences between expected and actual										
experience	147,868,663	82,003,803	41,194,963	187,276,430	107,787,806	(26,456,744)	125,283,130	170,533,239	19,681,640	1,225,109
Changes in assumptions	60,733,376	-	-	-	-	(33,414,214)	-	-	-	-
Benefit payments, including refunds of										
member contributions	(338,224,993	(324,711,071)	(308,495,060)	(473,181,322)	(249,045,036)	(244,099,751)	(245,653,823)	(200,214,567)	(196,088,281)	(182,549,070)
Net change in total										
pension liability	267,392,496	141,351,748	106,203,640	76,321,549	211,008,653	46,504,239	78,347,252	289,721,996	132,498,473	119,522,245
Total pension liability—	, ,	, ,	, ,	, ,	, ,	, ,	, ,	, ,	, ,	, ,
beginning .	4,426,932,181	4,285,580,433	4,179,376,793	4,103,055,244	3,892,046,591	3,845,542,352	3,767,195,100	3,477,473,104	3,344,974,631	3,225,452,386
- <del>-</del>										
Total pension liability— ending (a)	\$4,694,324,677	4,426,932,181	4,285,580,433	4,179,376,793	4,103,055,244	3,892,046,591	3,845,542,352	3,767,195,100	3,477,473,104	3,344,974,631

### SCHEDULE OF CHANGES IN EMPLOYERS' NET PENSION LIABILITY, CONTINUED

Last 10 Fiscal Years										
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Plan fiduciary net position										
Contributions—										
employers/municipalities	\$ 54,480,094	53,366,157	45,932,405	45,301,239	44,915,341	43,378,922	41,590,815	40,325,760	39,173,661	38,875,835
Contributions—members	34,768,864	33,965,756	29,183,440	28,634,422	28,604,332	27,347,450	26,086,597	25,236,243	24,531,971	24,310,588
Contributions—										
State of Oklahoma, a										
non-employer	140 575 452	114 201 400	102 442 025	72 022 000	102 501 622	101 700 051	100 222 224	00 122 622	02 220 270	01 225 007
contributing entity Net investment	140,575,152	114,291,486	102,442,025	72,923,900	103,591,633	101,700,051	100,333,324	88,133,633	92,330,270	91,235,807
income (loss)	351,612,532	284,304,430	(409,769,260)	914,534,234	109,851,676	189,352,801	290,165,929	302,619,557	14,238,895	116,617,766
Benefit payments,	331,012,332	20 1,00 1, 100	(103), 03,200,	31 1,33 1,23 1	103,031,070	103,002,001	230,203,323	302,023,037	1 1,230,033	110,017,700
including refunds of										
member contributions	(338,224,993)	(324,711,071)	(308,495,060)	(409,531,086)	(249,045,036)	(244,099,751)	(245,653,823)	(200,214,567)	(196,088,281)	(182,549,070)
Administrative expense	(2,676,825)	(2,380,987)	(2,257,894)	(2,194,352)	(2,156,585)	(2,194,806)	(2,098,370)	(2,387,774)	(1,994,301)	(2,029,087)
Net change in plan										
fiduciary net position	240,534,824	158,835,771	(542,964,344)	649,668,357	35,761,361	115,484,667	210,424,472	253,712,852	(27,807,785)	86,461,839
Plan fiduciary net	2 426 604 722	2 077 045 062	2 520 040 206	2 074 4 44 0 40	2 025 200 500	2 740 005 024	2 500 474 440	2 255 750 507	2 202 566 202	2 407 404 542
position—beginning	3,136,681,733	2,977,845,962	3,520,810,306	2,871,141,949	2,835,380,588	2,719,895,921	2,509,471,449	2,255,758,597	2,283,566,382	2,197,104,543
Plan fiduciary net										
position—ending (b)	\$3,377,216,557	3,136,681,733	2,977,845,962	3,520,810,306	2,871,141,949	2,835,380,588	2,719,895,921	2,509,471,449	2,255,758,597	2,283,566,382
,										
Plan's net pension										
liability (a) - (b)	\$1,317,108,120	1,290,250,448	1,307,734,471	658,566,487	1,231,913,295	1,056,666,003	1,125,646,431	1,257,723,651	1,221,714,507	1,061,408,249

### SCHEDULE OF EMPLOYERS' NET PENSION LIABILITY

Last 10 Fiscal Years										
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Total pension liability Plan fiduciary net	\$ 4,694,324,677	4,426,932,181	4,285,580,433	4,179,376,793	4,103,055,244	3,892,046,591	3,845,542,352	3,767,195,100	3,477,473,104	3,344,974,633
position	3,377,216,557	3,136,681,733	2,977,845,962	3,520,810,306	2,871,141,949	2,835,380,588	2,719,895,921	2,509,471,449	2,255,758,597	2,283,566,382
Plan net pension liability	\$ 1,317,108,120	1,290,250,448	1,307,734,471	658,566,487	1,231,913,295	1,056,666,003	1,125,646,431	1,257,723,651	1,221,714,507	1,061,408,249
Plan fiduciary net position as a										
percentage of the total pension liability	<u>71.94</u> %	<u>70.85</u> %	<u>69.49</u> %	<u>84.24</u> %	<u>69.98</u> %	<u>72.85</u> %	<u>70.73</u> %	<u>66.61</u> %	<u>64.87</u> %	<u>68.27</u> %
Covered payroll	\$ 388,178,501	344,072,473	327,747,370	313,345,726	318,472,051	307,734,605	303,090,745	285,073,253	273,621,126	270,535,966
Plan net pension liability as a										
percentage of covered payroll	<u>339.30</u> %	<u>374.99</u> %	<u>399.01</u> %	<u>210.17</u> %	<u>386.82</u> %	<u>343.37</u> %	<u>371.39</u> %	<u>441.19</u> %	<u>446.50</u> %	<u>392.34</u> %

# **Exhibit III**

# OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT PLAN Administered by OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT SYSTEM

# SCHEDULE OF CONTRIBUTIONS FROM EMPLOYERS AND OTHER CONTRIBUTING ENTITIES

Last 10 Fiscal Years										
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Actuarially determined contribution  Contributions in relation to the	\$ 159,413,662	151,503,140	150,350,348	151,539,372	142,015,118	150,174,973	155,547,401	141,509,975	139,226,348	142,494,951
actuarially determined contribution: Employers/Municipalities State of Oklahoma, a non-employer	46,681,611	45,285,476	37,851,725	37,220,559	36,395,216	37,693,595	36,015,374	34,567,211	32,670,684	29,001,438
contributing entity	140,575,153	114,291,486	102,442,025	72,923,900	103,591,633	101,700,051	100,333,324	88,133,633	92,330,270	91,235,807
	187,256,764	159,576,962	140,293,750	110,144,459	139,986,849	139,393,646	136,348,698	122,700,844	125,000,954	120,237,245
Contribution deficiency	\$ (27,843,102)	(8,073,822)	10,056,598	41,394,913	2,028,269	10,781,327	19,198,703	18,809,131	14,225,394	22,257,706
Covered payroll	\$ 388,178,501	344,072,473	327,747,370	313,345,726	318,472,051	307,734,605	303,090,745	285,073,253	273,621,126	270,535,966
Contributions as a percentage of covered payroll	<u>48.24</u> %	<u>46.38</u> %	<u>42.81</u> %	<u>35.15</u> %	<u>43.96</u> %	<u>45.30</u> %	<u>44.99</u> %	<u>43.04</u> %	<u>45.68</u> %	<u>44.44</u> %

# **Exhibit IV**

# OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT PLAN Administered by OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT SYSTEM

# SCHEDULE OF INVESTMENT RETURNS

Last 10 Fiscal Years										
	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
Annual money-weighted rate of return, net of investment expense, as defined by GASB 67	<u>10.73</u> %	<u>9.01</u> %	( <u>10.11</u> )%	<u>31.86</u> %	<u>4.03</u> %	<u>7.67</u> %	<u>11.80</u> %	<u>14.36</u> %	<u>1.05</u> %	<u>5.78</u> %
Net return on average assets	9.97%	9.05%	(10.24)%	31.79%	4.04%	7.73%	11.76%	14.38%	1.11%	5.82%

### **Exhibit V**

# OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT PLAN Administered by OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT SYSTEM

### NOTES TO REQUIRED SUPPLEMENTARY INFORMATION

June 30, 2024

The information presented in the required supplementary schedules was determined as part of an actuarial valuation by an independent enrolled actuary (Definiti, LLC, formerly Retirement Horizons, LLC, for 2024, 2023, 2022, and 2021, and Conduent, formerly Buck Consultants, LLC, for all prior years). Additional information as of the July 1, 2023, valuation follows:

Actuarial cost method: Entry age normal

Amortization method: Level dollar—closed

Remaining amortization: 20 years

Asset valuation method: An expected funding valuation adjustment (FVA) is determined equal

to the prior year's FVA plus cash flow (excluding investment expenses and realized and unrealized gains and losses) for the year ended on the valuation date and assuming a 7.5% investment return. Any difference in the actual FVA and expected FVA is amortized over 5 years. The result is constrained to a value of 80% to 120% of the fair value at the valuation date. Prior gains and losses were not restated.

Actuarial assumptions:

Investment rate of return 7.5%

Projected salary increases\* 2.75% to 14.00%

Cost-of-living adjustments

(COLA) Paid firefighters with 20 years of service prior to May 26, 1983,

receive an increase of half of the dollar amount of a 2.75% assumed increase in base pay. No COLA is assumed for members not eligible

for this increase.

<sup>\*</sup>Includes inflation at 2.75%.

**SUPPLEMENTARY INFORMATION** 

# OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT PLAN Administered by OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT SYSTEM

# Schedule I

# STATEMENTS OF INVESTMENT EXPENSES

Years Ended June 30,	2024	2023
Investment management fees	\$ 20,819,645	21,069,200
Investment consultant fees	602,800	514,226
Total investment expenses	\$ 21,422,445	21,583,426

# OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT S Administered by OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT SYSTEM

Schedule II

# STATEMENTS OF ADMINISTRATIVE EXPENSES

Years Ended June 30,	2024	2023
Staff salaries	\$ 1,093,067	1,076,377
FICA and retirement	232,457	161,052
Insurance	 179,678	151,300
Total personal services	 1,505,202	1,388,729
Actuarial	59,300	73,100
Audit	90,335	89,783
Legal	603,794	542,449
Other	 54,582	7,877
Total professional/consultant services	 808,011	713,209
Office space and equipment	43,849	43,849
Total rental	 43,849	43,849
Travel	52,153	40,824
Maintenance	22,538	25,730
Computer/data	165,662	111,995
Other	79,410	56,651
Total miscellaneous	 319,763	235,200
Total administrative expenses	\$ 2,676,825	2,380,987

# OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT PLAN Administered by OKLAHOMA FIREFIGHTERS PENSION AND RETIREMENT SYSTEM

# STATEMENTS OF PROFESSIONAL/CONSULTANT FEES

Years Ended June 30,		2024	2023
<b>Professional/Consultant</b>	<u>Service</u>		
Definiti, LLC	Actuarial	\$ 59,300	73,100
Finley & Cook, PLLC	Audit	55,377	49,760
Crawford & Associates	Audit	16,806	26,291
Berwyn Group	Audit	-	3,700
State Auditor & Inspector and Other	Audit	72,734	17,909
Davis, Graham, Stubbs, LLP	Legal	166,525	94,294
Phillips Murrah	Legal	 437,269	448,155
Total Professional/Consultant Fees		\$ 808,011	713,209

# **Investment Section**

- (79) Investment Consultant Letter
- (82) Schedule of Largest Assets Held
- (83) Investment Portfolio by Type and Manager
- (84) Net Performance Summary
- (86) Asset Allocation Portfolio versus Policy Comparison
- (86) Schedule of Investment Fees
- (87) Schedule of Broker Commissions





Oklahoma Firefighters' Pension & Retirement System's (OFPRS) Board of Trustees

November 19, 2024

Report on Investment Activity

Mariner provides investment consulting services to the Oklahoma Firefighters' Pension & Retirement System's (OFPRS) Board which include asset allocation strategy, investment policy development and review, and investment manager selection and compliance monitoring. The primary objective of the Oklahoma Firefighters Pension and Retirement System is to provide eligible members and beneficiaries with retirement benefits, to be paid from the Oklahoma Firefighters Pension and Retirement Fund. Assets of the Fund will be invested in a diversified portfolio to achieve attractive real rates of return designed to meet the long-term objectives of OFPRS.

On a monthly basis, Mariner conducts a formal review of investment activities, providing the Board with an overview of capital markets, cash flow summary, investment manager performance review and asset allocation rebalance direction. We provide topical educational modules to further enhance the Trustees knowledge and engagement in the oversight of the OFPRS investment program. Mariner provides review and selection of various alternative asset classes and investment managers. On a quarterly basis, we provide a comprehensive review of all investment managers and strategies comparing them to respective policy benchmarks, risk metrics and compliance requirements specific to the OFPRS Statement of Investment Policy. All investment data being presented is based on fair value.

The US Federal Reserve (the Fed) continued on its stable trajectory, holding rates steady during the year. In its press release for the June meeting, the Fed continued to assert that "In considering any adjustments to the target range for the federal funds rate, the Committee will carefully assess incoming data, the evolving outlook, and the balance of risks." Domestic and international equity markets posted strong results for the trailing twelve months. Continuing their robust 2023 run, large-cap growth sectors continued to outpace their value counterparts in 2024, and by a wider margin than the prior year. Over the trailing twelve months, he S&P 500 was up 24.6%, the MSCI ACWI ex US was up 11.6%, and the Bloomberg Aggregate was up 2.6%.

For the fiscal year ending June 30, 2024, the total market value of the Plan for the OK Firefighters' Pension and Retirement Plan increased from \$3,425,809,174 to \$3,712,981,466. The Plan experienced cash flow activity resulting in net withdrawals of -\$76,392,189 for the year. The Plan's investments increased \$363,701,532 or 10.78% (gross of explicit fees) and 10.77% (net of fees paid from the State Street custodial accounts) underperforming the custom benchmark return of 11.95% but outperforming the actuarial assumption of 7.50% for the period. The Plan nearly matched the median public fund return of 10.86% and ranked in the 52<sup>nd</sup> percentile among other public funds across the U.S. in the national peer group sample. At year end, the asset allocation of the Plan was comprised as follows: 43.2% domestic equity, 15.0% international equity, 4.2% other equity, 7.3% domestic fixed income, 5.5% global fixed income, 6.3% other fixed income, 9.8% real estate, 8.4% other assets, and 0.3% cash equivalents. The Plan is compliant with the guidelines provided for in the statement of investment policy.

# **Domestic Equity**

The domestic equity portfolio is diversified by investment style (growth and value), across capitalization (large, mid, and small cap), and maintains exposure to passive assets to lower cost and to active investment management to seek alpha

generation. For the fiscal year, the total domestic equity portfolio was 43.2% of the total fund and increased from \$1,457,658,675 to \$1,605,618,255. The total domestic equity return on investment was \$328,241,435 or 23.9% (gross of explicit fees), surpassing the Russell 3000 Index return of 23.1% for the period.

For the trailing one year, the equity market had a dramatic positive move higher following a strong increase in 2023. All Broad US equity market indexes increased over the year.

# **International Equity**

Much like domestic equity markets, trailing one-year results for international developed and emerging markets continued their positive performance from 2023 which resulted in positive results for the trailing year. The MSCI EAFE Index returned 11.5% in USD for the year and 15.1% in Local Currency terms. Annual returns across emerging markets were mixed. Turkey's results led the way with returns of 62.1% while China, the largest EM constituent, was down -1.6%. For the fiscal year, the total international equity portfolio was 15.0% of the total fund and increased from \$494,425,090 to \$555,426,492. The total international equity return on investment was \$53,532,235 or 10.7% (gross of explicit fees) underperforming the MSCI ACWI ex US Index return of 11.6%. The developed international equity portfolio composite returned 11.1%. The emerging market equity portfolio returned 9.5% underperforming the MSCI Emerging Market Equity Index return of 12.6% for the period.

### **Domestic Fixed Income**

U.S. fixed income markets over the trailing one-year period were up modestly. Over the trailing one-year period, the Bloomberg US Aggregate Bond Index managed a 2.6% return. The benchmark's sub-components also posted positive performance over the trailing 12 months with the Bloomberg US Corporate Investment Grade Index rising 4.6% and the US Mortgage Index posting a more modest 2.1% return. US TIPS and high-yield corporate bonds, which are excluded from the aggregate index, each posted gains in the trailing year with returns of 2.7% and 10.4%, respectively. In addition to their higher coupons, high-yield bonds benefited from generally shorter duration than investment-grade corporate debt. This lower duration acted as a tailwind for high-yield bonds as interest rates rose during the trailing year. For the fiscal year, the total domestic fixed income portfolio was 7.3% of the total fund and increased from \$230,869,700 to \$270,313,266, due primarily to positive cashflows. The total domestic fixed income return on investment was \$3,763,039 or 2.3% (gross of explicit fees) underperforming the Bloomberg Aggregate Index return of 2.6% for the period.

# Global Fixed Income

Global fixed income markets were negative in comparison to US fixed income for fiscal year 2024. With foreign central banks largely tracking the Fed's tight monetary stance, the negative performance of global bonds is largely attributable to USD strength over the last year. For the fiscal year, the total global fixed income portfolio was 5.5% of the total fund and increased from \$203,117,075 to \$203,757,968 due to rebalancing. The total global fixed income return on investment was -\$7,359,107 or -3.3% (gross of fees) underperforming the Bloomberg Aggregate Global ex US Index return of -0.7% for the period.

#### Real Estate

The real estate markets continued to deteriorate in response to high interest rates and concerns for commercial office properties against an ongoing backdrop of hybrid work. Open-end core and value added private real estate funds generated negative returns for the period. For the fiscal year, the total real estate portfolio was 9.8% of the total fund and decreased from \$398,394,622 to \$364,275,852 due to asset depreciation. The total real estate return on investment was -\$56,329,076 or -13.8% (gross of explicit fees) underperforming the NCREIF ODCE (Open End Diversified Core Equity - EW) Index return of -10.0% for the period.

# Other Equity

For the fiscal year, the total other equity portfolio was 4.2% of the total fund and increased from \$112,350,702 to \$157,187,572. Even with the segment's lagged valuations, the total other equity return on investment was \$18,181,150 or 14.3% (gross of explicit fees) but fell short of the liquid Russell 3000 Index return of 23.1% for the period.

#### Other Fixed Income

For the fiscal year, the total other fixed portfolio was 6.3% of the total fund and increased from \$219,373,442 to \$235,602,904 due to positive returns which outpaced net outflow. The total other fixed return on investment was \$22,272,343 or 10.3% (gross of fees) underperforming the Bloomberg Aggregate Index return of 2.6% for the period. This portfolio segment has lagged valuations for some private market holdings.

#### Other Assets

The private equity secondary and infrastructure markets have been attractive places for investors to deploy capital as demonstrated by the growth in both transactions and fundraising. For the fiscal year, the total other asset portfolio was 8.4% of the total fund and increased from \$303,597,934 to \$311,252,570. The total other asset return on investment was \$344,404 or 0.1% (gross of explicit fees) underperforming the Other Assets Policy Index return of 7.6% for the period. This portfolio segment has lagged valuations for the private equity secondary holdings.

# **Total Fund Performance Review**

The Plan return of 10.78% (gross of explicit fees) and 10.77% (net of fees paid from the State Street custodial accounts) underperformed the policy benchmark of 11.95%, beat the 7.50% actuarial assumption target, and ranked in the 52<sup>nd</sup> percentile of pension funds across the U.S. in the Public Fund Plan Sponsor Universe for fiscal 2024.

# Comparative Performance as of June 30, 2024

Return % & (Rank)	1 Year	<u>3 Year</u>	<u>5 Year</u>	<u> 10 Year</u>
Total Fund (Net)	10.77% (52)	2.73% (59)	8.25% (22)	8.14% (6)
Policy Benchmark	11 95%	3 63%	8 09%	7 39%

The Plan outperformed the 7.50% actuarial assumption in 6 of the 10 prior fiscal year periods. As of June 30, 2024, for the 5-year and 10-year periods, the Plan outperformed the policy benchmark, exceeded the 7.50% actuarial assumption target and ranked in the top quartile of the peer group compared to other public pension funds across the U.S. in the Public Fund Plan Sponsor Universe.

### Sincerely,

Tony Kay, Consultant

# Schedule of Largest Assets Held For the Fiscal Year Ended June 30, 2024

The Plan's ten largest stock, fixed income and partnership holdings at June 30, 2024.

Largest Stock Holdings (by Fair Value)	Lar	gest Sto	ck Holdii	ngs (by I	Fair Value)
--	-----	----------	-----------	-----------	-------------

Security	Shares Held	Fair Value
Microsoft Corp.	141,809	\$ 63,381,533
NVIDIA Corp.	490,810	60,634,667
Apple Inc.	249,798	52,612,455
Amazon Inc.	199,401	38,534,243
Meta Platforms Inc.	67,899	34,236,034
Alphabet Inc.	119,441	21,867,170
Eli Lilly & Co.	15,823	14,325,828
NOVO Nordisk	91,605	13,238,767
Amgen Inc.	34,570	10,801,397
ICON	26,415	8,280,310

# Largest Fixed Income Holdings (by Fair Value)

Security	Par Value	Fair Value
FNMA POOL MA4782 FN 10/52 FIXED 3.5	3,261,045	2,887,655
FNMA POOL MA4599 FN 05/52 FIXED 3	3,267,218	2,782,723
FNMA POOL FS1877 FN 05/52 FIXED VAR	3,091,036	2,633,408
FNMA POOL CA7743 FN 11/50 FIXED 2.5	3,135,290	2,565,169
FED HM LN PC POOL RA7510 FR 06/52 FIXED 3.5	2,877,703	2,548,206
FNMA POOL CB4958 FN 10/52 FIXED 4	2,521,570	2,311,145
FED HM LN PC POOL SD1658 FR 04/52 FIXED 2.5	2,686,734	2,202,235
FED HM LN PC POOL SD8194 FR 02/52 FIXED 2.5	2,414,090	1,977,622
FNMA POOL MA3465 FN 09/38 FIXED 4	1,858,382	1,781,333
FED HM LN PC POOL SD8265 FR 11/52 FIXED 4	1,939,681	1,775,701

# Largest Limited Partnership Holdings (by Fair Value)

Limited Partnership	Fair Value
CHAUTAUQUA INTL GROWTH EQ QP LIMITED PARTNERSHIP	170,451,537
PIMCO PRIVATE INCOME FUND LP ONSHORE FEEDER LLC INCOME	103,926,605
DUNE REAL ESTATE FUND IV LP	48,131,054
PIMCO BRAVO FD III ONSHO FEED	48,040,994
JPMCB SPECIAL SITUA PROP FUND LIMITED PARTNERSHIP	44,855,104
AESF VI LP	33,549,856
PIMCO COF II LIMITED PARTNERSHIP	25,130,172
ARGONAUT PRIVATE EQUITY FUND IV	23,562,022
AG NET LEASE REALTY FD III LP LIMITED PARTNERSHIP	21,563,663
DYNAMICS GLOBAL SECONDARIES IV LIMITED PARTNERSHIP	20,282,248

A complete list of portfolio holdings may be requested from the OFPRS Accounting Department at 6601 Broadway Ext., STE #100, Oklahoma City, OK, 73116.

# Portfolio by Investment Type and Manager For the Period Ended June 30, 2024

Investment Managers by Investment Type	Investment Class	Fair Value (000s)	% of Asset Class (boxed)	% of Total Portfolio
International Equity				
Chautauqua Capital Management	Equity	\$ -	0.0%	0.0%
Chautauqua International Growth Requity QP Fund, LP	Equity	170,676	30.7%	4.6%
WCM Investment Management	Equity	187,958	33.8%	5.1%
SSGA MSCI-ACWI US - NL (LIQP) RBC GAM Emerging Markets	Equity Equity	78,255 62,499	14.1% 11.3%	2.1% 1.7%
Wellington Emerging Markets	Equity	56,010	10.1%	1.5%
Artio Global Management LLC	Equity	-	0.0%	0.0%
Domestic Equity				
Intech	Equity	312,961	19.5%	8.4%
Aristotle Value Equity	Equity	147,082	9.2%	4.0%
Beutel Goodman & Company	Equity	147,829	9.2%	4.0%
Fred Alger Management, Inc.	Equity	326,306	20.3%	8.8%
SSGA S&P 500 - NL (LIQP)	Equity	197,311	12.3%	5.3%
SSGA S&P Equal Weighted - NL (LIQP) Earnest Partners	Equity	93,465	0.0% 5.8%	0.0% 2.5%
River Road Management	Equity Equity	93,465	5.8%	2.5%
Hood River	Equity	109,832	6.8%	3.0%
Lord Abbett & Co.	Equity	98,464	6.1%	2.7%
SSGA Small CAP Completeness - NI (LIQP)	Equity	78,516	4.9%	2.1%
Other Equity				
APE Fund IV	Equity	23,566	15.0%	0.6%
APE Fund V	Equity	12,218	7.8%	0.3%
LGT CCO III	Equity	35,440	22.5%	1.0%
Schroders PEGD III	Equity	52,541	33.4%	1.4%
Adams Street Co-Inv V A Riverside Micro-Cap Fund VI	Equity	25,425	16.2%	0.7%
Riverside Micro-Cap Fund VI	Equity	7,997	5.1%	0.2%
Domestic Fixed Income	Fixed Income	54,860	20.20/	1.5%
Garcia Hamilton & Associates Orleans Capital	Fixed Income	28,700	20.3% 10.6%	0.8%
SSGA BB US Aggregate - NL (LIQP)	Fixed Income	186.753	69.1%	5.0%
	_			
Global Fixed Income  Brandywine Global Fixed	Fixed Income	-	0.0%	0.0%
Brandywine Global Opportunistic FI CI A	Fixed Income	203,758	100.0%	5.5%
Other Fixed Income	_			
Medley Opportunity Fund II	Fixed Income	144	0.1%	0.0%
PIMCO COF II	Fixed Income	25,130	10.7%	0.7%
PIMCO Bravo III	Fixed Income	48,041	20.4%	1.3%
PIMCO Bravo IV	Fixed Income	35,411	15.0%	1.0%
PIMCO Private Income Fund CI A & B	Fixed Income	103,932	44.1%	2.8%
ComVest Capital Partners Fund VI & VII	Fixed Income	22,945	9.7%	0.6%
Real Estate				
JP Morgan Strategic Property Fund	Real Estate	89,631	24.6%	2.4%
JP Morgan Special Situation Property Fund	Real Estate	44,855	12.3%	1.2%
Portfolio Advisors Real Estate III	Real Estate	2,042	0.6%	0.1%
Portfolio Advisors Real Estae IV Portfolio Advisors Real Estate V	Real Estate Real Estate	494 3,036	0.1%	0.0% 0.1%
Portfolio Advisors Real Estate V  Portfolio Advisors Real Estate VI	Real Estate	14,593	4.0%	0.1%
AG Net Lease Realty III	Real Estate	21,564	5.9%	0.6%
AG Realty Value Fund XI	Real Estate	13,395	3.7%	0.4%
Mesirow Financial Real Estate Fund II	Real Estate	3,152	0.9%	0.1%
Mesirow RE Value Fund IV	Real Estate	52,878	14.5%	1.4%
Dune Real Estate Fund III	Real Estate	5,256	1.4%	0.1%
Dune Real Estate Fund IV, LP	Real Estate	48,131	13.2%	1.3%
Landmark Real Estate Partners VII, LP	Real Estate	3,232	0.9%	0.1%
Hall Capital III	Real Estate	1,553	0.4%	0.0%
Hall Real Estate Fund II	Real Estate	6,014	1.7%	0.2%
TerraCap Partners V, LP	Real Estate	35,837	9.8%	1.0%
Centerbridge Partners RE Fund II, LP	Real Estate	18,612	5.1%	0.5%
Other Assets				
Pomona Capital Fund IV	Other Assets	-	0.0%	0.0%
Pomona Capital Fund IX	Other Assets	16,989	5.5%	0.5%
Pomona Capital Fund X	Other Assets	32,372	10.4%	0.9%
Ardian Secondary Fund VI Ardian Early Secondary Fund VI	Other Assets	4,876 33,551	1.6% 10.8%	0.1% 0.9%
ASF VIII L.P.	Other Assets Other Assets	33,551 54,950	10.8%	1.5%
Capital Dynamics Global Secondaries Funds IV	Other Assets	20,283	6.5%	0.5%
Capital Dynamics Global Secondaries Funds IV  Capital Dynamics Global Secondaries Funds VI	Other Assets Other Assets	26,703	8.6%	0.5%
IFM Global Infrastructure (US) LP	Other Assets	121,361	39.0%	3.3%
Cash and Cash Equivalents			100.00	0.3%
Cach	Cach O C			
Cash	Cash & Cash Eq.	9,547	100.0%	0.3%

# Net Performance Summary By Investment Manager For the Period Ending June 30, 2024

		Investment F	Performance*	
Investment Managers by Investment Type	One Quarter	One Year	Three Years	Five Years
International Equity				
Chautauqua International Growth Requity QP Fund, LP	1.40%	7.84%	-0.45%	8.94%
SSGA MSCI-ACWI US - NL (LIQP)	0.97%	11.71%	0.66%	N/A
WCM Investment Management	-0.99%	13.81%	0.16%	10.70%
MSCI AC World ex USA	0.96%	11.62%	0.46%	5.55%
RBC GAM Emerging Markets	8.46%	9.61%	-1.75%	3.60%
Wellington Emerging Markets	5.96%	9.45%	-7.73%	1.36%
MSCI Emerging Markets (Net) Index	5.00%	12.55%	-5.07%	3.10%
Domestic Equity Managers				
Intech	5.21%	30.49%	10.52%	15.65%
SSGA S&P 500 - NL (LIQP)	4.30%	24.60%	10.01%	N/A
S&P Index	4.28%	24.56%	10.01%	15.05%
SSGA Small CAP Completeness - NI (LIQP)	-3.22%	15.21%	-1.69%	N/A
Russell Smail Cap Completeness Index	-3.21%	14.97%	-1.78%	9.10%
Aristotle Value Equity	-1.34%	17.45%	5.56%	N/A
Beutel Goodman & Company	-1.05%	15.91%	7.88%	13.13%
Russell 1000 Value Index	-2.02%	13.06%	5.52%	9.01%
Fred Alger Management, Inc.	10.18%	42.14%	7.98%	17.31%
Russell 1000 Growth Index	8.33%	33.48%	11.28%	19.34%
Earnest Partners	-5.75%	10.77%	4.35%	11.90%
Russell 2500 Value Index	-4.31%	11.24%	2.15%	8.01%
River Road Management	-5.72%	12.00%	5.67%	8.85%
Russell 2000 Value Index	-3.64%	10.90%	-0.53%	7.07%
Hood River	2.37%	N/A	N/A	N/A
Russell 2500 Growth Index	-4.22%	9.02%	-4.11%	7.58%
Lord Abbett & Co.	1.28%	11.54%	-8.71%	6.20%
Russell 2000 Growth Index	-2.92%	9.14%	-4.86%	6.17%
Other Equity				
APE Fund IV	0.80%	2.56%	28.83%	19.07%
APE Fund V	41.49%	44.03%	N/A	N/A
LGT CCO III	6.73%	15.91%	N/A	N/A
Schroders PEGD III	6.74%	13.69%	N/A	N/A
Adams Street CO-Inv V	4.49%	25.78%	N/A	N/A
Riverside Micro-Cap Fund VI	-4.60%	-5.14%	N/A	N/A
Cambridge Associates Private Equity Index	0.00%	3.62%	6.36%	14.22%
Domestic Fixed Income				
Garcia Hamilton & Associates	0.04%	1.34%	-2.60%	0.01%
SSGA BB US Aggregate - NL (LIQP)	0.15%	2.69%	-3.00%	N/A
Orleans Capital	0.48%	3.65%	-2.57%	0.47%
Blmbg US Aggregate Index	0.07%	2.63%	-3.02%	-0.23%
-5 55 -5				
Global Fixed Income				
Brandywine Global Opportunistic FI CI A	-2.48%	-3.28%	-6.65%	-1.67%
FTSE World Governement Bond Index	-1.58%	-0.63%	-6.92%	-3.20%
out et la				
Other Fixed Income	c 720/	C 000/	2.020/	F 630/
Medley Opportunity Fund II	- <b>6.73%</b>	6.09%	-2.02%	-5.63%
Credit Suisse Leveraged Loan Index	1.87%	11.04%	5.97%	5.36%
PIMCO COF II	-8.43%	67.41%	37.81%	24.58%
PIMCO Brave IV	-1.19%	11.17%	9.87%	8.56%
PIMCO Bravo IV	-4.44%	-7.47%	N/A	N/A
PIMCO Private Income Fund CI A & B	2.75%	7.58%	5.72%	7.49%
ComVest Capital Partners Fund VI	3.08%	12.89%	N/A	N/A
Blmbg Global Credit	-0.02%	5.48%	-3.33%	0.09%

# Net Performance Summary By Investment Manager, Continued For the Period Ending June 30, 2024

Private   Priv			Investment F	Performance*	
JP Morgan Strategic Property Fund   1.36%   -14.01%   -0.28%   1.58%   JP Morgan Special Situation Property Fund   -2.50%   -23.99%   -6.77%   -1.39%   Portfolio Advisors Real Estate III   -0.32%   0.93%   -6.77%   -3.37%   Portfolio Advisors Real Estate IV   -0.51%   -24.16%   -10.17%   -7.84%   NCREIF Fund Open End Diversified Core Equity   0.00%   -9.09%   2.17%   3.55%   Portfolio Advisors Real Estate V   -0.48%   -8.91%   -3.30%   -6.94%   Portfolio Advisors Real Estate V   -0.48%   -8.91%   -3.30%   -6.94%   Portfolio Advisors Real Estate V   -0.14%   -10.86%   4.05%   4.64%   AG Net Lease Realty III   1.67%   10.18%   8.83%   7.91%   AG Realty Value Fund XI   -2.297%   2.74%   N/A   N/A   Mesirow Financial Real Estate Fund II   -19.52%   -18.78%   25.19%   19.82%   Mesirow RE Value Fund IV   0.85%   2.27%   13.10%   N/A   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -11.88%   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -11.88%   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -13.88%   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -13.88%   -7.58%   N/A   N/A   Landmark Real Estate Partners VII, IP   0.00%   -3.33%   -7.58%   0.13%   TerraCap Partners V, IP   -2.13%   -21.33%   -7.58%   N/A   N/A   Real Estate Fund II, LP   -2.13%   -32.15%   -7.36%   N/A   N/A   Real Estate Fund IX   0.00%	Investment Managers by Investment Type, Continued	One Quarter	One Year	Three Years	Five Years
JP Morgan Strategic Property Fund   1.36%   -14.01%   -0.28%   1.58%   JP Morgan Special Situation Property Fund   -2.50%   -23.99%   -6.77%   -1.39%   Portfolio Advisors Real Estate III   -0.32%   0.93%   -6.77%   -3.37%   Portfolio Advisors Real Estate IV   -0.51%   -24.16%   -10.17%   -7.84%   NCREIF Fund Open End Diversified Core Equity   0.00%   -9.09%   2.17%   3.55%   Portfolio Advisors Real Estate V   -0.48%   -8.91%   -3.30%   -6.94%   Portfolio Advisors Real Estate V   -0.48%   -8.91%   -3.30%   -6.94%   Portfolio Advisors Real Estate V   -0.14%   -10.86%   4.05%   4.64%   AG Net Lease Realty III   1.67%   10.18%   8.83%   7.91%   AG Realty Value Fund XI   -2.297%   2.74%   N/A   N/A   Mesirow Financial Real Estate Fund II   -19.52%   -18.78%   25.19%   19.82%   Mesirow RE Value Fund IV   0.85%   2.27%   13.10%   N/A   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -11.88%   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -11.88%   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -13.88%   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -13.88%   -7.58%   N/A   N/A   Landmark Real Estate Partners VII, IP   0.00%   -3.33%   -7.58%   0.13%   TerraCap Partners V, IP   -2.13%   -21.33%   -7.58%   N/A   N/A   Real Estate Fund II, LP   -2.13%   -32.15%   -7.36%   N/A   N/A   Real Estate Fund IX   0.00%					
JP Morgan Special Situation Property Fund   -2.50%   -23.99%   -6.77%   -1.39%   Portfolio Advisors Real Estate III   -0.32%   0.93%   5.70%   -3.37%   Portfolio Advisors Real Estate IV   -0.51%   -24.16%   -10.17%   -7.84%   NCREIF Fund Open End Diversified Core Equity   0.00%   -9.08%   2.17%   3.55%   Portfolio Advisors Real Estate V   -0.48%   -8.91%   -3.30%   -6.94%   Portfolio Advisors Real Estate V   -0.14%   -10.86%   4.05%   4.65%   4.64%   AG Net Lease Realty III   1.67%   10.18%   8.83%   7.91%   AG Realty Value Fund XI   -2.97%   2.274%   N/A   N/A   Mesirow Financial Real Estate Fund II   -19.52%   -18.78%   25.19%   19.82%   Mesirow RE Value Fund IV   0.85%   -2.27%   13.10%   N/A   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -11.88%   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -11.88%   Dune Real Estate Fund III   -69.69%   -71.43%   -40.79%   -24.51%   Hall Real Estate Fund III   -69.69%   -71.43%   -40.79%   -24.51%   Hall Real Estate Fund III   -23.17%   -2.133%   -7.58%   0.13%   TerraCap Partners V, IP   -2.13%   -32.15%   -7.36%   N/A   Real Estate Fund II, LP   -0.12%   0.66%   N/A   N/A   Real Estate Fund II, LP   -0.12%   0.66%   N/A   N/A   Real Estate Fund II   -0.95%   -7.00%   -7.00%   1.25%   2.65%   -7.36%   N/A   N/A   Real Estate Manager Benchmark   -0.67%   -10.00%   -0.09%   0.00%	Real Estate	I			
Portfolio Advisors Real Estate III Portfolio Advisors Real Estate IV Portfolio Advisors Real Estate IV Portfolio Advisors Real Estate IV Portfolio Advisors Real Estate V Portfolio Advisors Real Estate VI Portfolio Advisors Real Estate Fund III Portfolio Advisors Real Estate Partfolio VI Portfolio Real Estate Fund III Portfolio Real Estate Partfolio VI Portfolio Real Partfolio VI Portfolio Real Partfolio VI Portfolio Real Partfolio VI Portfolio Real Estate Partfolio VI Portfolio Real Partfolio VI Portfolio Real Estate Partfolio VI Portfolio Real Partfolio VI Portfolio VI Portfolio Real Estate Partfolio VI Portfolio VI P	JP Morgan Strategic Property Fund	1.36%	-14.01%	-0.28%	1.58%
Portfolio Advisors Real Estae IV	JP Morgan Special Situation Property Fund	-2.50%	-23.99%	-6.77%	-1.39%
NCREIF Fund Open End Diversified Core Equity   0.00%   -9.08%   2.17%   3.55%   Portfolio Advisors Real Estate V   -0.48%   -8.91%   -3.30%   -6.94%   Portfolio Advisors Real Estate V   -0.14%   -10.86%   4.05%   4.64%   AG Net Lease Realty III   1.67%   10.18%   8.83%   7.91%   AG Realty Value Fund XI   -2.97%   2.74%   N/A   N/A   N/A   Mesirow Financial Real Estate Fund II   -19.52%   -18.78%   25.19%   19.82%   Nesirow RE Value Fund IV   0.85%   2.27%   13.10%   N/A   Dune Real Estate Fund III   -2.58%   -40.65%   -12.65%   -11.88%   Dune Real Estate Fund IV, LP   1.82%   0.14%   19.44%   N/A   Landmark Real Estate Partners VII, LP   0.00%   -3.38%   -2.10%   -2.27%   -2.451%   Hall Capital III   -69.69%   -71.43%   -40.79%   -24.51%   Hall Real Estate Fund II, LP   -2.13%   -32.15%   -7.36%   N/A   N/A   Real Estate Partners RE Fund II, LP   -2.13%   -32.15%   -7.36%   N/A   N/A   Real Estate Partners RE Fund II, LP   -0.12%   0.66%   N/A   N/A   Real Estate Partners RE Fund II, LP   -0.12%   0.66%   N/A   N/A   N/A   Ardian Secondary Fund VI   -11.49%   -15.50%   0.98%   6.96%   Ardian Early Secondary Fund VI   0.66%   -5.01%   8.48%   12.23%   ASF VIII L.P.   1.02%   1.60%   11.55%   N/A   Capital Dynamics Global Secondaries Funds IV   -1.00%   -3.51%   -0.88%   5.14%   Capital Dynamics Global Secondaries Funds IV   -1.00%   -3.51%   -0.88%   5.14%   Capital Dynamics Global Secondaries Funds VI   -4.65%   -5.19%   N/A   N/A   Cambridge Associates Private Equity Index   0.00%   0.00%   0.00%   0.00%   0.00%   Cash and Cash Equivalents   Cash   -7.00%   0.0	Portfolio Advisors Real Estate III	-0.32%	0.93%	5.70%	-3.37%
Portfolio Advisors Real Estate V	Portfolio Advisors Real Estae IV	-0.51%	-24.16%	-10.17%	-7.84%
Portfolio Advisors Real Estate VI AG Net Lease Realty III 1.67% 10.18% 8.83% 7.91% AG Realty Value Fund XI 1.952% 1.18.78% 2.51.99% 19.82% Mesirow Financial Real Estate Fund II 1.952% 1.18.78% 2.5.19% 19.82% Mesirow RE Value Fund IV 0.85% 2.27% 13.10% N/A Dune Real Estate Fund III 2.2.58% 0.14% 19.44% N/A Landmark Real Estate Fund IV, LP 1.82% 0.14% 19.44% N/A Landmark Real Estate Fund III 6.69.69% -71.43% -40.79% -24.51% Hall Capital III -69.69% -71.43% -40.79% -24.51% Hall Real Estate Fund II, LP 23.17% -21.33% -7.58% 0.13% Centerbridge Partners V, LP 2.13% -32.15% -7.36% N/A Centerbridge Partners RE Fund II, LP 0.12% 0.66% N/A N/A Real Estste Manager Benchmark -0.67% -10.00% 1.25% 2.65%  Other Assets  Pomona Capital Fund VIII -0.95% -4.37% 5.37% 14.79% Pomona Capital Fund IX 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Ardian Secondary Fund VI 0.66% -5.01% As 48% 12.23% ASF VIII LP. Capital Dynamics Global Secondaries Funds IV -1.00% -3.51% -0.88% 5.14% Capital Dynamics Global Secondaries Funds IV -4.65% -5.19% N/A N/A Cambridge Associates Private Equity Index IFM Global Infrastructure (US) LP 0.98% -6.36% -6.36% 14.22% IFM Global Infrastructure (US) LP 0.98% -6.39% -6.07%  Cash and Cash Equivalents	NCREIF Fund Open End Diversified Core Equity	0.00%	-9.08%	2.17%	3.55%
AG Net Lease Realty III  AG Realty Value Fund XI  AG Realty Value Fund XI  Dune Real Estate Fund III  1.95.2% -18.78% 25.19% 19.82%  Mesirow RE Value Fund IV  Dune Real Estate Fund III  -2.58% -40.65% -12.65% -11.88%  Dune Real Estate Fund IV, LP  1.82% 0.14% 19.44% N/A  Landmark Real Estate Partners VII, LP  0.00% -3.38% -2.10% -2.97%  Hall Capital III  -69.69% -71.43% -40.79% -24.51%  Hall Real Estate Fund II, LP  0.12% 0.66% N/A  Centerbridge Partners RE Fund II, LP  0.12% 0.66% N/A  Real Eststee Manager Benchmark  -0.67% -10.00% 1.25% 2.65%   Other Assets  Pomona Capital Fund VII  Pomona Capital Fund XI  Ardian Secondary Fund VI  Ardian Secondary Fund VI  Capital Dynamics Global Secondaries Funds IV  Capital Dynamics Global Secondaries Funds VI  RIM Global Infrastructure (US) LP  D.98% 3.18% N/A  Ral Book 5.57% 6.36% 1.4.22%  D.959% 6.36%  A N/A  Cambridge Associates Private Equity Index  D.95% 3.18% N/A  Ral Cash Equivalents  Cash and Cash Equivalents  Cash and Cash Equivalents  Cash Cook 5.50%  Total Portfolio  Total Portfolio Net of Fees  1.31% 10.80% 2.74% 8.25%	Portfolio Advisors Real Estate V	-0.48%	-8.91%	-3.30%	-6.94%
AG Realty Value Fund XI  Mesirow Financial Real Estate Fund II  1-19.52% 1-18.78% 25.19% 19.82% Mesirow RE Value Fund IV  0.85% 2.27% 13.10% N/A Dune Real Estate Fund III  -2.58% -40.65% -12.65% -11.88% Dune Real Estate Fund IIV, LP  1.82% 0.14% 19.44% N/A Landmark Real Estate Partners VII, LP  0.00% -3.38% -2.10% -2.97% Hall Capital III  -69.69% -71.43% -40.79% -24.51% Hall Real Estate Fund II, LP  -23.17% -21.33% -7.58% 0.13% TerraCap Partners V, LP  -2.13% -32.15% -7.36% N/A Centerbridge Partners RE Fund II, LP  0.12% 0.66% N/A N/A Real Estate Manager Benchmark  -0.67% -10.00% 1.25% 2.65%  Other Assets  Pomona Capital Fund VIII  -0.95% -4.37% 5.37% 14.79% Pomona Capital Fund X  0.00% 0.00% 0.00% 0.00% Pomona Capital Fund VI Ardian Secondary Fund VI -11.49% -15.50% 0.98% 6.96% Ardian Early Secondary Fund VI 0.66% -5.01% 8.48% 12.23% ASF VIII L.P. 1.02% 1.60% 11.56% N/A Capital Dynamics Global Secondaries Funds IV -1.00% -3.51% -0.88% 5.14% Capital Dynamics Global Secondaries Funds VI -4.65% -5.19% N/A N/A Rambridge Associates Private Equity Index 0.00% 3.62% 6.36% 14.22% IFM Global Infrastructure (US) LP 0.98% 3.18% N/A N/A Blmbg U.S. Tsy Bellwether  0.00% 0.00% 0.00% 0.00%  Cash and Cash Equivalents Cash Total Portfolio Total Portfolio Net of Fees	Portfolio Advisors Real Estate VI	-0.14%	-10.86%	4.05%	4.64%
Mesirow Financial Real Estate Fund II       -19.52%       -18.78%       25.19%       19.82%         Mesirow RE Value Fund IV       0.85%       2.27%       13.10%       N/A         Dune Real Estate Fund III       -2.58%       -40.65%       -12.65%       -11.88%         Dune Real Estate Fund IV, LP       1.82%       0.14%       19.44%       N/A         Landmark Real Estate Partners VII, LP       0.00%       -3.38%       -2.10%       -2.97%         Hall Capital III       -69.69%       -71.43%       -40.79%       -24.51%         Hall Real Estate Fund II       -23.17%       -21.33%       -7.58%       0.13%         TerraCap Partners V, LP       -2.13%       -32.15%       -7.36%       N/A         Centerbridge Partners RE Fund II, LP       0.12%       0.66%       N/A       N/A         Real Estate Manager Benchmark       -0.67%       -10.00%       1.25%       2.65%         Other Assets         Pomona Capital Fund VIII       -0.95%       -4.37%       5.37%       14.79%         Pomona Capital Fund IX       0.00%       0.00%       0.00%       0.00%         Ardian Early Secondary Fund VI       -11.49%       -15.50%       0.98%       6.96%         Ardian	AG Net Lease Realty III	1.67%	10.18%	8.83%	7.91%
Mesirow RE Value Fund IV       0.85%       2.27%       13.10%       N/A         Dune Real Estate Fund III       -2.58%       -40.65%       -12.65%       -11.88%         Dune Real Estate Fund IIV, LP       1.82%       0.14%       19.44%       N/A         Landmark Real Estate Partners VII, LP       0.00%       -3.38%       -2.10%       -2.97%         Hall Capital III       -69.69%       -71.43%       -40.79%       -24.51%         Hall Real Estate Fund II       -23.17%       -21.33%       -7.58%       0.13%         TerraCap Partners V, LP       -2.13%       -32.15%       -7.36%       N/A         Centerbridge Partners RE Fund II, LP       0.12%       0.66%       N/A       N/A         Real Estste Manager Benchmark       -0.67%       -10.00%       1.25%       2.65%         Other Assets         Pomona Capital Fund VIII       -0.95%       -4.37%       5.37%       14.79%         Pomona Capital Fund IX       0.00%       0.00%       0.00%       0.00%         Pomona Capital Fund VI       -1.49%       -15.50%       0.98%       6.96%         Ardian Early Secondary Fund VI       -1.149%       -15.50%       0.98%       6.96%         ASF VIII L.P.	AG Realty Value Fund XI	-2.97%	2.74%	N/A	N/A
Dune Real Estate Fund III	Mesirow Financial Real Estate Fund II	-19.52%	-18.78%	25.19%	19.82%
Dune Real Estate Fund IV, LP	Mesirow RE Value Fund IV	0.85%	2.27%	13.10%	N/A
Landmark Real Estate Partners VII, LP	Dune Real Estate Fund III	-2.58%	-40.65%	-12.65%	-11.88%
Hall Capital III	Dune Real Estate Fund IV, LP	1.82%	0.14%	19.44%	N/A
Hall Real Estate Fund II	Landmark Real Estate Partners VII, LP	0.00%	-3.38%	-2.10%	-2.97%
Hall Real Estate Fund II	Hall Capital III	-69.69%	-71.43%	-40.79%	-24.51%
Centerbridge Partners RE Fund II, LP         0.12%         0.66%         N/A         N/A           Real Estste Manager Benchmark         -0.67%         -10.00%         1.25%         2.65%           Other Assets           Pomona Capital Fund VIII         -0.95%         -4.37%         5.37%         14.79%           Pomona Capital Fund IX         0.00%         0.00%         0.00%         0.00%           Pomona Capital Fund X         5.58%         7.64%         N/A         N/A           Ardian Secondary Fund VI         -11.49%         -15.50%         0.98%         6.96%           Ardian Early Secondary Fund VI         0.66%         -5.01%         8.48%         12.23%           ASF VIII L.P.         1.02%         1.60%         11.56%         N/A           Capital Dynamics Global Secondaries Funds IV         -1.00%         -3.51%         -0.88%         5.14%           Capital Dynamics Global Secondaries Funds VI         -4.65%         -5.19%         N/A         N/A           Cambridge Associates Private Equity Index         0.00%         3.62%         6.36%         14.22%           IFM Global Infrastructure (US) LP         0.98%         3.18%         N/A         N/A           Cash         0.00%         0.00% </td <td>·</td> <td>-23.17%</td> <td>-21.33%</td> <td>-7.58%</td> <td>0.13%</td>	·	-23.17%	-21.33%	-7.58%	0.13%
Centerbridge Partners RE Fund II, LP         0.12%         0.66%         N/A         N/A           Real Estste Manager Benchmark         -0.67%         -10.00%         1.25%         2.65%           Other Assets           Pomona Capital Fund VIII         -0.95%         -4.37%         5.37%         14.79%           Pomona Capital Fund IX         0.00%         0.00%         0.00%         0.00%           Pomona Capital Fund X         5.58%         7.64%         N/A         N/A           Ardian Secondary Fund VI         -11.49%         -15.50%         0.98%         6.96%           Ardian Early Secondary Fund VI         0.66%         -5.01%         8.48%         12.23%           ASF VIII L.P.         1.02%         1.60%         11.56%         N/A           Capital Dynamics Global Secondaries Funds IV         -1.00%         -3.51%         -0.88%         5.14%           Capital Dynamics Global Secondaries Funds VI         -4.65%         -5.19%         N/A         N/A           Cambridge Associates Private Equity Index         0.00%         3.62%         6.36%         14.22%           IFM Global Infrastructure (US) LP         0.98%         3.18%         N/A         N/A           Cash         0.00%         0.00% </td <td>TerraCap Partners V, LP</td> <td>-2.13%</td> <td>-32.15%</td> <td>-7.36%</td> <td>N/A</td>	TerraCap Partners V, LP	-2.13%	-32.15%	-7.36%	N/A
Real Estste Manager Benchmark         -0.67%         -10.00%         1.25%         2.65%           Other Assets           Pomona Capital Fund VIII         -0.95%         -4.37%         5.37%         14.79%           Pomona Capital Fund IX         0.00%         0.00%         0.00%         0.00%           Pomona Capital Fund X         5.58%         7.64%         N/A         N/A           Ardian Secondary Fund VI         -11.49%         -15.50%         0.98%         6.96%           Ardian Early Secondary Fund VI         0.66%         -5.01%         8.48%         12.23%           ASF VIII L.P.         1.02%         1.60%         11.56%         N/A           Capital Dynamics Global Secondaries Funds IV         -1.00%         -3.51%         -0.88%         5.14%           Capital Dynamics Global Secondaries Funds VI         -4.65%         -5.19%         N/A         N/A           Cambridge Associates Private Equity Index         0.00%         3.62%         6.36%         14.22%           IFM Global Infrastructure (US) LP         0.98%         3.18%         N/A         N/A           Blmbg U.S. Tsy Bellwether         2.12%         9.59%         6.39%         6.07%           Cash         0.00%         0.00%	•	0.12%	0.66%	N/A	-
Pomona Capital Fund VIII					
Pomona Capital Fund VIII					
Pomona Capital Fund IX         0.00%         0.00%         0.00%         0.00%           Pomona Capital Fund X         5.58%         7.64%         N/A         N/A           Ardian Secondary Fund VI         -11.49%         -15.50%         0.98%         6.96%           Ardian Early Secondary Fund VI         0.66%         -5.01%         8.48%         12.23%           ASF VIII L.P.         1.02%         1.60%         11.56%         N/A           Capital Dynamics Global Secondaries Funds IV         -1.00%         -3.51%         -0.88%         5.14%           Capital Dynamics Global Secondaries Funds VI         -4.65%         -5.19%         N/A         N/A           Cambridge Associates Private Equity Index         0.00%         3.62%         6.36%         14.22%           IFM Global Infrastructure (US) LP         0.98%         3.18%         N/A         N/A           Blmbg U.S. Tsy Bellwether         2.12%         9.59%         6.39%         6.07%           Cash and Cash Equivalents         0.00%         0.00%         0.00%         0.00%           Total Portfolio         1.31%         10.80%         2.74%         8.25%	Other Assets				
Pomona Capital Fund X   5.58%   7.64%   N/A   N/A   Ardian Secondary Fund VI   -11.49%   -15.50%   0.98%   6.96%   Ardian Early Secondary Fund VI   0.66%   -5.01%   8.48%   12.23%   ASF VIII L.P.   1.02%   1.60%   11.56%   N/A   Capital Dynamics Global Secondaries Funds IV   -1.00%   -3.51%   -0.88%   5.14%   Capital Dynamics Global Secondaries Funds VI   -4.65%   -5.19%   N/A   N/A   N/A   Cambridge Associates Private Equity Index   0.00%   3.62%   6.36%   14.22%   IFM Global Infrastructure (US) LP   0.98%   3.18%   N/A   N/A   N/A   Blmbg U.S. Tsy Bellwether   2.12%   9.59%   6.39%   6.07%   Cash and Cash Equivalents   Cash   0.00%   0.00%   0.00%   0.00%   Total Portfolio   Total Portfolio Net of Fees   1.31%   10.80%   2.74%   8.25%   1.25%	Pomona Capital Fund VIII	-0.95%	-4.37%	5.37%	14.79%
Ardian Secondary Fund VI Ardian Early Secondary Fund VI O.66% -5.01% 8.48% 12.23% ASF VIII L.P. 1.02% 1.60% 11.56% N/A Capital Dynamics Global Secondaries Funds IV Capital Dynamics Global Secondaries Funds VI Capital Dynamics Global Secondaries Funds VI Cambridge Associates Private Equity Index IFM Global Infrastructure (US) LP O.98% 3.18% N/A N/A Blmbg U.S. Tsy Bellwether  Cash 0.00% 0.00% 0.00% 0.00%  Cash and Cash Equivalents Cash Total Portfolio Total Portfolio Net of Fees  1.31% 10.80% 2.74% 8.25%	Pomona Capital Fund IX	0.00%	0.00%	0.00%	0.00%
Ardian Early Secondary Fund VI  ASF VIII L.P.  Capital Dynamics Global Secondaries Funds IV  Capital Dynamics Global Secondaries Funds VI  Capital Dynamics Global Secondaries Funds VI  Cambridge Associates Private Equity Index  IFM Global Infrastructure (US) LP  Blmbg U.S. Tsy Bellwether  Cash  Cash  Cash  Total Portfolio  Total Portfolio Net of Fees  1.31%  10.80%  11.56%  11.56%  N/A  11.56%  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Pomona Capital Fund X	5.58%	7.64%	N/A	N/A
ASF VIII L.P.  Capital Dynamics Global Secondaries Funds IV Capital Dynamics Global Secondaries Funds VI Capital Dynamics Global Secondaries Funds VI Cambridge Associates Private Equity Index IFM Global Infrastructure (US) LP D.98% Blmbg U.S. Tsy Bellwether  Cash and Cash Equivalents  Cash Total Portfolio Total Portfolio Net of Fees  1.31% 10.80% 11.56% N/A 11.56% N/A	Ardian Secondary Fund VI	-11.49%	-15.50%	0.98%	6.96%
ASF VIII L.P.  Capital Dynamics Global Secondaries Funds IV  Capital Dynamics Global Secondaries Funds VI  Capital Dynamics Global Secondaries Funds VI  Cambridge Associates Private Equity Index  IFM Global Infrastructure (US) LP  D.98%  Blmbg U.S. Tsy Bellwether  Cash and Cash Equivalents  Cash  Total Portfolio  Total Portfolio Net of Fees  1.31%  10.80%  11.56%  N/A  11.56%  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Ardian Early Secondary Fund VI	0.66%	-5.01%	8.48%	12.23%
Capital Dynamics Global Secondaries Funds VI       -4.65%       -5.19%       N/A       N/A         Cambridge Associates Private Equity Index       0.00%       3.62%       6.36%       14.22%         IFM Global Infrastructure (US) LP       0.98%       3.18%       N/A       N/A         Blmbg U.S. Tsy Bellwether       2.12%       9.59%       6.39%       6.07%         Cash and Cash Equivalents       0.00%       0.00%       0.00%       0.00%         Total Portfolio       0.00%       0.00%       0.00%       0.00%       0.00%         Total Portfolio Net of Fees       1.31%       10.80%       2.74%       8.25%		1.02%	1.60%	11.56%	N/A
Capital Dynamics Global Secondaries Funds VI       -4.65%       -5.19%       N/A       N/A         Cambridge Associates Private Equity Index       0.00%       3.62%       6.36%       14.22%         IFM Global Infrastructure (US) LP       0.98%       3.18%       N/A       N/A         Blmbg U.S. Tsy Bellwether       2.12%       9.59%       6.39%       6.07%         Cash and Cash Equivalents         Cash       0.00%       0.00%       0.00%       0.00%         Total Portfolio       1.31%       10.80%       2.74%       8.25%	Capital Dynamics Global Secondaries Funds IV	-1.00%	-3.51%	-0.88%	5.14%
Cambridge Associates Private Equity Index       0.00%       3.62%       6.36%       14.22%         IFM Global Infrastructure (US) LP       0.98%       3.18%       N/A       N/A         Blmbg U.S. Tsy Bellwether       2.12%       9.59%       6.39%       6.07%         Cash and Cash Equivalents         Cash       0.00%       0.00%       0.00%       0.00%         Total Portfolio       Total Portfolio Net of Fees       1.31%       10.80%       2.74%       8.25%		-4.65%	-5.19%	N/A	N/A
IFM Global Infrastructure (US) LP       0.98%       3.18%       N/A       N/A         Blmbg U.S. Tsy Bellwether       2.12%       9.59%       6.39%       6.07%         Cash and Cash Equivalents         Cash       0.00%       0.00%       0.00%       0.00%         Total Portfolio       1.31%       10.80%       2.74%       8.25%		0.00%		6.36%	
Blmbg U.S. Tsy Bellwether       2.12%       9.59%       6.39%       6.07%         Cash and Cash Equivalents       0.00%       0.00%       0.00%       0.00%         Total Portfolio       0.00%       0.00%       0.00%       0.00%         Total Portfolio Net of Fees       1.31%       10.80%       2.74%       8.25%	IFM Global Infrastructure (US) LP	0.98%	3.18%	N/A	N/A
Cash         0.00%         0.00%         0.00%         0.00%           Total Portfolio         Total Portfolio Net of Fees         1.31%         10.80%         2.74%         8.25%		2.12%	9.59%	6.39%	6.07%
Cash         0.00%         0.00%         0.00%         0.00%           Total Portfolio         Total Portfolio Net of Fees         1.31%         10.80%         2.74%         8.25%					
Cash         0.00%         0.00%         0.00%         0.00%           Total Portfolio         Total Portfolio Net of Fees         1.31%         10.80%         2.74%         8.25%	Cash and Cash Equivalents	I			
Total Portfolio Net of Fees 1.31% 10.80% 2.74% 8.25%		0.00%	0.00%	0.00%	0.00%
	Total Portfolio				
Policy Index (1) 1.56% 11.94% 3.63% 8.09%	Total Portfolio Net of Fees	1.31%	10.80%	2.74%	8.25%
	Policy Index (1)	1.56%	11.94%	3.63%	8.09%

 $\textbf{Source:} \ \textbf{AndCo Consulting , Report June 30, 2024.} \ \textbf{All returns based on investment industry standards for return calculations.}$ 

# Current Portfolio versus Target Policy Allocation For the Fiscal Years Ended June 30, 2024 and June 30, 2023





# Schedule of Investment Fees For the Fiscal Year Ended June 30, 2024 and 2023

Investment Managers Fees	2024	2023
Domestic Equity	\$ 4,078,880	\$ 4,669,700
Other Equity	2,609,274	1,616,501
International Equity	4,165,765	2,083,016
Domestic Fixed Income	302,803	288,408
Global Fixed Income	1,026,008	1,348,763
Other Fixed Income	2,331,023	4,365,555
Real Estate & Other Assets	6,305,892	6,697,257
Subtotal - Investment Managers Fees	20,819,645	21,069,200
Custodian fee	350,000	251,726
Investment Consultant fee	252,800	262,500
Total Investment Management Fees	\$21,422,445	\$21,583,426

# Schedule of Broker Commissions For the Fiscal Year Ended June 30, 2024

TOTAL - THIS PAGE (PER SHARE IS AVERAGE)

#### **Schedule of Broker Commissions** Base amount Commission **Broker Name \Location Base Commission** Traded **Units Traded** per Share ABEL NOSER 271 1,124,606 8,796 0.03080 **ACADEMY SECURITIES INC** 191 332,128 6,359 0.03000 ASSET TRANSFER NON CASH 175.414.939 4,928,212 0.00000 **AUTREPAT-DISTRIBUTION** 62 0.00000 B.RILEY & CO., LLC 2,057 2,445,995 51,431 0.04000 **BARCLAYS CAPITAL** 2,728 2,028,514 62,636 0.04356 BARCLAYS CAPITAL INC./LE 276 314,532 6,766 0.04083 **BARCLAYS CAPITAL LE** 4,100 9,639,647 150,543 0.02724 BAY CREST PARTNERS, LLC 15,120 33,633,192 419,993 0.03600 BERENBERG CAPITAL MARKETS LLC 369 10,264 0.03596 1,675,430 BERNSTEIN INSTITUTIONAL SERVICES LLC 2,181 8,069,615 78,629 0.02773 476 **BMO CAPITAL MARKETS** 681,949 15,596 0.03052 **BMO NESBITT BURNS INC** 102 843,934 2,030 0.05000 BNP PARIBAS PRIME BROKERAGE ACTING AGENT 3,219 10,923,959 126,027 0.02555 BNP PARIBAS PRIME BROKERAGE, INC. 2,475 4,344,985 49,490 0.05000 **BNP PARIBAS SECURITIES SERVICES** 4,376 4,839,980 108,221 0.04043 **BOFA SECURITIES, INC** 8,652 53,301,680 492,506 0.01757 BOFA SECURITIES, INC. 63,533 273,852,942 5,609,432 0.01133 BOFA SECURITIES, INC. / FIXED INCOME 4,886,408 5,100,000 0.00000 **BONY/TORONTO DOMINION SECURITIES INC** 0.00000 1,266,383 1,292,393 BTIG, LLC 9,774 25,221,856 695,846 0.01405 **CACEIS BANK** 5,399 3,594,075 27,369 0.19727 CANACCORD GENUITY INC. 18,342 50,176,074 555,638 0.03301 CANTOR FITZGERALD + CO. 5,791 10,294,130 456,216 0.01269 CAPITAL CALL 110,189,446 110,189,446 0.00000 CAPITAL INSTITUTIONAL SVCS INC EQUITIES 5,055 3,434,961 144,434 0.03500 CARNEGIE INVESTMENT BANK AB 7.052 5,581,677 148,917 0.04736 5 CASTLEOAK SECURITIES LP 50,084 336 0.01500 CITIGROUP GLOBAL MARKETS EUROPE AG 9 10,694 35 0.24486 CITIGROUP GLOBAL MARKETS INC 5,658 14,057,192 196,024 0.02886 CITIGROUP GLOBAL MARKETS INC SALOMON BRO 2,170,762 2,365,000 0.00000 323 CITIGROUP GLOBAL MARKETS INC. 435,442 6,450 0.05000 CITIGROUP GLOBAL MARKETS LIMITED 264 175,682 645 0.40918 CL KING 163 454,427 8,135 0.02000 CLSA AUSTRALIA PTY LTD 72 47,857 266 0.27026 **CLSA LIMITED** 878 583,898 60,008 0.01464 CLSA SINGAPORE PTE LTD. 77 51,316 120 0.64242

\$168,987

\$816,150,456

Continued on the following page

133,374,215

0.00127

# Schedule of Broker Commissions (continued from previous page) For the Fiscal Year Ended June 30, 2024

#### Schedule of Broker Commissions, continued Commission Base amount **Broker Name\Location Base Commission** Traded **Units Traded** per Share COWEN AND COMPANY, LLC 47,761 161,729,969 1,516,191 0.03150 **CRAIG-HALLUM** 3,444 6,616,040 94,850 0.03631 CREDIT SUISSE SECURITIES (USA) LLC 58 116,480 736 0.07913 DAIWA CAPITAL MARKETS AMERICA INC. 3,381 2,310,610 90,418 0.03740 DAVIDSON D.A. + COMPANY INC. 563 1,511,356 15,300 0.03678 DEUTSCHE BANK SECURITIES INC 14,144 0.04000 566 828,802 DREXEL HAMILTON LLC 98 512,950 10,976 0.00897 **EVERCORE ISI** 8,789 29,222,676 336,260 0.02614 **EXCHANGE OFFER** 30,743 0.00000 1,093,372 **EXCHANGE OFFER (NON CASH)** 3,077,876 52,671 0.00000 FHN FINANCIAL SECURITIES CORP. 829,143 905,000 0.00000 FIRST TENNESSEE SECURITIES CORP 1,522,606 1,585,000 0.00000 FRACTIONAL SHARES 64 0.00000 22,495 879,209 GOLDMAN SACHS + CO LLC 46,295,674 0.02559 GORDON HASKETT CAPITAL CORP 617 806,435 15,416 0.04000 36,407 GUGGENHEIM CAPITAL MARKETS LLC 1,311 4,311,700 0.03600 **GUZMAN AND COMPANY** 3,214 17,332,956 216,106 0.01487 HIBERNIA SOUTHCOAST CAPITAL INC 0.02000 48 38,792 2,375 107 **HSBC BANK PLC** 0.04216 70,923 2,527 HSBC SECURITIES (USA) INC. 99 65,983 153 0.64791 **ICBCFS LLC** 2,241 3,821,350 62,240 0.03600 INCOME REINVESTMENT 184,280,702 4,964,478 0.00000 **INSTINET** 22,208 118,929,599 2,634,944 0.00843 INSTINET LLC 568 21,994,492 184,937 0.00307 INTL FCSTONE FINANCIAL INC 1,139,201 1,186,514 0.00000 INTL FCSTONE FINANCIAL INC./BD RATES 19,881,578 23,533,613 0.00000 INVESTMENT TECHNOLOGY GROUP INC. 0.00750 277,102 1,580 12 J P MORGAN SECURITIES INC 1,372 22.142.729 232.389 0.00591 J.P. MORGAN SECURITIES LIMITED 28 55,081 350 0.07871 J.P. MORGAN SECURITIES LLC 28,288 208,610,138 2,687,297 0.01053 J.P. MORGAN SECURITIES PLC 12.542 0.14544 8,500,366 86,240 JANE STREET EXECUTION SERVICES, LLC 2,610,731 2,780,000 0.00000 JEFFERIES HONG KONG LIMITED 226 150,531 15,465 0.01464 JEFFERIES INTERNATIONAL LTD 1,310 876,136 23,252 0.05633 JEFFERIES LLC 33.179 58.921.092 2,067,987 0.01604 JMP SECURITIES 1,679 10,110,732 44,924 0.03737 JOH. BERENBERG, GOSSLER & CO. KG 1,818 1,219,993 21,459 0.08474 JONESTRADING INSTITUTIONAL SERVICES LLC 2,976 141,222 0.02107 2,395,712 JP MORGAN SECURITIES AUSTRALIA LTD 1,321 931,255 5,228 0.25275 JPMORGAN CHASE BANK, N.A. 86 543,573 4,769 0.01800 120,761 JPMORGAN SECURITIES (ASIA PACIFIC) LTD 77 12,293 0.00628 **KEEFE BRUYETTE + WOODS INC** 1,803 3,621,336 50,507 0.03570 TOTAL - THIS PAGE (PER SHARE IS AVERAGE) \$204,285 \$949,428,600 46,546,170 0.00439

# Schedule of Broker Commissions (continued from previous page) For the Fiscal Year Ended June 30, 2024

ROYAL BANK OF CANADA EUROPE LTD

TOTAL - THIS PAGE (PER SHARE IS AVERAGE)

#### Schedule of Broker Commissions, continued Commission Base amount Broker Name\Location **Base Commission** Traded **Units Traded** per Share KEPLER CA PITAL MARKETS LLC 173 179,414 4,934 0.03500 KEYBANC CAPITAL MARKETS INC 2,212 7,415,098 63,087 0.03507 LEERINK PARTNERS LLC 971 3,656,874 26,036 0.03728 LIQUIDNET CANADA INC 267 19,633 0.01362 1,650,525 LIQUIDNET EUROPE LIMITED 8,453 8,568,663 180,427 0.04685 LIQUIDNET INC 19,926 847,397 0.02351 39,649,087 LOOP CAPITAL MARKETS 1,493 2,964,981 75,178 0.01986 LUMINEX TRADING AND ANALYTICS LLC 3,685 8,209,165 234,847 0.01569 169 LYNCH JOHN 0.00000 16,241 MACQUARIE BANK LIMITED 61 40.608 231 0.26407 MACQUARIE CAPITAL SECURITIES S 523 870,334 83,858 0.00624 MARKETAXESS CORPORATION 13,903,454 15,200,000 0.00000 **MAXIM GROUP** 12 37,991 610 0.02000 17,022 **MERGER** 620,348 0.00000 MERGER NON CASH 1,701,821 15,372 0.00000 MERRILL LYNCH INTERNATIONAL 3.291 45,928 2,339,896 0.07165 MERRILL LYNCH PROFESSIONAL CLEARING CORP 2,504 18,350,703 11,646,867 0.00021 MILLENNIUM ADVISORS LLC 0.00000 315,785 300,000 MIRAE ASSET SEC USA 5,143 142,869 13,439,122 0.03600 MIZUHO SECURITIES USA INC 753 642,191 13,492 0.05578 MIZUHO SECURITIES USA INC. 1,379 2,011,476 42,109 0.03275 MORGAN STANLEY CO INCORPORATED 41,180 169,172,757 1,865,916 0.02207 NATIONAL FINANCIAL SERVICES CORPORATION 1,284 2,721,386 76,109 0.01687 NEEDHAM AND COMPANY LLC 6,990 13,293,780 182,353 0.03833 NORTHERN TRUST COMPANY, THE 22,528 604,774 0.03725 35,344,262 NORTHLAND SECURITIES INC. 578 1,989,390 28,882 0.02000 OPPENHEIMER + CO. INC. 81,999 0.03028 2,483 4,928,988 **PAREL** 1.022 1.701.985 8.375 0.12199 **PERSHING LLC** 3,487 60,936,255 63,772,999 0.00005 PERSHING SECURITIES LIMITED 3,810 71,000 0.05366 3,868,026 750,000 PIERPONT SECURITIES LLC 0.00000 755,084 PIPER JAFFRAY & CO. 31,330 67,545,617 2,940,517 0.01065 R.B.C. DOMINION SECURITIES CORPORATION 1,301 7,275,153 105,890 0.01228 RAYMOND JAMES AND ASSOCIATES INC 4,296 9,239,743 167,934 0.02558 RBC CAPITAL MARKETS, LLC 6,066 10.983.390 944,810 0.00642 **RBC DOMINION SECURITIES INC.** 149 1,110,231 9,259 0.01614 **REDEMPTION** 258,279,802 2,960,338 0.00000 **RETURN OF CAPITAL** 0.00000 42,479,171 42,356,093 ROBERT W. BAIRD CO.INCORPORATED 4.619 12,481,537 258,594 0.01786 ROSENBLATT SECURITIES INC. 3,841 5,622,287 195,413 0.01966 **ROTH CAPITAL PARTNERS LLC** 1,244 1,298,917 33,293 0.03738

443

\$187,497

455,063

\$838,066,600

8,860

146,383,473

0.05000

0.00128

1,229

8,126

5,820

1,085

5,736

1,703,457

457,954

107,597

\$169,985,863

\$496,289,721

288,254

1,869,533

# Schedule of Broker Commissions (continued from previous page) For the Fiscal Year Ended June 30, 2024

**UBS AG** 

**UBS SECURITIES ASIA LTD** 

**UBS SECURITIES LLC** 

**UBS SWITZERLAND AG** 

VIRTU AMERICAS LLC

WEDBUSH SECURITIES INC

WELLS FARGO SECURITIES LLC

WELLS FARGO SECURITIES, LLC

WILLIAM BLAIR & COMPANY L.L.C

WILLIAMS CAPITAL GROUP LP (THE)

TOTAL - THIS PAGE (PER SHARE IS AVERAGE)

**GRAND TOTAL (PER SHARE IS AVERAGE)** 

#### Base amount Commission **Broker Name\Location Base Commission** Traded **Units Traded** per Share SALE OF FRACTIONAL S 78 0.00000 SANFORD C BERNSTEIN CO LLC 6,554 23,495,919 251,252 0.02608 SANFORD C. BERNSTEIN (HONG KONG) LIMITED 0.00000 SANFORD C. BERNSTEIN AND CO. LLC 570 1,305,287 43,824 0.01301 SCOTIA CAPITAL INC 267 1,602,287 24,117 0.01106 SEAPORT G ROUP SECURITIES, LLC 867 2,037,704 43,358 0.02000 SG AMERICAS SECURITIES LLC 2,963 26,239,236 211,563 0.01400 SKANDINAVISKA ENSKILDA BANKEN 526 0.02796 689,492 18,802 SMBC SECURITIES INC 895 597,783 4,200 0.21317 SOCIETE GENERALE 8,088 39,940 0.20251 8,180,636 STATE STREET BANK AND TRUST CO. 25,000,000 546,495 0.00000 STATE STREET GLOBAL MARKETS, LLC 4,889 8,880,423 207.917 0.02351 STEPHENS INC 2,134 11,823,743 10,081,701 0.00021 STIFEL NICOLAUS + CO INC 304,090 0.02735 8,316 22,569,682 STOCKSPLIT NON CASH 11,202,440 141,990 0.00000 STRATEGAS SECURITIES LLC 1,420 3,031,406 39,434 0.03600 SUNTRUST CAPITAL MARKETS, INC. 3,108 6,754,327 83,602 0.03718 **SWITCH IN** 103,140,285 75,000,000 0.00000 **SWITCH OUT** 103,140,285 75,000,000 0.00000 TELSEY ADVISORY GROUP 541,248 0.03524 350 9,935 0.00000 **TENDER OFFER** 799,046 1,000,000 TORONTO DOMINION SECURTIES (USA) INC 1,260,277 1,250,000 0.00000 **TOURMALINE PARTNERS** 797 922,029 39,851 0.02000 TRUIST SECURITIES, INC. 1,078,629 1,195,000 0.00000

429

1,918

34,136

252

41

151

6,882

5,138

1,924

\$97,074

\$657,843

4,460

289,279

301,482

131,859

425,753

12,217,489

17,582,634

5,706,217

\$586,216,956

\$3,189,862,612

9,021,110

1,277,718

174,971,173

Schedule of Broker Commissions, continued

0.34902

0.23598

0.01826

0.04332

0.01547

0.03741

0.02637

0.00404

0.01122

0.01788

0.00057

0.00133

# **Actuarial Section**

- (92) Actuarial Certification Letter
- (94) Summary of Actuary Valuation Results
- (95) Schedule of Active Member Data
- (95) Schedule of Retirants and Beneficiaries Added to and Removed from the Annuity Roll
- (95) Schedule of Funding Progress (Actuarial)
- (96) Solvency Test
- (97) Analysis of Financial Experience
- (98) Summary of Actuarial Assumptions and Methods
- (106) Summary of System Provisions



# **□** DEFINITI

2201 Timberloch Place, Suite 150 The Woodlands, TX 77380 (281) 296-1100 definiti-llc.com

November 21, 2024

Board of Trustees Oklahoma Firefighters Pension and Retirement System6601 Broadway Extension, Suite 100 Oklahoma City, OK 73116

#### **Actuarial Certification**

Definiti has performed an actuarial valuation of the Oklahoma Firefighters Pension and Retirement System (OFPRS) as of July 1, 2024 for the purpose of determining the actuarial contribution rate and calculating and analyzing key financial measurements. Actuarial valuations are performed annually. This valuation reflects the benefit provisions and contribution rates in effect as of July 1, 2024.

This letter represents Definiti's certification of the funding status as required for the financial report for the fiscal year ended June 30, 2024.

In preparing the valuation, we, as the actuary, relied on the data provided by the System. As part of our work, we performed a limited review of the data for consistency and reasonableness and did not find material defects in the member data. The accuracy of the results of our work is dependent on the accuracy of the information provided to us.

All of the information and supporting schedules in the Actuarial Section have been provided by Definiti.

- Summary of Actuary results
- Schedule of Active Member Data
- Schedule of Funding Progress (Actuarial)

- Solvency Test
- Analysis of Financial Experience
- Schedule of Retirants and Beneficiaries Added and Remove

The actuarial assumptions used for these valuations are outlined in the "Assumptions and Methods" section in the valuation report. These assumptions and methods meet the parameters set by the Actuarial Standards of Practice. The assumptions used to develop plan liabilities are based on an experience study that reviewed data from July, 1, 2018 to June 30, 2023. The OFPRS Board of Trustees adopted these assumptions on July 18, 2024. In our opinion, these assumptions generate reasonable valuation results, and the assumptions individually and in the aggregate relate reasonably to the past and anticipated experience of the OFPRS. The actuarial assumptions and methods meet the parameters set for the disclosures presented under the Financial Section by the Government Accounting Standards Board (GASB) and are suitable for use in funding the system. The economic assumptions with respect to investment returns, salary increase, and inflation have been based upon a review of the existing portfolio structure as well as recent and anticipated

experience.

Future actuarial results may differ significantly from the current results presented in our report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. Since the potential impact of such factors is outside the scope of a normal annual actuarial valuation, an analysis of the range of results is not presented.

The undersigned has met the "Qualification Standards for Actuaries Issuing Statementsof Actuarial Opinion in the United States" and is available to respond to any questions regarding the information contained in our report or to provide further details or explanations. In addition, the undersigned is experienced in performing actuarial valuations of public employee retirement systems. Our report has been prepared in accordance with all applicable Actuarial Standards of Practice, and we are available to answer questions about it.

Sincerely,

David A. Sawyer, FSA EA MAAA Director of Actuarial Consulting

# Oklahoma Firefighter Pension & Retirement System Actuarial Section

The Oklahoma Firefighter Pension and Retirement System is funded on a statutory basis, with contribution rates for employee, employer and the non-employer contributing entity established by statute. The Board, in conjunction with advice from the actuary, reviews the adequacy and appropriateness of the funding policy on a long-term basis. The System's actuary annually calculates an actuarially determined contribution (ADC) to assist with this determination. The actuarial section presents data primarily from a funding perspective, which can differ from the results determined for financial reporting purposes in the financial section. The actuarial assumptions used to calculate both the funding perspective and the financial perspective are materially the same. Exhibit III in the Required Supplementary Information portion of the Financial Section presents the ADC required and the contribution effort made toward the ADC by employers and the State of Oklahoma, a non-employer contributing entity.

# Summary of Actuarial Valuation Results As of July 1, 2024

A	ctuarial Valuation	on as of		
July 1	, 2024	July 1, 2023	% Change	
Summary of Costs				
Required State Contributions for Current Year \$ 173,	001,456 \$	151,503,140	14.19	%
Actual State Contributions Received in Prior Year 195,	055,246	167,657,643	16.34	
Funded Status				
Actuarial Accrued Liability \$ 4,694,	324,677 \$	4,426,932,181	6.04	%
Actuarial Value of Assets 3,367,	100,343	3,221,798,286	4.51	
Unfunded Actuarial Accrued Liability 1,327,	224,334	1,205,133,895	10.13	
Funded Ratio	71.7%	72.8%	(1.44)	
Market Value of Assets and Additional Liabilities				
	216,557 \$	3,136,681,733	7.67	0/
, -,- ,		5,169,196,049	5.03	/0
7,423,	302,339	3,109,190,049	3.03	
Summary of Data				
Number of Members in Valuation				
Active Paid & Volunteer Members (vested and not ve	12,175	12,090	0.70	%
Deferred Option Plan Members	2	3	(33.33)	
Terminated Vested Members	2,708	2,601	4.11	
Beneficiaries	2,699	2,668	1.16	
Disabled or Retired Members	9,333	9,227	1.15	
Total	26,917	26,589	1.23	
Active Member Statistics				
	948,222 \$	343,864,832	12.82	%
Average Projected Compensation (b/a) \$	82,877 \$	, ,	10.99	
Average Age	37.3	38.3	(2.61)	
Average Service	12.4	12.4	-	

# Schedule of Active Member Valuation Data

Valuation Date July 1,	Number of Members	Projected Annual Payroll	Projected Average Annual Payroll	Percentage Change in Average Payroll
2015	12,360	293,483,501	63,370	-0.59%
2016	12,365	312,751,104	65,056	2.66%
2017	12,378	313,087,696	67,012	3.01%
2018	12,352	323,111,811	69,790	4.15%
2019	12,347	339,195,248	69,719	-0.10%
2020	12,296	351,343,791	71,828	3.03%
2021	12,240	311,669,661	70,641	-1.65%
2022	12,060	326,963,158	72,594	2.76%
2023	12,090	343,864,832	74,672	2.86%
2024	12,175	387,978,222	82,877	10.99%

# Schedule of Retirants and Beneficiaries Added to and Removed from the Annuity Rolls

	Added	l to Rolls	Removed	from Rolls	Rolls a	t Year End		
Fiscal								Average
Year Ended	Number of	Annual	Number of	Annual	Year End	Annual	Percentage	Annual
June 30,	Additions	Benefits	Removals	Benefits	Roll Count	Benefits	Increase	Benefits
	•		•	_		_		
2022	639	14,599,948	605	7,835,411	11,720	189,137,242	3.7%	16,138
2023	578	11,967,877	403	5,785,480	11,895	195,319,638	3.3%	16,420
2024	510	9,727,059	373	5,379,304	12,032	199,667,393	2.2%	16,595

<sup>\* - 10</sup> years of data was not available at 6/30/2024

# Schedule of Funding Progress (Actuarial Basis)

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) Entry Age (b)	Unfunded AAL (UAAL) (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a % of Covered Payroll ((b-a)/c)
7/1/2015	2,175,729,593	3,344,974,631	1,169,245,038	65.0%	270,535,966	432.2%
7/1/2016	2,292,698,277	3,477,473,104	1,184,774,827	65.9%	273,621,126	433.0%
7/1/2017	2,464,615,244	3,767,195,100	1,302,576,856	65.4%	285,073,253	456.9%
7/1/2018	2,619,169,737	3,845,542,352	1,226,372,615	68.1%	303,090,745	404.6%
7/1/2019	2,756,362,345	3,892,046,591	1,135,684,246	70.8%	307,734,605	369.0%
7/1/2020	2,888,458,063	4,103,055,244	1,214,597,181	70.4%	318,472,051	381.4%
7/1/2021	2,996,605,264	4,179,376,793	1,182,771,529	71.7%	313,345,726	377.5%
7/1/2022	3,129,818,758	4,285,580,433	1,155,761,675	73.0%	326,963,158	353.5%
7/1/2023	3,221,798,286	4,426,932,181	1,205,133,895	72.8%	343,864,832	350.5%
7/1/2024	3,367,100,343	4,694,324,677	1,327,224,334	71.7%	387,948,222	342.1%

# **Solvency Test**

The OFPRS funding objective is to be able to pay long-term benefit promises through contributions that remain approximately level from year to year as a percent of salaries earned by members. In this way, members and employers in each year pay their fair share for retirement service accrued in that year by OFPRS members.

If the retirement system follows level contribution rate financing principles, the system will pay all promised benefits when due – the ultimate test of financial soundness.

A short-term solvency test is one means of monitoring OFPRS funding progress. In a short-term solvency test, the retirement System's present valuation assets are compared with: 1) active member contributions on deposit, 2) the liabilities for future benefits to persons who have retired and the liabilities for terminated employees with vested benefits, and 3) the liabilities for service already rendered by active members. In a system that has been following the discipline of level contribution rate financing, the liabilities for member contributions on deposit (liability 1), the liabilities for future benefits to present retirees and the liabilities for future benefits for terminated employees (liability 2) will be fully covered by present assets, except in rare circumstances.

In addition, the liabilities for service already rendered by members (liability 3) will be partially covered by the remainder of present assets. Generally, if the system has been using level contribution rate financing, the funded portion of liability 3 will increase over time; however, a decrease generally occurs in those years when substantial benefit improvements are granted by the Legislature. It is unusual for liability 3 to be fully funded. The funded ratio of the System based on total actuarial accrued liabilities (1 + 2 + 3) provides an indication of how well the System is funded.

The schedule below illustrates the progress of funding the actuarial accrued liabilities of OFPRS.

# Solvency Test

Aggregate Accrued Liability and Valuation Assets						Portion o	of Accrued I	Liabilities	Funded
		Retirees,	Employer			Cov	ered by As	sets	Ratio of
		Beneficiaries and	Financed						Total
Valuation	Active Member	Terminated	Portion of	Total	Reported				Accrued
Year	Contributions	<b>Vested Members</b>	<b>Active Members</b>	Liability	Assets *		_		Actuarial
July 1,	(Liability 1)	(Liability 2)	(Liability 3)	(1+2+3)	(in thousands)	(1)	(2)	(3)	Liability
2017	224,605,219	2,567,919,494	974,670,387	3,767,195,100	2,464,615,244	100%	100.0%	96.7%	65.4%
2018	237,137,625	2,639,224,585	969,180,142	3,845,542,352	2,619,169,737	100%	87.2%	-33.6%	68.1%
2019	250,250,738	2,720,567,814	921,228,039	3,892,046,591	2,756,362,345	100%	90.3%	-26.5%	70.8%
2020	258,522,621	2,897,414,299	947,118,324	4,103,055,244	2,888,458,063	100%	92.1%	-23.3%	70.4%
2021	267,450,989	2,981,890,761	930,035,043	4,179,376,793	2,996,605,264	100%	90.8%	-28.2%	71.7%
2022	264,749,822	3,102,764,425	918,066,186	4,285,580,433	3,129,818,758	100%	91.5%	-27.2%	73.0%
2023	271,482,284	3,219,062,320	936,387,577	4,426,932,181	3,221,798,286	100%	91.7%	-28.7%	72.8%
2024	290,406,092	3,255,478,571	1,148,440,014	4,694,324,677	3,367,100,343	100%	91.5%	-27.2%	71.7%

<sup>\* -</sup> Actuarial Value of assets based on smoothing technique adopted by the Board

<sup>\*\* - 10</sup> years of data was not available at 6/30/2024

# Analysis of Financial Experience As of July 1, 2024

Expected Actuarial Accrued Liability	
·	¢ 4 42C 022 101
a. Actuarial Accrued Liability at July 1, 2023	\$ 4,426,932,181
b. Normal Cost and Expenses for Plan Year Ended June 30, 2024	72,259,510
c. Benefit Payments for Plan Year Ending June 30, 2024	(338,224,993)
d. Change in Actuary	-
e. Interest on (a), (b), (c) and (d)	324,755,939
f. Change in Actuarial Accrued Liabilty at July 1, 2024 due to changes in Actuarial Assumptions	60,733,376
g. Change in Actuarial Accrued Liability at July 1, 2024 due to changes in System Provisions (ad hoc COLA)	-
h. Expected Actuarial Accrued Liability at July 1, 2024	4,546,456,013
Actuarial Accrued Liability at July 1, 2024	4,694,324,677
Actuarial Liability Gain/(Loss) (1h 2)	(147,868,664)
Expected Actuarial Value of Assets	
a. Actuarial Value of Assets at July 1, 2023	3,221,798,286
b. Contributions Made for Plan Year Ending June 30, 2024	229,824,110
c. Benefit Payments and Expenses for Plan Year Ending June 30, 2024	(340,901,818)
d. Interest on (a + b - c ) to End of Year	237,469,457
e. Expected Actuarial Value of Assets at July 1, 2024	3,348,190,035
	, , ,
Actuarial Value of Assets at July 1, 2024	3,367,100,343
. 13.14.1.4. 14.1.4. 2.1.1.3.1.4 4.1.4.4	3,007,200,010
Actuarial Asset Gain/(Loss) (5 - 4e.)	18,910,308
netauna risset dani (1200) (3 -40.)	10,310,300
Actuarial Gain/(Loss) (3+6)	(128,958,356)
Actuaria Garry (Loss) (3+0)	(120,330,530)

The actuarial gain/(loss) is comprised of both the liability gain/(loss) and the actuarial asset gain/(loss). Each of these represents the difference between the expected and actual values as of July 1, 2024.

# Summary of Actuarial Assumptions and Methods

## **Actuarial Cost Method**

Liabilities and contributions shown in this report are computed using the Individual Entry Age method of funding. Sometimes called the "funding method," this is a particular technique used by actuaries for establishing the amount of the annual actuarial cost of pension benefits, or normal cost, and the related unfunded actuarial accrued liability. Ordinarily the annual contribution to the System is comprised of (1) the normal cost; and (2) an amortization payment on the unfunded actuarial accrued liability.

Under the Entry Age Actuarial Cost Method, the Normal Cost is computed as the level percentage of pay which, if paid from the earliest time each member would have been eligible to join the System had it existed (thus entry age) until his retirement or termination, would accumulate with interest at the rate assumed in the valuation to a fund sufficient to pay all benefits under the System.

The Actuarial Accrued Liability under this method, at any point in time, is the theoretical amount of the fund that would have accumulated had annual contributions equal to the normal cost been made in prior years (it does not represent the liability for benefits accrued to the valuation date). The Unfunded Actuarial Accrued Liability is the excess of the actuarial accrued liability over the actuarial value of System assets on the valuation date.

Under this method, experience gains or losses, i.e. decreases or increases in actuarial accrued liabilities attributable to deviations in experience from the actuarial assumptions, adjust the unfunded actuarial accrued liability.

### **Asset Valuation Method**

The actuarial value of assets is based on a five-year moving average of expected and actual fair values determined as follows:

- at the beginning of each fiscal year, a preliminary expected actuarial asset value is calculated as the sum
  of the previous year's actuarial value increased with a year's interest at the System valuation rate plus
  net cash flow adjusted for interest (at the same rate) to the end of the previous fiscal year;
- the expected actuarial asset value is set equal to the preliminary expected actuarial value plus the unrecognized investment gains and losses as of the beginning of the previous fiscal year;
- the difference between the expected actuarial asset value and the fair value is the investment gain or loss for the previous year;
- the (final) actuarial asset value is the preliminary value plus 20% of the investment gains and losses for each of the five previous fiscal years, but in no case more than 120% of the fair value or less than 80% of the fair value.

## **Amortization Method**

The unfunded actuarial accrued liability is amortized as a level dollar amount over a 5-year open period. Surplus, if any, is amortized as a level dollar amount over a 30-year open period.

# **Valuation Procedures**

The wages used in the projection of benefits and liabilities are pay for the year ending June 30, 2023 (including longevity bonuses). These amounts were projected into the valuation year using the valuation salary scale.

In computing accrued benefits, average earnings were determined using the valuation salary scale. Historical earnings for the past five years have been retained.

Retired Members were assumed to be married according to the probability of marriage assumption. For those in the Baker group, the assumption is 100% married.

The impact from compensation limit under IRC Section 401(a)(17) and from the dollar limitation required by the Internal Revenue Code Section 415 for governmental plans were considered in this valuation and was determined to be *de minimis*.

The calculations for the required state contribution are determined as of mid-year. Since the agency contributions, member contributions and State insurance premium tax allocations are made on a monthly basis throughout the year, a mid-year determination date represents an average weighting of the contributions.

# **Paid Firefighters**

# **Economic Assumptions**

Funding Policy Interest Rate: 7.50% per year net of investment expenses

ASOP No. 4 LDROM Discount Rate 5.38% (based on 6/30/2024 FTSE Index)

Annual Inflation: 2.75%

GASB 67 Discount Rate
7.50% per year

Individual Salary Increases Sample Rates Below:

Attained Service	Inflation %	Merit %	Increase %
0	2.75	11.25	14.00
1	2.75	11.25	14.00
2	2.75	9.75	12.50
3	2.75	6.95	9.70
4	2.75	5.45	8.20
5	2.75	4.65	7.40
10	2.75	2.35	5.10
15	2.75	0.85	3.60
19 or more	2.75	0.00	2.75

# **Demographic Assumptions**

# Mortality:

Active Employees Pre-Retirement Pub-2010 Public Safety Table with generational

mortality improvement using MP-2021

Retired Members
Pub-2010 Public Safety Below Median Table with

generational mortality improvement using Scale

MP-2021

Disabled Members
Pub-2010 Public Safety Disabled Table set forward

two year

# Termination

Graduated Rates. See table below for sample values.

Attained Service	Termination
0	7.00%
1	6.00%
2-3	4.00%
4-6	3.00%
7-11	2.00%
12-18+	1.00%

Disability

Graduated Rates. See table below for sample values.

Attained Age	Disability
20-23	0.00%
24-25	0.10%
26-30	0.20%
31-41	0.70%
42-48	1.30%
49-54	5.70%
55-57	8.70%
58-64	13.20%

5% of disabilities are assumed to be Non-Duty related and 95% are assumed to be Duty related.

# Retirement

# Sample Rates Below:

Attained Service	Annual Rate
20*	2%
21*	2%
22	2%
23	4%
24	6%
35-28	8%
29	9%
30-39	10% to 28%
	(+2%/yr.)
40+	100%

<sup>\*</sup> Not applicable for members hired on or after November 1, 2013.

Assumed Age of Commencement of Deferred Benefits

Later of Age 50 and 20 Years of Service for members hired before November 1, 2013 and Age 50 with 22 Years of Service for members hired on or after November 1, 2013.

Marital Status

90% of all participants are assumed to be married at the time benefits commence. Males are assumed to be three years older than their spouses.

Reserve for Guarantee Interest Rate For DROP Account Balances

For members hired before November 1, 2013, DROP account balances are assumed to earn 3.45% more than the assumed investment return (10.95% currently). The account balances are assumed to be paid out over 10 years for current DROP members and over twenty years for future DROP members.

For members hired on or after November 1, 2013, DROP account balances are assumed to be paid as alump sum upon termination.

# **Other Assumptions**

Deferred Option Plan

The retirement rates reflect both regular retirementand entry into the DROP. 100% of members retirements with at least 25 years of service are assumed to retroactively elect to enter DROP.

Cost of Living Increase Assumption

Members who retired with twenty years of service prior to May 26, 1983 receive an increase of half of the dollar amount of a 2.75% assumed increase in base pay. All other members do not receive a cost of living increase.

**Provision for Expenses** 

Administrative expenses, as budgeted by the Oklahoma Firefighters Pension and RetirementSystem.

**Change in Assumptions** 

Based on the results of the experience study, the following assumptions were updated:

Termination rates Disability ratesRetirement rates Salary increases

Drop interest rate

Mortality projection scale

# **Volunteer Firefighters**

# **Economic Assumptions**

Funding Policy Interest Rate: 7.50% per year net of investment expenses

ASOP No. 4 LDROM Discount Rate 5.35% (based on 6/30/2024 FTSE Index)

Annual Inflation: 2.75%

Benefit Level Increases
No increases

Individual Salary Increases
Not Applicable

# **Demographic Assumptions**

# Mortality:

Active Employees Pre-Retirement Pub-2010 Public Safety Table with generational mortality improvement using MP-2021

mortality improvement using wir 2021

Pub-2010 Public Safety Below Median Table with

generational mortality improvement using Scale

MP-2021

Disabled Members
Pub-2010 Public Safety Disabled Table set forward two

years

Termination Graduated Rates. See table below for sample values.

Attained Service	Termination
0	20.00%
1	18.00%
2	15.00%
3	14.00%
4-6	13.00%
7	11.00%
8	10.00%
9	9.00%
10-12	8.00%
13-15	6.00%
16-17	5.00%
18+	4.00%

# Disability

Graduated Rates. See table below for sample values.

Attained Age	Disability
20-28	0.00%
29-37	0.04%
38-47	0.05%
48-53	0.19%
54-64	0.38%

40% of disabilities are assumed to be Non-Duty related and 60% are assumed to be Duty related.

### Retirement

# Sample Rates Below:

Attained Service	Annual Rate
20*	18%
21*	12%
22-24	12%
25-29	14%
30-33	17%
34-36	25%
37-39	14%
40+	100%

<sup>\*</sup> Not applicable for members hired on or after November 1, 2013.

# Assumed Age of Commencement of Deferred Benefits

Later of Age 50 and 20 Years of Service for members hired before November 1, 2013 and Age 50 with 22 Years of Service for members hired on or after November 1, 2013.

# Marital Status

90% of all participants are assumed to be married at the time benefits commence. Males are assumed to bethree years older than their spouses.

# **Other Assumptions**

entry into the DROP.

Cost of Living Increase Assumption Members are assumed to receive no annual increase in

benefits during retirement.

Provision for Expenses Administrative expenses, as budgeted by the Oklahoma

Firefighters Pension and RetirementSystem.

# **Change in Assumptions**

Based on the results of the experience study, the following assumptions were updated:

Termination rates Disability ratesRetirement rates Salary increases

• Drop interest rate

# **Summary of System Provisions**

### Methods

Valuation Date

July 1, 2024

Asset Valuation Method

An expected FVA is determined equal to the prior year's FVA plus cash flow (excluding investment expenses and realized and unrealized gains and losses) for the year ended on the valuation date and assuming a 7.5% investment return. Any difference in the actual FVA and the expected FVA is amortized over 5 years. The result is constrained to a value of 80% to 120% of the fair value of assets.

Cost Methods:

Funding Policy and GASB 67

The Entry Age Normal Actuarial Cost Method The present value of the projected benefit (PVB) is determined as of the date the member entered the plan (or would have entered if the plan had alwaysbeen in effect). The present value of future salary (PVFS) is also determined at entry age. The percentage of the PVFS represented by the PVB is the level percent of pay which, if contributed every year, would exactly fund the benefit if the valuation actuarial assumptions were realized. The actuarial accrued liability (AAL) is the theoretical value of assets which would result from the accumulation of these contributions from the plan entry until the valuation date.

Changes in Methods

There have been no changes in the actuarial methods from the prior valuation.

Effective Date

Plan Year

Eligibility

**Member Contributions** 

**Employer Contributions** 

**State Contributions** 

The Plan became effective July 1, 1981 and isregularly amended during legislative session.

July 1<sup>st</sup> through June 30<sup>th</sup>

All paid and volunteer firefighters of participating municipalities and fire protection districts.

Paid firefighters contributed 8% of gross salary priorto November 1, 2013. Effective November 1, 2013, paid firefighters contribute 9% of gross salary. No employee contributions are required for volunteer firefighters.

Prior to November 1, 2013, participating municipalities and fire protection districts contributed 13% of gross salary for each paid firefighter and \$60.00 per year for each volunteer firefighter prior to November 1, 2013. Effective November 1, 2013, participating municipalities and fire protection districts contribute 14% of gross salary for each paid firefighter. Municipalities with revenues under \$25,000 make no contribution for volunteer firefighters.

Insurance Premium Tax Allocation. The System received 34% of these collected taxes prior to November 1, 2013. Effective November 1, 2013, the System is received 36% of these collected taxes. Effective September 1, 2020 the System is scheduledto receive the allocation below:

- 25.2% as of September 1, 2020
- 36.0% as of July 1, 2021
- 37.8% as July 1, 2022
- 36.0% as of July 1, 2027

In addition to the change noted above, the System is scheduled to receive \$40,625 each year from July 1, 2022 through June 30, 2027.

#### Credited Service

The period of membership in the Pension System or a predecessor municipal system. Service for members of a fire protection district does not accrue prior to July 1, 1982.

Military service is credited for one term (unless the member is required by law to re-enlist) if the city continues to make contributions on the member's behalf as though he were in actual service, provided that he returns to actual service within the fire department within ninety days of honorable discharge. War veterans shall receive up to five years of credit for military service.

A member who has withdrawn his contributions and later returns to membership may repay the amount withdrawn plus interest as determined by the Board to reinstate participating service which was canceled by his withdrawal

A member may receive credit for up to five years of credited service accumulated by the member while a member of the Oklahoma Police Pension and Retirement System, the Oklahoma Law Enforcement Retirement System, the Teachers' Retirement Systemof Oklahoma, or the Oklahoma Public Employees Retirement System, if the member is not receiving or eligible to receive retirement credit or benefits from said service in any other public retirement system. The cost to buy-back service is determined as the actuarial present value of the benefits attributable tothe service, effective January 1, 1991.

Compensation includes gross salary excluding overtime, payment for accumulated sick or annual leave upon termination, any uniform allowances or reimbursement of out-of-pocket expenses, but excluding any salary reductions pursuant to Section 457 or Section 414(b) of the Internal Revenue Code. Only salary on which the required contributions have been made may be considered.

Highest 30 consecutive months out of the last 60months which produce the highest average

Compensation

Final Average Compensation

Normal Retirement Date

For members hired before November 1, 2013, thefirst day following the day the member completes twenty years of service, regardless of age. For members hired on or after November 1, 2013, thefirst day following the day the member completes twenty-two years of service and is 50 years old.

Normal Retirement Benefit

Paid firefighters receive a monthly benefit equal to 50% of final average compensation.

Late Retirement Benefit

Volunteer firefighters receive \$150.60 per month, effective July 1, 2008.

Benefits continue to accrue for service up to thirty years at the following rates:

Paid firefighters accrue at 2.5% of final average compensation per year of service.

Volunteer firefighters accrue at \$7.53 per month peryear of service

Early Retirement Benefit

None

Disability or Death Benefit

All firefighters are eligible for immediate disability or death benefits. Disabilities due to heart disease, injury to the respiratory system, or cancer are considered in the line of duty. If there is no eligible surviving spouse, the death benefit is divided between the children under age 18 or age 22 if children are enrolled as full-time students.

Paid firefighters receive 2.5% of final average compensation per year of service, with a minimum service credit of twenty years and a maximum of thirty years. For disabilities not in the line of duty, final average compensation is based on sixty monthsinstead of thirty months.

Volunteer firefighters receive \$7.53 per month per year of service, with a maximum of thirty years. For disabilities or deaths in the line of duty, there is a minimum service credit of twenty years.

Termination Benefit:

For members hired before November 1, 2013:

A member who terminates after ten years of credited service is eligible for a vested severance benefit determined by the normal retirement formula, basedon service and salary history to date of termination.

The benefit is payable at age 50 or when the member would have completed twenty years of service, whichever is later, provided the member's contribution accumulate is not withdrawn.

Members terminating with less than ten years of credited service receive a refund of their contribution accumulation without interest.

For members hired on or after November 1, 2013:

A member who terminates after eleven years of credited service is eligible for a vested severance benefit determined by the normal retirement formula, based on service and salary history to date of termination.

The benefit is payable at age 50 or when the member would have completed twenty-two years of service, whichever is later, provided the member's contribution accumulate is not withdrawn.

Members terminating with less than eleven years of credited service receive a refund of their contribution accumulation without interest.

Upon death of an active or retired member on or after July 1, 1999, a \$5,000 lump sum death benefit will be paid to the member's beneficiary, or estate if no beneficiary. The \$5,000 death benefit does not apply to members electing vested termination benefit.

A Joint and 100% Survivor Annuity if the firefighteris married thirty months prior to death.

Lump Sum Death Benefit

Normal Forms of Payment

#### Post-Retirement Adjustments

**Deferred Option Plan** 

Firefighters with twenty years of service as of May 26, 1983, are entitled to post-retirement adjustments equal to one-half the increase or decrease for top stepfirefighters. Pensions will not be adjusted below the level at which the firefighter retired.

A member who is eligible to receive a Normal Retirement Benefit and continues employment may elect to participate in the Deferred Option Plan (DROP). Participation in the DROP shall not exceedfive years. The employees' contributions cease upon entering the Plan, but the employer contributions are divided equally between the Retirement System and DROP. The monthly retirement benefits that the employee is eligible to receive are paid into the DROP account.

A member is allowed to retroactively elect to join the DROP as of a back-drop-date which is no earlier thanthe member's Normal Retirement Date or five years before his termination date. The monthly retirement benefits and employee contributions that would have been payable had the member elected to join the DROP are credited to the member's DROP account with interest.

The retirement benefits are not recalculated for service and salary past the election date to join DROP. However, the benefits may be increased by any applicable cost-of-living increases.

When the member actually terminates employment, the DROP account balance may be paid in a lump sum or as an annuity or any method approved by the Board. Currently the Board's approval method requires at a minimum that interest earnings shall be withdrawn each year. Monthly retirement benefits arethen paid directly to the retired member.

For members hired before November 1, 2013, the DROP account is guaranteed a minimum of the valuation interest rate for investment return, or 2%less than the fund rate of return, if greater.

Deferred Option Plan (continued)

For members hired on or after November 1, 2013, the DROP account is guaranteed a minimum of the valuation interest rate for investment return, or 2% less than the fund rate of return, if greater, while in active DROP. The DROP account is credited with 1% less than the fund rate of return once the member leaves active DROP.

On December 15, 2017, the Board adopted a plan change to require that once a member leaves active DROP, they must receive a distribution each year of any interest earned on the DROP account during theyear.

There have been no changes in the plan provisions since the prior valuation.

**Changes in Plan Provisions** 

# **Statistical Section**

- (114) Statistical Narrative
- (115) Schedule of Changes in Net Position (&Graph)
- (116) Schedule of Revenue by Source
- (116) Schedule of Expenses by Type
- (117) Schedule of Benefits & Refunds by Type
- (117) Funded Ratio (Graph)
- (118) Schedule of Investment Returns by Type (& Graph)
- (119) Schedule of Retired Members by Benefit Type
- (120) Schedule of Average Benefit Payments
- (120) Schedule of Principal Participating Employers
- (121) Schedule of Participating Employers
- (126) Membership Statistics Data



#### Oklahoma Firefighters Pension and Retirement System Statistical Section

This section provides additional detailed information covering extended time spans to facilitate a better understanding of the System's results presented in the financial statements, notes to the financial statements and required supplementary information. Multi-year presentations of financial and operational results help to assess the economic condition and long-term economic stability of the Oklahoma Firefighters Pension and Retirement System (OFPRS).

#### **Financial Trends**

Financial trend information helps determine whether or not the financial position of the System has improved or declined over time. Trend information also provides a long-term comparison of financial activity to assess the affect decisions and changes have had on the System's financial position. The following schedules present financial trend information:

Schedule of Changes in Fiduciary Net Position Schedule of Revenue by Source Schedule of Benefit Payments and Refunds by Type Schedule of Expenses by Type Funded Ratio (Chart)\*

#### **Revenue Capacity**

Revenue capacity information helps assess the System's performance in generating its own-source revenue. As a pension plan, the System generates revenue primarily through investing available assets with the goal of generating investment income and positive investment returns. The following schedule presents revenue capacity information:

Schedule of Rate of Return by Investment Type\*\*

#### **Operating and Demographic Information**

Operating and demographic information helps to assess changes in the System's membership, resources and operating performance over time. This information provides a better understanding of the employers that participate in the System, the size and types of payments made to participants, and the changes to the size of the System's active and retired membership. The following schedules present operating and demographic information:

Schedule of Retired Members by Type of Benefit Schedule of Principal Participating Employers Membership Statistics Data\* Schedule of Average Benefit Payments\* Schedule of Participating Employers

Unless otherwise noted, information is derived from OFPRS internal sources.

- \* Based on schedules and data provided by actuarial consultant, Definiti, LLC.
- \*\*- Based on data provided by investment consultant, Mariner.

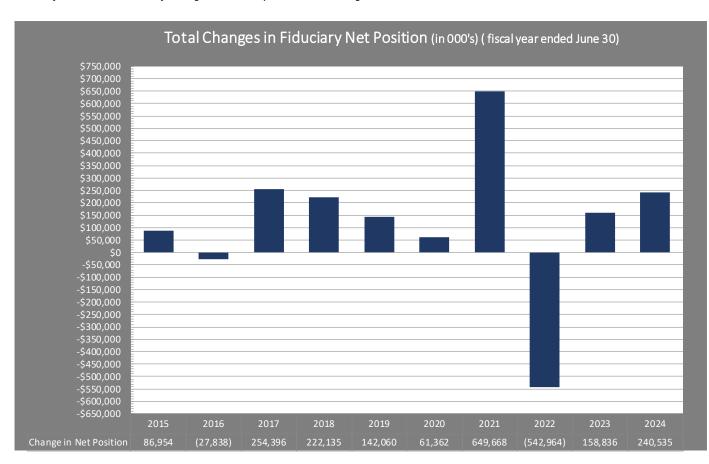
### Schedule of Changes in Fiduciary Net Position (In Thousands)

	Additions					Deductions			
Fiscal			Insurance	Net		Deferred			<b>Total Changes</b>
Year Ended	Member	Employer	Premium	Investment	Benefit	Option	Refund of	Administrative	in Fiduciary
June 30,	Contributions	Contributions	Tax	Income (Loss)	Payments *	Payments**	Contributions	Expenses	Net Position
2015	24,311	38,876	91,236	116,618	144,760	36,717	581	2,029	86,954
2016	24,532	39,174	92,330	14,239	152,609	42,857	653	1,994	(27,838)
2017	25,236	40,326	88,134	302,620	157,248	41,891	393	2,388	254,396
2018	26,087	41,591	100,333	290,166	160,807	72,462	675	2,098	222,135
2019	27,347	43,379	101,700	189,353	167,290	49,569	665	2,195	142,060
2020	28,604	44,915	103,592	109,852	167,989	54,697	758	2,157	61,362
2021	28,634	45,301	72,924	914,534	181,061	228,062	408	2,194	649,668
2022	29,183	45,932	102,442	(409,769)	189,250	118,651	593	2,258	(542,964)
2023	33,966	53,366	114,291	284,304	194,066	130,020	624	2,381	158,836
2024	34,769	54,480	140,575	351,613	199,605	137,890	730	2,677	240,535

Total Cumulative Change in Net Position for the Last 10 Years

\$ 1,245,144

<sup>\*\*\* -</sup> Refer to the Statement of Changes in Fiduciary Net Position on Pg. 22



st - Benefit Payments include survivor and death benefit payments.

<sup>\*\* -</sup> Deferred Option Payments include the Deferred Option and back DROP plans.

# Schedule of Revenue by Source (in Thousands)

Fiscal Year Ended June 30,	Member Contributions	Employer Contributions	Insurance Premium Tax*	Net Investment Income (Loss)**	Total Revenue by Source
2015	24,311	38,876	91,236	116,618	271,041
2016	24,532	39,174	92,330	14,239	170,275
2017	25,236	40,326	88,134	302,620	456,316
2018	26,087	41,591	100,333	290,166	458,177
2019	27,347	43,379	101,700	189,353	361,779
2020	28,604	44,915	103,592	109,852	286,963
2021	28,634	45,301	72,924	914,534	1,061,393
2022	29,183	45,932	102,442	(409,769)	(232,212)
2023	33,966	53,366	114,291	284,304	485,927
2024	34,769	54,480	140,575	351,613	581,437

<sup>\* -</sup> The Oklahoma Firefighters Pension and Retirement System receives a portion of the Insurance Premium Tax (36%) that is assessed and collected by the State of Oklahoma.

## Schedule of Expenses by Type (in Thousands)

Fiscal Year Ended June 30,	Pension Benefits	Death Benefits	Deferred Option Benefits	Refunds	Administrative Expenses	Total
2015	135,448	9,312	36,717	581	2,029	184,087
2016	151,421	1,188	42,587	653	1,994	197,843
2017	156,118	1,130	41,891	393	2,388	201,920
2018	159,597	1,210	72,462	675	2,098	236,042
2019	166,240	1,050	49,569	665	2,195	219,719
2020	166,849	1,140	54,697	758	2,157	225,601
2021	179,666	1,395	228,062	408	2,194	411,725
2022	187,935	1,315	118,651	593	2,258	310,752
2023	192,941	1,125	130,020	624	2,381	327,091
2024	198,475	1,130	137,890	730	2,677	340,902

<sup>\* -</sup> Refer to the Statement of Changes in Fiduciary Net Position on Pg. 22

<sup>\*\* -</sup> Investment income includes both realized and unrealized gains and losses on investments, net of investment expenses.

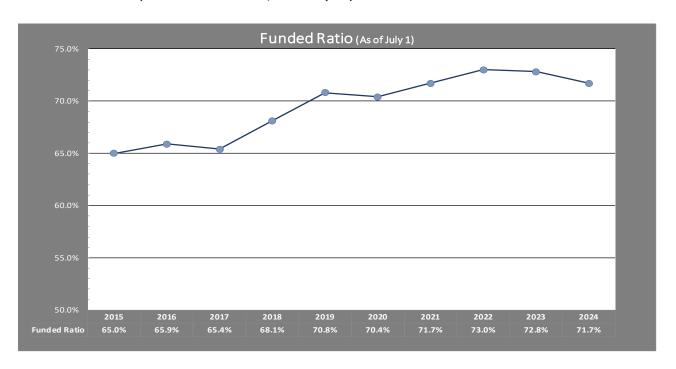
<sup>\*\*\* -</sup> Refer to the Statement of Changes in Fiduciary Net Position on Pg. 22

# Schedule of Benefit Payments and Refunds by Type (in Thousands)

Fiscal	Benefit Payments by Type		Deferred	Deferred Refunds		Total Benefit	
Year Ended	Service		Death	Option		Member	Payments and
June 30,	Retirement	Beneficiaries	Benefit	Benefits*	Withdrawal	Death	Refunds
2015	108,718	26,730	9,312	36,717	581	0	182,058
2016	122,995	28,426	1,188	42,857	653	0	196,119
2017	127,290	28,828	1,130	41,891	393	0	199,532
2018	128,396	31,201	1,210	72,462	675	0	233,944
2019	134,847	31,393	1,050	49,569	665	0	217,524
2020	134,277	32,572	1,140	54,697	758	0	223,444
2021	145,855	33,811	1,395	228,062	408	0	409,531
2022	152,819	35,116	1,315	118,651	593	0	308,494
2023	157,251	35,690	1,125	130,020	624	0	324,710
2024	153,084	45,391	1,130	137,890	730	0	338,225

<sup>\* -</sup> Deferred Option Payments may vary considerably from year-to-year based on the number of members electing this benefit.

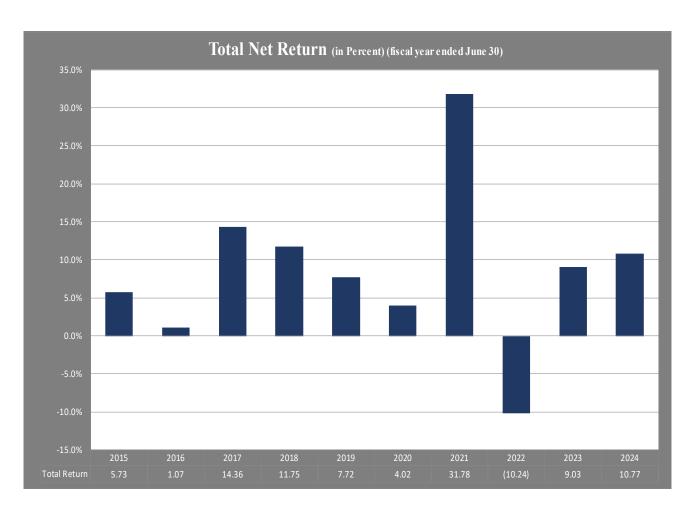
### Funded Ratio (Actuarial Basis, at July 1)



<sup>\*\* -</sup> Refer to the Statement of Changes in Fiduciary Net Position on Pg. 22

## Schedule of Returns by Investment Type (Net, in Percent)

Fiscal Year Ended June 30,	U.S. Equity	International Equity	Other Equity	Fixed Income	Global Fixed Income	Other Fixed Income	Real Estate	Other Assets	Total Return (net of fees)
2015	8.68	(1.30)	0.00	1.77	(5.33)	4.45	14.82	20.20	5.73
2016	(1.01)	(3.32)	0.00	5.96	6.33	(0.60)	11.67	(2.28)	1.07
2017	19.90	(18.43)	25.58	0.05	4.30	6.29	8.81	10.72	14.36
2018	16.79	13.98	(8.68)	0.12	0.05	0.70	8.73	10.60	11.75
2019	10.22	3.81	0.46	6.64	5.00	0.60	7.13	4.44	7.72
2020	5.77	7.86	(35.71)	8.55	0.04	(6.75)	2.66	(1.82)	4.02
2021	47.25	41.02	41.85	0.13	12.94	20.76	2.79	45.25	31.78
2022	(19.36)	(22.76)	23.57	(9.94)	(17.18)	13.19	24.84	28.52	(10.24)
2023	18.13	13.10	13.61	(0.31)	1.56	(2.60)	(5.78)	4.21	9.03
2024	23.93	10.69	14.27	2.30	(3.28)	10.33	(13.76)	0.11	10.77



### Schedule of Retired Members by Type of Benefit For the Fiscal Year Ended June 30, 2024

Monthly Benefit	Number of Retirees and	Nun	nber of Retire	es and Benef	iciaries by Typ	e of Retirem	ent*
Amount	Beneficiaries	1	2	3	4	5	6
\$ 0 - 1,000	6,738	1,378	843	134	128	264	3,991
1,001 - 1,500	491	86	4	66	130	32	173
1,501 - 2,000	736	175	4	28	187	32	310
2,001 - 2,500	935	197	4	16	315	16	387
2,501 - 3,000	840	147	4	6	324	1	358
3,001 - 3,500	671	100	0	0	299	4	268
3,501 - 4,000	614	113	0	0	285	1	215
4,001 - 4,500	451	85	0	0	216	0	150
4,501 - 5,000	243	35	0	0	130	0	78
5,001 - 5,500	148	11	0	0	76	0	61
5,501 - 6,000	77	7	0	0	41	0	29
6,001 - 6,500	39	3	0	0	22	0	14
6,501 - 7,000	20	2	0	0	10	0	8
7,001 - 7,500	14	2	0	0	7	0	5
7,501 - 8,000	6	0	0	0	4	0	2
8,001 - 8,500	4	1	0	0	2	0	1
8,501 - 9,000	2	0	0	0	2	0	0
9,001 - 9,500	2	0	0	0	2	0	0
9,501 - 10,000	1	0	0	0	0	0	1
Totals:	12,032	2,342	859	250	2,180	350	6,051

#### \* Type of Retirement

Type 1 - CONTINUANCE - benefits paid to the beneficiaries of a deceased retired member.

Type 2 - DEFERRED VESTED - accrued benefits paid to members for completing at least 10 years of service, but less than 20.

Type 3 - QUALIFIED DOMESTIC RELATIONS ORDER - court ordered assignment of member benefits to an alternate payee.

Type 4 - DUTY DISABILITY - benefits paid to members disabled in the performance of their duty.

Type 5 - NON-DUTY DISABILITY - benefits paid to members disabled outside the line of duty.

Type 6 - SERVICE - normal retirement benefits paid to members completing at least 20 years of credited service.

## Schedule of Average Benefit Payments

				Years	of Cre	dited S	Servic	e*	
Retirement Effective Dates (Note A)	10	0-15	15	5-20	20	)-25	2	25-30	30+
July 1, 2012 to June 30, 2024									
Period 07/01/20 to 06/30/21									
Average Monthly Benefit	\$	197	\$	319	\$	548	\$	1,725	\$ 2,261
Average Final Average Salary	\$	-	\$	-	\$	-	\$	-	\$ -
<b>Number of Retired Members</b>		20		19		95		57	36
Period 07/01/21 to 06/30/22									
Average Monthly Benefit	\$	343	\$	274	\$	552	\$	1,979	\$ 2,498
Average Final Average Salary	\$	-	\$	-	\$	-	\$	-	\$ -
<b>Number of Retired Members</b>		22		12		73		86	64
Period 07/01/22 to 06/30/23									
Average Monthly Benefit	\$	132	\$	249	\$	663	\$	1,652	\$ 2,940
Average Final Average Salary	\$	-	\$	-	\$	-	\$	-	\$ -
Number of Retired Members		34		16		81		67	38
Period 07/01/23 to 06/30/24									
Average Monthly Benefit	\$	146	\$	222	\$	582	\$	1,898	\$ 2,421
Average Final Average Salary	\$	-	\$	-	\$	-	\$	-	\$ -
Number of Retired Members		21		13		74		70	24

## Schedule of Principal Participating Employers Current Year and Nine Years Prior

	Fi	scal Year 20	24	Fiscal Year 2014				
10 Largest Participating Cities\Municipalities\Towns	Covered Members	Rank	% of Total Covered Members	Covered Members	Rank	% of Total Covered Members		
Oklahoma City	1005	1	21.57%	940	1	22.22%		
Tulsa	731	2	15.69%	666	2	15.74%		
Broken Arrow	176	3	3.78%	150	4	3.55%		
Norman	158	4	3.39%	157	3	3.71%		
Lawton	139	5	2.98%	115	5	2.72%		
Edmond	138	6	2.96%	137	6	3.24%		
Muskogee	92	7	1.97%	91	7	2.15%		
Midwest City	85	8	1.82%	82	8	1.94%		
Enid	80	9	1.72%	83	9	1.96%		
Moore	80	10	1.72%	69	11	1.63%		
Total-10 Largest Employers	2684		57.61%	2490		58.85%		
All Other Cities\Towns	1975		42.39%	1741		41.15%		
Total Covered Members	4659		100.00%	4231		100.00%		

This table presents the ten largest participating employers by number of covered employees in the System.

#### Fire Protection District (28)

Bear Creek Rural
Berryhill Fpd
Blackdog
Bridge Creek Rfd
Cedar Country Fpd
Central Lincoln County #4
Collinsville Rfpd
Country Corner
Deer Creek Fire Prot Dist
Fair Oaks

Foyil Fpd
Gooseneck Bend Fpd
Hickory Hills Fpd
Jacktown Fire District
Limestone Fire Protection Dist
Little Axe Fpd
Monkey Island Fpd
Morgans Corner Fire Prot
Nw Rogers County Fpd

Oak Cliff Fire Prot Dist
Oak Grove Fire Prot Dist
Rfpd 1 Sequoyah County
Richland
Rolling Hills Fpd #1
Stonebluff Fire Prot Dist
Sw Lincoln County Fpd
White Horn V.F.D
Woodcrest Rural

#### Counties (135)

#9 Area Vol Fire Dept Alden Alfalfa Rural Arlington Bennington Bentley Berlin **Bethel Road** Bethel Volunteer Blackgum **Brent Rural Brushy Mountain** Brushy Mountain Volunteer **Buckhorn Fire Department** Bugtussle **Butler County** Caney /Soldier Fire Dept Central High County Chance County Fire Dept **Christie Proctor** Clarita

Dale Township Delhi Dillard Eagle City Eagletown Edgewater Park

Cleora

Cogar

Coleman

Cox Store

Crystal

**Cloud Chief** 

Cowlington

Elmer Rural
Eucha
Fallis
Farris
Fittstown
Friendship
Gans Vol Seq
Grady
Grant
Greasy
Hanna Rural

Happyland **Harmon Community** Harmony Haskell County Hauana Creek Hawley Rural Haywood/Arpelar Hennepin **Hickory Grove** Highway 51 West Hillsdale/Carrier Hochatown Vfd Hogeve Holly Creek-Oak Hill Hulen Isabella Jimtown Joy Katie Keefeton Kenwood Lakemont Shores Lane Lebanon Lee Creek Liberty County Fire Dept Lotawatah County Fire Dpt Lucien Lula Rural Fire Dept Maple Marble City Associtation McKey Sequoyah County Meridian Mid County

Mt View County Murry Spur Nashoba Nelson Nescatunga New Hope Nicut Rural Non North 48 Sunrise Nw Rogers Mills Oak Grove Rural Oil Center Rural Fire Dep Oktaha Area County FD Omega Onapa Orion Orr Payne Pernell Pickett Rural Fire Dept Pine Creek Pioneer Skeleton Plainview Pushmataha Sobol Ranch Drive Reagan Redland Ringold Vfd Roberta Rock Township Rfd Russell Salem/Ryal Sam'S Point Sawyer/Choctaw Sharon Sherwood Fire Dept Silo Sneed Sooner Volunteer Speer

Tiger Mountain
Tupelo
Union Valley
Valley View
Vanoss Rural Fire Dept
Walker
West Tenkiller
Wilson County Fire Dept
Woodford
Yuba
Zena

Tannehill-Scipio-Lakearea

Tia Juana Community Area

Texoma Fire District

Strother

Sumner

Okla	homa Cities, Municipaliti	
Ada	Braggs	Cleveland
Adair	Braman	Clinton
Addington	Bray	Coalgate
Afton	Breckenridge	Colbert
Agra	Bristow	Colcord
Alderson	Broken Arrow	Cole
Aline	Broken Bow	Collinsville
Allen	Bromide	Colony
Altus	Buffalo	Comanche
Alva	Burbank	Commerce
Amber	Burlington	Cooperton
Ames	Burns Flat	Copan
Anadarko	Butler	Cordell
Antlers	Byars	Corn
Apache	Byng	Council Hill
Arapaho	Byron	Covington
Ardmore	Cache	Cow eta
Arkoma	Caddo	Coyle
Arnett	Calera	Crescent
Asher	Calumet	Cromw ell
Atoka	Calvin	Crow der
Atw ood	Camargo	Cushing
Avant	Canadian	Custer City
Barnsdall	Caney	Cyril
Bartlesville	Canton	Dacoma
Bearden	Canute	Davenport
Beaver	Capron	Davidson
Beggs	Carmen	Davis
Bernice	Carnegie	Deer Creek
Bessie	Carney	Del City
Bethany	Carter	Delaw are
Bethel Acres	Cashion	Depew
Big Cabin	Catoosa	Devol
Billings	Cement	Dew ar
Binger	Central High	Dew ey
Bixby	Chandler	Dibble
Blackw ell	Chattanooga	Dickson
Blair	Checotah	Dill City
Blanchard	Chelsea	Dougherty
Bluejacket	Cherokee	Douglas
Boise City	Cheyenne	Dover
Bokchito	Chickasha	Drummond
Bokoshe	Choctaw	Drumright _
Boley	Chouteau	Duncan _
Bosw ell	Claremore	Durant
Bow legs	Clayton	Dustin
Boynton	Cleo Springs	Eakly

#### Oklahoma Cities, Municipalities and Towns (473), Continued

Earlsboro Grayson East Duke Greenfield Edmond Grove ⊟ Reno Guthrie ⊟dorado Guymon ⊟gin Haileyville ⊟k City Hammon ⊟more City Hardesty Empire City Harrah Enid Hartshorne Erick Haskell Eufaula Hastings Fairfax Haw orth Fairland Headrick Fairmont Healdton Fairview Heavener Fanshaw e Helena Fargo Hennessey Fitzhugh Henryetta Fletcher Hickory Forest Park Hinton Forgan Hitchcock Hobart Fort Cobb Fort Gibson Holdenville Foss Hollis Francis Hominy Frederick Hooker Freedom Horntow n Ft Supply How e Gage Hugo Garber Hulbert Gate Hunter Hydro Geary Gene Autry Idabel Geronimo Indiahoma Gertv Inola Glencoe Jay Glenpool Jenks Goldsby Jennings Goltry Jet Goodw ell Jones Gore Kansas

Kaw City

Kellyville

Kendrick

Ketchum

Keota

Gotebo

Granite

Gracemont

Grandfield

Gould

Keyes Kiefer Kildare Kingfisher Kingston Kinta Kiow a Konaw a Krebs Kremlin Lahoma Lamar Volunteer Fire Dept Lamont Langley Laverne Law ton Leedey Lehigh Lenapah Lexington Lindsay Loco Locust Grove Lone Grove Lone Wolf Longdale Lookeba Loyal Luther Macomb Madill Manchester Mangum Manitou Mannford Mannsville Maramec Marietta Marland Marlow Marshall Martha Maud Maysville McAlester McCurtain McLoud

Oklahoma Cities	, Municipalities and Towns	(473). Continued
Medford	Paw nee	Seiling
Meeker	Peoria	Seminole
Meno	Perkins	Sentinel
Miami	Perry	Shady Point
Midw est City	Piedmont	Shattuck
Milburn	Pink	Shaw nee
Mill Creek	Pocola	Shidler
Millerton	Ponca City	Skedee
Minco	Pond Creek	Skiatook
Moore	Porter	Slaughterville
Mooreland	Porum	Snyder
Morris	Poteau	So. Coffeyville
Morrison	Prague	Soper
Mounds	Prue	Spaulding
Mt Park	Pryor	Spavinaw
Muldrow	Purcell	Spencer
Mulhall	Putnam	Sperry
Muskogee	Quapaw	Spiro
Mustang	Quinton	Springer
Mutual	Ralston	Sterling
Nash	Ramona	Stigler
New castle	Randlett	Stillw ater
New kirk	Ratliff City	Stilw ell
Nichols Hills	Rattan	Stonew all
Nicoma Park	Ravia	Stratford
Noble	Red Bird	Stringtow n
Norman	Red Oak	Strong City
Now ata	Red Rock	Stroud
Oaks	Reydon	Stuart
Oakw ood	Ringling	Sulphur
Oilton	Ringwood	Summit
Okarche	Ripley	Sw eetw ater
Okay	Rocky	Taft
Okeene	Roff	Tahlequah
Okemah	Roland	Talihina
Oklahoma City	Roosevelt	Taloga
Okmulgee	Rosedale	Tamaha
Olustee	Rosston	Tecumseh
Optima	Rush Springs	Temple
Orlando	Ryan	Terral
Osage Volunteer	Salina	Texhoma
Ow asso	Sallisaw	Texola
Paden	Sand Springs	The Village
Panama	Sapulpa	Thomas
Paoli	Sasakw a	Tipton
Pauls Valley	Savanna	Tishomingo
Paw huska	Sayre	Tonkaw a

Oklahoma	Cities, Municipalities and Towns (473),	Continued
Town of Mountain View	Wakita	Wellston
Tribbey	Walters	Westport
Tryon	Wanette	Westville
Tullahassee	Wapanucka	Wetumka
Tulsa	Warner	Wew oka
Tushka	Warr Acres	Whitefield
Tuttle	Washington	Wilburton
Tyrone	Watonga	Willow
Union City	Watts	Wilson
Valliant	Waukomis	Wister
Velma	Waurika	Woodw ard
Verden	Wayne	Wright City
Vian	Waynoka	Wyandotte
Vici	Weatherford	Wynnew ood
Vinita	Webbers Falls	Yale
Wagoner	Welch	Yukon
Wainw right	Weleetka	

## Membership Statistics Data

Employer and Member Statistics As of July 1,	2024	2023
Participating Fire Protection Districts, Cities, Municipalities and Towns	636	634
Active Members	12,175	12,090
Deferred Option Members	2	3
Terminated Members with Vested Benefits	2,177	2,090
Retired or Disabled Members	9,333	9,227
Beneficiaries Receiving Benefits	2,699	2,668

Active Member Statistics As of July 1,		2024		2023	
Total Annual Compensation (1)	5	387,948,222		\$ 34	3,864,832
Average Compensation	Ş	82,877		\$	74,672
Average Active Member Age		37.9			38.5
Average Years of Credited Service		12.4			12.6

(1) - Compensation is projected one year based on salary increase assumptions.

Fiscal Year 2024 Refund and Benefit Payment Statistics	Count of Payments Made	Average Amount	
Refunds to Terminated Members	56	\$ 13,033	
Regular Payments to Service Retirement Members	146,100	\$ 1,507	
Payment of Death Benefits to Beneficiaries	250	\$ 5,000	
Payments under the Forward DOP	5,828	\$ 7,254	
Payments under the Back DOP	8,463	\$ 5,522	
Payments under the Payout Provision	-	\$ -	

