Oklahoma Law Enforcement Retirement Plan Administered by Oklahoma Law Enforcement Retirement System

Schedules of Allocations and Pension Amounts by Participating Employer Agency

June 30, 2020 (With Independent Auditors' Report Thereon)





INDEPENDENT AUDITORS' REPORT

Board of Trustees Oklahoma Law Enforcement Retirement System

Report on the Schedules of Allocations and Pension Amounts by Participating Employer Agency

We have audited the individual columns labeled "Employer Agency Allocations" included in the accompanying Schedule of Allocations by Participating Employer Agency and the Schedule of Pension Amounts by Participating Employer Agency (the "Schedules") of the Oklahoma Law Enforcement Retirement Plan (the "Plan"), administered by the Oklahoma Law Enforcement Retirement System, which is a part of the State of Oklahoma financial reporting entity, as of and for the year ended June 30, 2020. We have also audited the total for all entities of the columns titled "Net Pension Liability," "Total Deferred Outflows of Resources," "Total Deferred Inflows of Resources," and "Total Employer Agency Pension Expense, Excluding that Attributable to Employer-Paid Member Contributions and Other Employer-Specified Amounts" ("specified column totals") included in the accompanying Schedules of the Plan as of and for the year ended June 30, 2020, and the related notes to the Schedules.

Management's Responsibility for the Schedules

Management is responsible for the preparation and fair presentation of these Schedules 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 schedules that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express opinions on the individual columns labeled "Employer Agency Allocations" in the Schedules and the specified column totals included in the Schedules based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the individual columns labeled "Employer Agency Allocations" and the specified column totals included in the Schedules are free from material misstatement.

(Continued)

INDEPENDENT AUDITORS' REPORT, CONTINUED

Auditors' Responsibility, Continued

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the individual columns labeled "Employer Agency Allocations" and the specified column totals included in the Schedules. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the individual columns labeled "Employer Agency Allocations" and the specified column totals included in the Schedules, whether due to fraud or error. In making those risk assessments, the auditors consider internal control relevant to the Plan's preparation and fair presentation of the individual columns labeled "Employer Agency Allocations" and the specified column totals included in the Schedules 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, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the individual columns labeled "Employer Agency Allocations" and the specified column totals included in the Schedules.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Opinions

In our opinion, the Schedules referred to above present fairly, in all material respects, the employer agency allocations and net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total employer agency pension expense, excluding that attributable to employer-paid member contributions and other employer-specified amounts, for the total of all participating entities for the Plan as of and for the year ended June 30, 2020, in accordance with accounting principles generally accepted in the United States.

Other Matter

We have audited, in accordance with auditing standards generally accepted in the United States, the financial statements of the Plan as of and for the year ended June 30, 2020, and our report thereon, dated October 12, 2020, expressed an unmodified opinion on those financial statements.

Restriction on Use

Our report is intended solely for the information and use of the Plan's management, the Plan's Board of Trustees, and contributing employer agencies as of and for the year ended June 30, 2020, and their auditors and is not intended to be and should not be used by anyone other than these specified parties.

Finley + Cook, PLLC

Shawnee, Oklahoma February 15, 2021

SCHEDULE OF ALLOCATIONS BY PARTICIPATING EMPLOYER AGENCY

As of and for the Year Ended June 30, 2020

	Employer Agency		Employer			Employer Agency	Employer Agency	Employer Agency	Total Change in	
	Allocation		Allocatio			Change in	Change in	Change in	Proportionate Share of	Amount to Amortize as
		Employer		Employer	2020	Proportion of	Proportion of	Proportion of	June 30, 2019,	Pension Expense at
	Employer	Agency	Employer	Agency	Percentage	June 30, 2019,	June 30, 2019,	June 30, 2019,	Net Pension Liability	June 30, 2020,
	Agency	Allocation	Agency	Allocation	Change in	Net Pension	Deferred	Deferred	Deferred Inflows	Due to Changes in
<u>Entity</u>	Contributions	Percentage	Contributions	Percentage	<u>Proportion</u>	<u>Liability</u>	<u>Inflows</u>	Outflows	and Outflows	<u>Proportion</u>
TOTAL TO BE ALLOCATED	\$ 8,921,728	100.0000%	9,503,466	100.0000%	0.0000%	145,242,846	28,388,746	64,271,022	1,939,619	
OGII	207.447	2.44600/	210.002	2 272 40/	(0.1726)0/	(252.142)	. (40.202)	(111.575)	(100.050)	(26, 420)
OSU	307,447	3.4460%	310,992	3.2724%	(0.1736)%	(252,142)	(49,283)	(111,575)	(189,850)	
ABLE	73,304	0.8216%	128,141	1.3484%	0.5268%	765,139	149,552	338,580	576,111	110,578
OSBI	1,112,113	12.4652%	1,240,364	13.0517%	0.5865%	851,849	166,500	376,949	641,400	123,109
OBND	675,704	7.5737%	608,622	6.4042%	(1.1695)%	(1,698,615)	(332,006)	(751,650)	(1,278,971)	
Pharmacy	17,230	0.1931%	28,587	0.3008%	0.1077%	156,427	30,575	69,220	117,782	22,607
Tourism	176,444	1.9777%	151,720	1.5965%	(0.3812)%	(553,666)	(108,218)	(245,001)	(416,883)	(80,016)
DPS	6,066,449	67.9964%	6,505,647	68.4555%	0.4591%	666,810	130,333	295,068	502,075	96,368
QRTZ	3,279	0.0368%	3,279	0.0345%	(0.0023)%	(3,340)	(653)	(1,478)	(2,515)	(483)
OU Norman	130,496	1.4627%	143,666	1.5117%	0.0490%	71,169	13,910	31,493	53,586	10,285
OU HSC	218,170	2.4454%	236,628	2.4899%	0.0445%	64,633	12,633	28,601	48,665	9,341
GRDA	141,092	<u>1.5814</u> %	145,820	<u>1.5344</u> %	(<u>0.0470</u>)%	(68,264)	(13,343)	(30,207)	(51,400)	(9,866)
	\$ 8,921,728	100.0000%	9,503,466	100.0000%	0.0000%	-	-	-	-	-

Due to the computed percentages being different from the percentages presented, the presented totals may vary due to rounding.

See Independent Auditors' Report.

SCHEDULE OF ALLOCATIONS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

As of and for the Year Ended June 30, 2020

<u>Entity</u>	June 30, 2020, Amount Recorded as Deferred OUTFLOWS Due to Changes in Proportion 2019	June 30, 2020, Amount Recorded as Deferred INFLOWS Due to Changes in Proportion 2019	June 30, 2020, Amount Recorded as Deferred OUTFLOWS Due to Changes in Proportion 2018	June 30, 2020, Amount Recorded as Deferred INFLOWS Due to Changes in Proportion 2018	June 30, 2020, Amount Recorded as Deferred OUTFLOWS Due to Changes in Proportion 2017	June 30, 2020, Amount Recorded as Deferred INFLOWS Due to Changes in Proportion 2017	June 30, 2020, Amount Recorded as Deferred OUTFLOWS Due to Changes in Proportion 2016	June 30, 2020, Amount Recorded as Deferred INFLOWS Due to Changes in Proportion 2016	June 30, 2020, Amount Recorded as Deferred OUTFLOWS Due to Changes in Proportion 2015	June 30, 2020, Amount Recorded as Deferred INFLOWS Due to Changes in Proportion 2015
TOTAL TO BE ALLOCATED	1,567,331	1,567,331	833,941	833,941	487,573	487,573	245,763	245,763	123,193	123,193
OSU	-	153,411	-	32,232	224,644	-	34,579	-	-	1,545
ABLE	465,533	-	49,221	-	-	231,615	36,206	-	-	34,184
OSBI	518,291	-	244,135	-	-	147,915	-	150,667	-	50,908
OBND	-	1,033,487	221,577	-	102,455	-	-	8,484	-	18,942
Pharmacy	95,175	-	57,434	-	-	40,402	-	1,691	-	1,810
Tourism	-	336,867	118,187	-	-	5,954	-	76,331	-	4,262
DPS	405,707	-	-	773,752	-	61,687	107,411	-	80,901	-
QRTZ	-	2,032	-	1,125	1,713	-	1,163	-	-	866
OU Norman	43,301	-	-	26,832	80,073	-	-	8,125	-	1,972
OU HSC	39,324	-	80,778	-	72,775	-	66,404	-	-	8,704
GRDA		41,534	62,609		5,913			465	42,292	- <u>-</u>
	1,567,331	1,567,331	833,941	833,941	487,573	487,573	245,763	245,763	123,193	123,193

Due to the computed percentages being different from the percentages presented, the presented totals may vary due to rounding.

See Independent Auditors' Report.

SCHEDULE OF PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY

As of and for the Year Ended June 30, 2020

	Employer Agend	cy Allocations	Net Pension Liability					Deferred Outflows of	Resources			
Entity	Employer Agency Contributions	Employer Agency Allocation Percentage	June 30, 2020, Net Pension Liability @ 7.5% Discount	Differences Between Expected and Actual Plan Experience	Net Difference Between Projected and Actual Plan Investment Earnings on Pension Plan Investments	Changes in Assumptions	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2019	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2018	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2017	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2016	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2015	Total Deferred Outflows of <u>Resources</u>
TOTAL TO BE ALLOCATED	\$ 9,503,466	100.0000%	216,045,235	17,859,011	70,631,366	297,397	1,567,331	833,941	487,573	245,763	123,193	92,045,575
OSU ABLE OSBI OBND Pharmacy Tourism DPS QRTZ OU Norman OU HSC GRDA	310,992 128,141 1,240,364 608,622 28,587 151,720 6,505,647 3,279 143,666 236,628 145,820	3.2724% 1.3484% 13.0517% 6.4042% 0.3008% 1.5965% 68.4555% 0.0345% 1.5117% 2.4899% 1.5344%	7,069,864 2,913,154 28,197,576 13,835,969 649,864 3,449,162 147,894,846 74,536 3,265,956 5,379,310 3,314,998	584,418 240,811 2,330,905 1,143,727 53,720 285,119 12,225,474 6,161 269,975 444,672 274,029	2,311,341 952,393 9,218,594 4,523,374 212,459 1,127,630 48,351,055 24,368 1,067,734 1,758,650 1,083,768	9,732 4,010 38,815 19,046 895 4,748 203,584 103 4,496 7,405 4,563	465,533 518,291 - 95,175 - 405,707 - 43,301 39,324	49,221 244,135 221,577 57,434 118,187 - - 80,778 62,609	224,644 - - 102,455 - - 1,713 80,073 72,775 5,913	34,579 36,206 - - - 107,411 1,163 - 66,404	80,901 - - 42,292	3,164,714 1,748,174 12,350,740 6,010,179 419,683 1,535,684 61,374,132 33,508 1,465,579 2,470,008 1,473,174
	\$ 9,503,466	100.0000%	216,045,235	17,859,011	70,631,366	297,397	1,567,331	833,941	487,573	245,763	123,193	92,045,575

Due to the computed percentages being different from the percentages presented, the presented totals may vary due to rounding.

See Independent Auditors' Report.

OKLAHOMA LAW ENFORCEMENT RETIREMENT PLAN Administered by

OKLAHOMA LAW ENFORCEMENT RETIREMENT SYSTEM

SCHEDULE OF PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

As of and for the Year Ended June 30, 2020

Deferred Inflows of Resources

<u>Entity</u>	Differences Between Expected and Actual Plan Experience	Net Difference Between Projected and Actual Plan Investment Earnings on Pension Plan Investments	Changes in Assumptions	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2019	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2018	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2017	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2016	Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions 2015	Total Deferred Inflows of Resources
TOTAL TO BE ALLOCATED	3,398,283	12,779,715	-	1,567,331	833,941	487,573	245,763	123,193	19,435,799
OSU	111,205	419 202		153,411	32,232	224 644		1 5 4 5	941,240
ABLE		418,203 172,322	-	133,411	32,232	224,644	-	1,545 34,184	
OSBI	45,822	,	-	-	-	-	150 667		252,328
	443,534	1,667,970	-	1 022 497	-	100 455	150,667	50,908	2,313,079
OBND	217,633	818,439	-	1,033,487	-	102,455	8,484	18,942	2,199,440
Pharmacy	10,222	38,441	-	226.067	-	-	1,691	1,810	52,164
Tourism	54,254	204,028	-	336,867	-	-	76,331	4,262	675,742
DPS	2,326,312	8,748,418	-	-	773,752	-	-	-	11,848,482
QRTZ	1,172	4,409	-	2,032	1,125	1,713	-	866	11,317
OU Norman	51,372	193,191	-	-	26,832	80,073	8,125	1,972	361,565
OU HSC	84,614	318,202	-	-	-	72,775	-	8,704	484,295
GRDA	52,143	196,092		41,534		5,913	465	_	296,147
	3,398,283	12,779,715		1,567,331	833,941	487,573	245,763	123,193	19,435,799

Due to the computed percentages being different from the percentages presented, the presented totals may vary due to rounding.

See Independent Auditors' Report.

OKLAHOMA LAW ENFORCEMENT RETIREMENT PLAN Administered by

OKLAHOMA LAW ENFORCEMENT RETIREMENT SYSTEM

SCHEDULE OF PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

As of and for the Year Ended June 30, 2020

				Pension Expense, Ex	cluding That Attributable to			
			Employ	er-Paid Member Contributio	ns and Other Employer-Speci	ified Amounts		
								Total Employer
		Net Amortization of	Net Amortization of	Net Amortization of	Net Amortization of	Net Amortization of	Net Amortization of	Agency Pension
		Deferred Amounts from	Deferred Amounts from	Deferred Amounts from	Deferred Amounts from	Deferred Amounts from	Deferred Amounts from	Expense, Excluding
		Changes in Proportion	Changes in Proportion	Changes in Proportion	Changes in Proportion	Changes in Proportion	Changes in Proportion	that Attributable to
		and Differences	and Differences	and Differences	and Differences	and Differences	and Differences	Employer-Paid
	Proportionate	between Employer	between Employer	between Employer	between Employer	between Employer	between Employer	Member Contributions
	Share of	Agency Contributions	Agency Contributions	Agency Contributions	Agency Contributions	Agency Contributions	Agency Contributions	and Other
	Plan Pension	and Proportionate	and Proportionate	and Proportionate	and Proportionate	and Proportionate	and Proportionate	Employer-Specified
<u>Entity</u>	<u>Expense</u>	Share of Contributions	Share of Contributions	Share of Contributions	Share of Contributions	Share of Contributions	Share of Contributions	<u>Amounts</u>
mom47 mo pp		<u>2019</u>	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	
TOTAL TO BE	67,960,823			-	-			67,960,823
ALLOCATED								, ,
OSU	2,223,950	(36,439)	(9,370)	86,735	23,522	(2,529)	(32,304)	2,253,565
ABLE	916,384	110,578	14,308	(89,427)	24,631	(56,042)	11,257	931,689
OSBI	8,870,043	123,109	70,969	(57,109)	(102,496)	(83,456)	11,409	8,832,469
OBND	4,352,347	(245,484)	64,412	39,558	(5,773)	(31,055)	3,601	4,177,606
Pharmacy	204,426	22,607	16,696	(15,600)	(1,152)	(2,968)	(2,689)	221,320
Tourism	1,084,995	(80,016)	34,356	(2,298)	(51,924)	(6,989)	12,685	990,809
DPS	46,522,920	96,368	(224,926)	(23,816)	73,072	132,626	(11,672)	46,564,572
QRTZ	23,446	(483)	(327)	661	792	(1,418)	(3,175)	19,496
OU Norman	1,027,364	10,285	(7,800)	30,916	(5,528)	(3,231)	4,282	1,056,288
OU HSC	1,692,157	9,341	23,482	28,098	45,173	(14,270)	(19,734)	1,764,247
GRDA	1,042,791	(9,866)	18,200	2,282	(317)	69,332	26,340	1,148,762
	67,960,823			-				67,960,823

Due to the computed percentages being different from the percentages presented, the presented totals y vary due to rounding.

See Independent Auditors' Report.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY

June 30, 2020

(1) SYSTEM STRUCTURE AND OPERATIONS

The Oklahoma Law Enforcement Retirement System (the "System") is administrator of the Oklahoma Law Enforcement Retirement Plan (the "Plan"), a single-employer, cost-sharing defined benefit pension plan established by Oklahoma statutes. The Plan is a part of the financial reporting entity of the State of Oklahoma (the "State"). Currently, agencies and/or departments who are members of the System are the Oklahoma Highway Patrol and Capitol Patrol of the Department of Public Safety (DPS), the Oklahoma State Bureau of Investigation, the Oklahoma State Bureau of Narcotics and Dangerous Drugs Control, the Alcoholic Beverage Law Enforcement Commission, certain members of the Grand River Dam Authority, certain members of the DPS Communications Division, the DPS Waterways Lake Patrol Division, park rangers, park managers, and park supervisors of the Oklahoma Tourism and Recreation Department, inspectors of the Oklahoma State Board of Pharmacy, and Oklahoma University and Oklahoma State University campus police officers.

This report was prepared to provide participating employer agencies with additional information needed to comply with the financial reporting requirements promulgated under Governmental Accounting Standards Board Statement No. 68, *Accounting and Financial Reporting for Pensions—an amendment of GASB Statement No.* 27 (GASB 68). The System's annual financial statements, located at www.olers.state.ok.us, contain additional information not included within the scope of this report. Participating employer agencies will need to reference this report and the System's financial statements to fully comply with the disclosure requirements of GASB 68.

This report provides specific detailed information and should be utilized by the System's participating employer agencies to assist with the preparation of their financial statements. Data provided in this report is limited in time, nature, and scope and does not provide complete financial information related to the System or its participating employer agencies.

As interpreted through GASB 68, the State is considered a non-employer contributing entity. The State contributes a portion of the insurance premium tax collected through its taxing authority. This contribution is 5% of insurance premium tax collected by the State. See Note 6 for a discussion of legislative changes impacting insurance premium tax. In addition, the Plan also receives 1.2% of all fees, taxes, and penalties collected by motor license agents. For the fiscal year ended June 30, 2020, the State's contribution to the System totaled \$24,382,470. As a non-employer contributing entity, no portion of the net pension liability has been allocated directly to the State as a result of this contribution. The state agencies listed on the Schedule of Allocations by Participating Employer Agency (the "Schedules") have been allocated their proportionate share of the net pension liability and other related pension amounts.

See Independent Auditors' Report.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(2) ESTIMATES, CONSIDERATION OF VOLATILITY, AND KEY DATES

The Schedules present amounts that are considered elements of the financial statements of the Plan or its participating employers. Accordingly, they do not purport to be a complete presentation of the financial position or changes in financial position of the Plan or the participating employers. The amounts presented in the Schedules were prepared in accordance with accounting principles generally accepted in the United States. Such preparation requires management of the Plan to make a number of estimates and assumptions that affect reported amounts, and changes therein, and disclosures. Due to the inherent nature of these estimates, actual results could differ from these estimates and differences could be material.

Due to the long-term nature of defined-benefit pension plans, certain amounts, including the net pension liability, are based on actuarial mathematical models and estimates that project future expectations. The Schedules provide results for a specific point in time, and changes in estimates, investment performance, and future cost expectations can have a material impact on the information presented from one year to the next.

Measurement Date and Valuation Date—The System has an annual actuarial valuation that coincides with its fiscal year end. The measurement date and valuation date covered by this valuation is June 30, 2020. The System's actuarial report is dated July 1, 2020.

Expected Remaining Service Life of Members—Certain deferred inflow and deferred outflow calculations require amortization over the remaining service life of the System's members, including retirees. For the fiscal year ended June 30, 2020, the membership's remaining service life was 5.21 years.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) SCHEDULES' COMPONENTS

The Plan requires participating employers in the Plan to recognize their proportionate share of the collective net pension liability, collective deferred outflows of resources, collective deferred inflows of resources, and collective pension expense, excluding that attributable to employer-paid member contributions and other employer-specified amounts. The employer allocation percentages presented in the Schedules are based on the ratio of the contributions as an individual employer to total contributions to the Plan during the years ended June 30, 2020 and 2019. In addition, employer contributions for employer agencies participating in other postemployment benefits (OPEB) were reduced by the portion of contributions allocated to OPEB by the Plan. Employer allocation percentages have been rounded for presentation purposes; therefore, amounts presented in the Schedules may result in immaterial differences.

Employer Agency Allocations

Employer Agency Contributions

Employer agency contributions represent each participating employer agency's contributions to the Plan for the fiscal year.

Employer Agency Allocation Percentage

The employer agency allocation percentage represents the portion of each individual employer agency's contributions for the fiscal year divided by the total of all employer agency contributions for the fiscal year. This percentage represents each employer agency's proportionate share of the pension amounts presented in the Schedules.

<u>2020 Percentage Change in Proportion</u> shows the difference between each employer agency's proportion determined for fiscal year 2020 and that of fiscal year 2019.

<u>Employer Agency Change in Proportion of June 30, 2019, Net Pension Liability</u> represents each employer agency's increase or decrease in proportionate share of the net pension liability calculated for fiscal year 2019.

<u>Employer Agency Change in Proportion of June 30, 2019, Deferred Inflows</u> represents each employer agency's increase or decrease in proportionate share of the deferred inflows determined in fiscal year 2019.

<u>Employer Agency Change in Proportion of June 30, 2019, Deferred Outflows</u> represents each employer agency's increase or decrease in proportionate share of the deferred inflows determined in fiscal year 2019.

See Independent Auditors' Report.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) SCHEDULES' COMPONENTS, CONTINUED

<u>Inflows and Outflows</u> shows the combined total of proportionate share changes for each employer agency for fiscal year 2019. This change in proportion is then amortized over the remaining service life of the System's members, with the remaining unamortized balance presented as either a deferred inflow or deferred outflow due to changes in proportion.

Net Pension Liability

The total pension liability was calculated using a discount rate of 7.5%. For the fiscal year ended June 30, 2020, the System had a net pension liability of \$216,045,235 to be allocated proportionately among participating employer agencies. The System's net pension liability at June 30, 2020, was calculated as follows:

Total pension liability	\$ 1,219,707,433
Plan fiduciary net position	1,003,662,198
Employer agencies' net pension liability	\$ 216,045,235
Plan fiduciary net position as a percentage	
of the total pension liability	82.29%

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) <u>SCHEDULES' COMPONENTS, CONTINUED</u>

Net Pension Liability, Continued

<u>Actuarial Assumptions</u>—The total pension liability was determined by an actuarial valuation as of July 1, 2020, using the following actuarial assumptions, applied to all prior periods included in the measurement:

Inflation: 2.75%

Salary increases: 3.50% to 9.75%, including inflation

Investment rate of return: 7.5%, compounded annually, net of

investment expense, and including inflation

Mortality: Pre-retirement mortality rates were based on

the RP-2014 Blue Collar Healthy Employees with Generational Projection using Scale

MP-2016. Post-retirement mortality rates were based on the same table as pre-retirement

mortality. Disability mortality rates were based on the RP-2014 Blue Collar Table with

no projection from 2006 base rates.

Actuarial cost method: Entry age

The actuarial assumptions used in the July 1, 2020, valuation were based on the results of an actuarial experience study for the period July 2012 to June 2016.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) <u>SCHEDULES' COMPONENTS, CONTINUED</u>

Net Pension Liability, Continued

<u>Long-Term Expected Real Rate of Return</u>—The long-term expected rate of return on pension plan 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 2.75% for 2020. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of June 30, 2020, are summarized in the following table:

		Long-Term
		Expected
	Target	Real Rate
Asset Class	Allocation	of Return
		(Includes inflation
		factor)
Fixed income:		
Core bonds	10.00%	5.35%
Multisector	10.00%	6.18%
Global bonds	10.00%	5.12%
Equities:		
U.S. large cap equity	20.00%	9.89%
U.S. small cap equity	10.00%	11.18%
International developed equity	10.00%	10.89%
Emerging market equity	5.00%	12.23%
Long/Short equity	10.00%	8.21%
Private equity	5.00%	13.17%
Real assets:		
Core real estate	7.00%	9.48%
Commodities	3.00%	10.98%
		
	100.00%	

See Independent Auditors' Report.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) <u>SCHEDULES' COMPONENTS, CONTINUED</u>

Net Pension Liability, Continued

<u>Discount Rate</u>—The discount rate used to measure the total pension liability was 7.5% for 2020. 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 employer agencies will be made at contractually required rates, determined by the State statutes. Projected cash flows also assume the State will continue contributing 5% of the insurance premium, as established by statute, and the System will continue to receive its share of fees, taxes, and penalties from motor license agents. Based on these assumptions, the pension 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 pension plan 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 System's net pension liability calculated using the current discount rate of 7.5%, as well as what it would be using a discount rate 1% lower (6.5%) and 1% higher (8.5%).

	1% Decrease in		1% Increase in
	Discount Rate	Current Discount	Discount Rate
	(6.5%)	Rate (7.5%)	(8.5%)
Employer agencies' net pension liability	\$ 363,207,158	216,045,235	95,221,255

The Schedules present the net pension liability at the current discount rate.

Deferred Outflows and Inflows of Resources

Certain differences that occur from year to year in the calculation of the net pension liability and the net pension expense require amortization and recognition in future years. The following types of differences can result in a deferred outflow or deferred inflow of resources. Due to the variability of results that will affect the Plan, deferred inflows and outflows of resources may vary significantly between years. Additionally, certain deferrals may have both inflow and outflow components that are amortized over future years.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) SCHEDULES' COMPONENTS, CONTINUED

Deferred Outflows and Inflows of Resources, Continued

Differences between Expected and Actual Plan Experience

This difference occurs when the System's actuarial estimate of the Plan's experience costs for a given period differs from the actual experience costs. This is usually the result of differences in the make-up of retirees, the dates chosen to retire, the longevity of System's members, or other similar demographic factors. The most recent actuarial experience study for the System was for the period from July 1, 2012 to June 30, 2016. Actuarial experience studies are generally performed every 5 years. For the fiscal year ended June 30, 2020, the System experienced a loss over expected experience, resulting in a system-wide deferred outflow for plan experience of \$10,418,879. System-wide deferred inflows and outflows that result from plan experience differences are divided by the expected remaining service life of its members, which was calculated as of the beginning of the measurement date to be 5.21 years, and amortized over that period, with the current year amount included in the determination of pension expense. For fiscal year 2020, \$1,999,785 was included as a component of the calculation for pension expense, with the remaining balance of \$8,419,094 recognized as a deferred outflow. Each employer agency's proportionate share was multiplied by this amount to determine the remaining balance of deferred outflows attributable to plan experience differences for fiscal year 2020.

Net Difference between Projected and Actual Plan Investment Earnings on Pension Plan Investments

Each annual actuarial valuation estimates the projected return for the Plan. Net differences between this estimate and the actual investment earnings for a given year are included as either a deferred inflow when actual investment earnings exceed the estimate or a deferred outflow when actual investment earnings are less than the estimate. This difference is then amortized over a fixed 5-year period for each unique fiscal year. For fiscal year 2020, the System's estimated investment return was \$75,310,795. Actual investment earnings for fiscal year 2020 were \$12,480,383, resulting in a loss of 62,830,412 over the expected return. This amount is amortized over 5 years, resulting in \$12,566,082 used as a component of pension expense for fiscal year 2020, with the remaining balance of \$50,264,330 to be amortized over the next 4 years as deferred outflows. These are collective plan amounts and are multiplied by each employer agency's proportionate share to determine each employer agency's allocation of this amount.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) <u>SCHEDULES' COMPONENTS, CONTINUED</u>

Deferred Outflows and Inflows of Resources, Continued

Changes in Assumptions

On occasion, as the result of an experience study or other actuarial considerations, certain assumptions used for estimates may need to be changed. When this occurs, the Plan will generally experience an increase or decrease in either deferred inflows or deferred outflows. For the fiscal year ended June 30, 2020, no changes in assumptions were made regarding the determination of the Plan's liabilities.

Changes in Proportion and Differences between Employer Agency Contributions and Proportionate Share of Contributions

A change in an employer agency's proportion can occur due to changes in the membership of participating employer agencies, new employer agencies joining the System, or other factors affecting the contributions of a participating employer agency in relation to all participating employer agencies. When a change in proportion occurs, the participating employer agency will experience an increase or decrease in either deferred inflows or outflows during the period the change occurs, with an offsetting effect on pension expense. The Schedule of Employer Allocations by Participating Employer Agency presents this change in proportion between the periods ended June 30, 2019, and June 30, 2020 Proportionate changes are then multiplied by the June 30, 2019, net pension liability, deferred inflows, and deferred outflows to determine the net effect of a change in proportion of each employer agency's pension expense for the current year as well as remaining deferred inflows or deferred outflows to be amortized over future periods.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) SCHEDULES' COMPONENTS, CONTINUED

Deferred Outflows and Inflows of Resources, Continued

The following table (the table excludes any employer-specific amounts or other employer-specified amounts) presents the fiscal amounts determined and their effect on pension expense, deferred inflows, and deferred outflows, respectively, as well as remaining unamortized deferred balances and the period of amortization at June 30, 2020:

or amortization at June 30, 20.	20.				
		Amount Included in	Deferred	Deferred	
		2020 Pension	Outflows	Inflows	Amortization
	Total Fiscal	Expense	Balance for	Balance for	Period
	(Gains)/Losses	<u>Calculation</u>	2020	2020	(Years)
Changes in Assumptions	(Guins)/ Losses	<u>carculation</u>	<u>2020</u>	2020	<u>(Tears)</u>
2014	\$ -	-	_	_	-
2015	· -	-	-	-	-
2016	-	-	-	-	-
2017	1,106,642	202,311	297,397	-	5.47
2018	-	-	-	-	_
2019	-	-	-	-	-
2020	-	-	-	-	-
Differences Between Expected					
and Actual Experience					
2015	51,089,996	5,797,447	-	-	5.64
2016	6,137,500	1,094,029	667,358	-	5.61
2017	(2,306,866)	(421,731)	-	(619,944)	5.47
2018	(5,996,493)	(1,072,718)	-	(2,778,339)	5.59
2019	13,872,884	2,550,162	8,772,559	-	5.44
2020	10,418,879	1,999,785	8,419,094	-	5.21
Differences Between Projected					
and Actual Earnings					
2016	88,668,553	17,733,709	-	-	5.00
2017	(43,264,416)	(8,652,883)	-	(8,652,883)	5.00
2018	(10,317,080)	(2,063,416)	-	(4,126,832)	5.00
2019	33,945,061	6,789,012	20,367,036	-	5.00
2020	62,830,412	12,566,082	50,264,330	-	5.00
Differences Due to Changes					
in Proportion					
2016	-	-	123,193	(123,193)	5.61
2017	-	-	245,763	(245,763)	5.47
2018	-	-	487,573	(487,573)	5.59
2019	-	-	833,941	(833,941)	5.44
2020	-	-	1,567,331	(1,567,331)	5.21
			\$ 92,045,575	(19,435,799)	

See Independent Auditors' Report.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) <u>SCHEDULES' COMPONENTS, CONTINUED</u>

Deferred Outflows and Inflows of Resources, Continued

Amounts reported as deferred outflows of resources and deferred inflows of resources (excluding employer-specific amounts and other employer-specified amounts) related to pensions will be recognized in pension expense as follows:

	Deferred	Deferred
Year Ending June 30:	Outflows	<u>Inflows</u>
2021	\$ 25,868,055	(13,304,092)
2022	24,881,663	(4,215,882)
2023	24,630,827	(1,358,689)
2024	16,166,895	(478,956)
2025	498,135	(78,180)
	 <u> </u>	_
	\$ 92,045,575	(19,435,799)

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(3) <u>SCHEDULES' COMPONENTS, CONTINUED</u>

Pension Expense

Proportionate Share of Plan Pension Expense

Under GASB 68, participating employers in cost-sharing, defined-benefit pension plans no longer expense actual contributions made to the Plan. Accounting principles generally accepted in the United States require that the pension expense recognized by participating employers in a given year consider their proportionate share of all plan components, not just payments into the Plan. For the fiscal year ended June 30, 2020 the Plan's collective pension expense allocated to all participating employer agencies was \$67,960,823. This amount for the year ended June 30, 2020, was calculated as follows:

Service cost	\$	21,897,472
Interest on total pension liability		84,761,418
Benefit changes		5,382,346
Expensed portion of differences		
between expected and actual experience		9,946,974
Changes in assumptions		202,311
Employee contributions		(6,770,157)
Projected earnings on pension plan investments		(75,310,795)
Expensed portion of differences between		
projected and actual earnings on plan investments		26,372,504
Pension plan administrative expense		1,478,750
Other changes in fiduciary net position	_	
Total collective pension expense	\$	67,960,823

The collective pension expense is broken out for employer agencies by each unique proportion in the Schedule of Pension Amounts by Participating Employer Agency. The differences between expected and actual experience and the differences between projected and actual earnings on plan investments represent only the current year's portion of amortization to pension expense. The remaining unamortized balances of these differences are presented in their respective columns in the Schedule of Pension Amounts by Participating Employer Agency.

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(4) CHANGES IN NET PENSION LIABILITY

A summary of the changes in net pension liability for the year ended June 30, 2020, is as follows:

	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability
	(a)	(b)	(a) – (b)
Balances at June 30, 2019	\$ 1,161,888,570	1,016,645,724	145,242,846
Changes for the year:			
Service cost	21,897,472	-	21,897,472
Interest	84,761,418	-	84,761,418
Benefit changes	5,382,346	-	5,382,346
Changes in assumptions	-	-	-
Differences between expected and			
actual experience	10,418,879	-	10,418,879
Contributions—employer	-	9,503,466	(9,503,466)
Contributions—State of Oklahoma			
(a non-employer contributing entity)	-	24,382,470	(24,382,470)
Contributions—member	-	6,770,157	(6,770,157)
Net investment income	-	12,480,383	(12,480,383)
Benefit payments, including refunds of			
employee contributions	(64,641,252)	(64,641,252)	-
Administrative expense	-	(1,478,750)	1,478,750
Other changes			
Net changes	57,818,863	(12,983,526)	70,802,389
Balances at June 30, 2020	\$1,219,707,433	1,003,662,198	216,045,235

NOTES TO SCHEDULES OF ALLOCATIONS AND PENSION AMOUNTS BY PARTICIPATING EMPLOYER AGENCY, CONTINUED

(5) EMPLOYER-PAID MEMBER CONTRIBUTIONS AND OTHER EMPLOYER-SPECIFIED AMOUNTS

Because of the nature of the Plan, plan management is not aware of employer-paid member contributions and other employer-specified amounts. As such, each employer agency should determine the effect, if applicable, such employer-paid contributions and other employer-specified amounts will have on its pension expense and deferred inflows/outflows.

(6) <u>LEGISLATIVE CHANGES</u>

The following is a summary of significant plan provision changes that were enacted by the Oklahoma State Legislature that will impact the amount of insurance premium tax contributed to the Plan from 2021 through 2028:

- House Bill 2742—Decreases the Plan's portion of insurance premium tax from 5.0% to 3.5% for September 2020 through June 2021. In fiscal year 2022, the percentage increases to 3.75% and in fiscal years 2023 through 2027, the percentage increases to 5.5%. The portion goes back to the original 5.0% in fiscal year 2028.
- House Bill 3564—This bill reduced the Plan's insurance premium tax by \$12,500 permanently.