



Oklahoma Police Pension and Retirement System  
A Component Unit of the State of Oklahoma

**Report on Employer Allocations and Pension Amounts by Employer**  
June 30, 2016



# **Oklahoma Police Pension and Retirement System**

A Component Unit of the State of Oklahoma

## **Report on Employer Allocations and Pension Amounts by Employer**

June 30, 2016

**Steven K. Snyder**

Executive Director  
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Chief Financial Officer

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Comptroller

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Oklahoma Police Pension and Retirement System  
2016 Report on Employer Allocations and Pension Amounts by Employer

## Table of Contents

	<u>Page</u>
Independent Auditors' Report	4
Schedule of Employer Allocations	6
Schedule of Pension Amounts by Employer	9
Notes to the Schedules of Employer Allocations and Pension Amounts by Employer	12



## **INDEPENDENT AUDITORS' REPORT**

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

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

We have audited the individual columns labeled "Employer Allocations" included in the accompanying Schedule of Employer Allocations and the Schedule of Pension Amounts by Employer (the "Schedules") of the Oklahoma Police Pension and Retirement Plan (the "Plan"), administered by the Oklahoma Police Pension and Retirement System, which is a part of the State of Oklahoma financial reporting entity, as of and for the year ended June 30, 2016. 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 Proportionate Share of Pension Plan Expense, Excluding that Attributable to Employer-Paid Member Contributions and Employer Specific Amounts" (specified column totals) included in the accompanying Schedules of the Plan as of and for the year ended June 30, 2016, 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 the 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 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 Allocations" and 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 Allocations" and 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 Allocations" and 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 Allocations" and 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 Allocations" and 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 presents fairly, in all material respects, the employer allocations and net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total employer proportionate share of pension plan expense, excluding that attributable to employer-paid member contributions and employer specific amounts, for the total of all participating entities for the Plan as of and for the year ended June 30, 2016, 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, 2016, and our report thereon, dated September 19, 2016, 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 employers and their auditors and is not intended to be and should not be used by anyone other than these specified parties.

A handwritten signature in black ink that reads "Finley & Cook, PLLC". The signature is written in a cursive, flowing style.

Shawnee, Oklahoma  
March 29, 2017

# Oklahoma Police Pension and Retirement System

## Schedule of Employer Allocations

### June 30, 2016

Participating Employer	2015 Employer Allocations		2016 Employer Allocations		2016 Percentage Change In Proportion	Employers Change in Proportion of June 30, 2015 Net Pension Liability	Employers Change in Proportion of June 30, 2015 Deferred Inflows	Employers Change in Proportion of June 30, 2015 Deferred Outflows	Total Change in Proportionate Share of June 30, 2015 Net Pension Liability, Deferred Inflows and Deferred Outflows	Amount to Amortize as Pension Expense for 06/30/2016 ONLY** Due to Proportion Changes	June 30, 2016 ONLY** Amount Recorded as Deferred <b>OUTFLOWS</b> Due to Changes in Proportion	June 30, 2016 ONLY** Amount Recorded as Deferred <b>INFLOWS</b> Due to Changes in Proportion
	Employer Contributions	Employer Allocation Percentage	Employer Contributions	Employer Allocation Percentage								
<b>AMOUNTS TO BE ALLOCATED</b>	<b>36,745,979.38</b>	<b>100.00%</b>	<b>38,338,093.34</b>	<b>100.00%</b>	<b>0.00%</b>	<b>4,077,426</b>	<b>111,302,007</b>	<b>(73,065,692)</b>			<b>647,329</b>	<b>647,338</b>
ABLE COMMISSION (State Agency)	7,567.90	0.000206	8,231.73	0.000215	0.000009	36	975	(640)	371	65	306	-
ADA	195,639.41	0.005324	203,256.81	0.005302	(0.000022)	(91)	(2,494)	1,637	(948)	(167)	-	781
ALTUS	220,614.91	0.006004	221,986.35	0.005790	(0.000214)	(871)	(23,769)	15,603	(9,037)	(1,591)	-	7,446
ALVA	54,182.22	0.001475	56,206.14	0.001466	(0.000008)	(34)	(940)	617	(357)	(63)	-	294
ANADARKO	117,933.93	0.003209	130,622.33	0.003407	0.000198	806	22,002	(14,444)	8,364	1,473	6,891	-
ARAPAHO	4,201.56	0.000114	4,448.02	0.000116	0.000002	7	187	(123)	71	13	58	-
ARDMORE	318,361.37	0.008664	337,314.20	0.008798	0.000135	549	14,977	(9,832)	5,694	1,002	4,692	-
ATOKA	62,833.19	0.001710	65,765.71	0.001715	0.000005	22	610	(400)	232	41	191	-
BARTLESVILLE	325,689.19	0.008863	327,685.64	0.008547	(0.000316)	(1,288)	(35,172)	23,089	(13,371)	(2,354)	-	11,017
BETHANY	201,308.48	0.005478	212,234.14	0.005536	0.000057	234	6,397	(4,199)	2,432	428	2,004	-
BIXBY	155,808.54	0.004240	160,282.94	0.004181	(0.000059)	(242)	(6,609)	4,338	(2,513)	(442)	-	2,071
BLACKWELL	82,058.85	0.002233	92,287.61	0.002407	0.000174	710	19,374	(12,718)	7,366	1,297	6,069	-
BLAIR	-	-	-	-	-	-	-	-	-	-	-	-
BLANCHARD	31,285.25	0.000851	35,492.53	0.000926	0.000074	303	8,279	(5,435)	3,147	554	2,593	-
BOYNTON	-	-	-	-	-	-	-	-	-	-	-	-
BRISTOW	42,685.89	0.001162	49,989.07	0.001304	0.000142	580	15,833	(10,394)	6,019	1,060	4,959	-
BROKEN ARROW	1,184,584.01	0.032237	1,211,661.77	0.031605	(0.000632)	(2,579)	(70,394)	46,211	(26,762)	(4,712)	-	22,050
BUREAU OF NARCOTICS (State Agency)	39,604.81	0.001078	43,502.28	0.001135	0.000057	232	6,333	(4,158)	2,407	424	1,983	-
CATOOSA	76,113.48	0.002071	76,271.88	0.001989	(0.000082)	(334)	(9,114)	5,983	(3,465)	(610)	-	2,855
CHANDLER	35,005.16	0.000953	33,050.39	0.000862	(0.000091)	(369)	(10,078)	6,616	(3,831)	(674)	-	3,157
CHECOTAH	46,757.88	0.001272	44,985.22	0.001173	(0.000099)	(404)	(11,028)	7,239	(4,193)	(738)	-	3,455
CHICKASHA	163,713.62	0.004455	177,935.47	0.004641	0.000186	758	20,695	(13,586)	7,867	1,385	6,482	-
CHOCTAW	79,686.23	0.002169	78,727.13	0.002053	(0.000115)	(469)	(12,808)	8,408	(4,869)	(857)	-	4,012
CLAREMORE	261,615.83	0.007120	260,642.39	0.006799	(0.000321)	(1,309)	(35,734)	23,458	(13,585)	(2,392)	-	11,193
CLEVELAND	33,198.55	0.000903	34,077.00	0.000889	(0.000015)	(60)	(1,626)	1,067	(619)	(109)	-	510
CLINTON	80,427.07	0.002189	83,481.83	0.002178	(0.000011)	(46)	(1,248)	819	(475)	(84)	-	391
COLLINSVILLE	55,469.73	0.001510	59,349.28	0.001548	0.000039	157	4,286	(2,813)	1,630	287	1,343	-
COMAMCHE	13,896.58	0.000378	16,250.80	0.000424	0.000046	186	5,087	(3,339)	1,934	340	1,594	-
COMMERCE	12,868.82	0.000350	15,247.46	0.000398	0.000048	194	5,287	(3,471)	2,010	354	1,656	-
COWETA	88,134.67	0.002398	89,339.98	0.002330	(0.000068)	(278)	(7,587)	4,981	(2,884)	(508)	-	2,376
CROMWELL	-	-	-	-	-	-	-	-	-	-	-	-
CUSHING	80,381.31	0.002187	85,371.63	0.002227	0.000039	160	4,377	(2,873)	1,664	293	1,371	-
DAVIS	37,514.22	0.001021	39,253.11	0.001024	0.000003	12	329	(216)	125	22	103	-
DEL CITY	205,427.23	0.005590	217,837.72	0.005682	0.000092	373	10,190	(6,689)	3,874	682	3,192	-
DEWEY	40,462.86	0.001101	38,655.56	0.001008	(0.000093)	(379)	(10,337)	6,786	(3,930)	(692)	-	3,238
DISNEY	-	-	-	-	-	-	-	-	-	-	-	-
DRUMMOND	-	-	-	-	-	-	-	-	-	-	-	-
DRUMRIGHT	27,582.95	0.000751	26,980.63	0.000704	(0.000047)	(191)	(5,218)	3,426	(1,983)	(349)	-	1,634
DUNCAN	298,438.67	0.008122	289,037.31	0.007539	(0.000583)	(2,375)	(64,834)	42,561	(24,648)	(4,339)	-	20,309
DURANT	323,526.05	0.008804	324,678.91	0.008469	(0.000336)	(1,368)	(37,349)	24,518	(14,199)	(2,500)	-	11,699
EDMOND	1,152,155.03	0.031355	1,305,458.52	0.034051	0.002697	10,995	300,140	(197,031)	114,104	20,089	94,015	-
EL RENO	212,985.75	0.005796	228,428.36	0.005958	0.000162	661	18,042	(11,844)	6,859	1,208	5,651	-
ELK CITY	133,394.39	0.003630	152,164.34	0.003969	0.000339	1,382	37,713	(24,757)	14,338	2,524	11,814	-
ENID	610,188.85	0.016606	609,193.39	0.015890	(0.000716)	(2,918)	(79,644)	52,283	(30,279)	(5,331)	-	24,948
EUFAULA	32,830.78	0.000893	26,288.99	0.000686	(0.000208)	(847)	(23,122)	15,178	(8,791)	(1,548)	-	7,243
FOREST PARK	11,135.70	0.000303	11,281.72	0.000294	(0.000009)	(36)	(977)	641	(372)	(65)	-	307

\*\* - Employer specific allocations due to changes in proportion are for the June 30, 2016 period only. Prior year amortizations due to changes in proportion have not been included. Due to the effects of rounding the Employer Allocation Percentage for presentation, certain allocated columns and direct calculations of allocation amounts will result in immaterial differences.

See Independent Auditors' Report.

See Accompanying Notes to Schedules of Employer Allocations and Pension Amounts by Employer.

Continued on the following page

Oklahoma Police Pension and Retirement System  
Schedule of Employer Allocations  
June 30, 2016 (Continued from the previous page)

Participating Employer	2015 Employer Allocations		2016 Employer Allocations		2016 Percentage Change In Proportion	Employers Change in Proportion of June 30, 2015 Net Pension Liability	Employers Change in Proportion of June 30, 2015 Deferred Inflows	Employers Change in Proportion of June 30, 2015 Deferred Outflows	Total Change in Proportionate Share of June 30, 2015 Net Pension Liability, Deferred Inflows and Deferred Outflows	Amount to Amortize as Pension Expense for 06/30/2016 ONLY** Due to Proportion Changes	June 30, 2016 ONLY** Amount Recorded as Deferred Due to Changes in Proportion	June 30, 2016 ONLY** Amount Recorded as Deferred Due to Changes in Proportion
	Employer Contributions	Employer Allocation Percentage	Employer Contributions	Employer Allocation Percentage								
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FORT GIBSON	32,492.20	0.000884	37,477.24	0.000978	0.000093	380	10,385	(6,818)	3,947	695	3,252	-
FREDERICK	34,351.61	0.000935	29,538.53	0.000770	(0.000164)	(670)	(18,294)	12,009	(6,955)	(1,224)	-	5,731
GARBER	-	-	-	-	-	-	-	-	-	-	-	-
GLENPOOL	136,724.75	0.003721	144,041.18	0.003757	0.000036	148	4,043	(2,654)	1,537	271	1,266	-
GRANDFIELD	-	-	-	-	-	-	-	-	-	-	-	-
GRANITE	7,549.75	0.000205	7,254.00	0.000189	(0.000016)	(66)	(1,808)	1,187	(687)	(121)	-	566
GROVE	117,503.81	0.003198	121,852.05	0.003178	(0.000019)	(79)	(2,157)	1,416	(820)	(144)	-	676
GUTHRIE	116,141.79	0.003161	137,184.77	0.003578	0.000418	1,703	46,482	(30,514)	17,671	3,111	14,560	-
GUYMON	105,091.20	0.002860	90,501.48	0.002361	(0.000499)	(2,036)	(55,576)	36,483	(21,129)	(3,720)	-	17,409
HARRAH	38,229.67	0.001040	42,902.37	0.001119	0.000079	321	8,757	(5,749)	3,329	586	2,743	-
HASKELL	21,276.77	0.000579	22,114.11	0.000577	(0.000002)	(9)	(245)	161	(93)	(16)	-	77
HENRYETTA	55,487.51	0.001510	55,286.07	0.001442	(0.000068)	(277)	(7,564)	4,966	(2,875)	(506)	-	2,369
HINTON	18,930.00	0.000515	22,667.40	0.000591	0.000076	310	8,469	(5,560)	3,219	567	2,652	-
HOBART	28,018.17	0.000762	27,474.13	0.000717	(0.000046)	(187)	(5,104)	3,350	(1,941)	(342)	-	1,599
HOMINY	14,370.82	0.000391	11,683.49	0.000305	(0.000086)	(352)	(9,609)	6,308	(3,653)	(643)	-	3,010
HUGO	56,609.92	0.001541	57,705.44	0.001505	(0.000035)	(144)	(3,940)	2,587	(1,497)	(264)	-	1,233
IDABEL	72,622.46	0.001976	76,963.28	0.002007	0.000031	127	3,467	(2,276)	1,318	232	1,086	-
JENKS	126,632.64	0.003446	132,906.42	0.003467	0.000021	84	2,285	(1,500)	869	153	716	-
JONES	26,054.14	0.000709	27,872.57	0.000727	0.000018	73	2,002	(1,314)	761	134	627	-
KINGFISHER	66,501.90	0.001810	68,826.92	0.001795	(0.000015)	(59)	(1,615)	1,060	(614)	(108)	-	506
KREBS	36,629.24	0.000997	36,416.75	0.000950	(0.000047)	(191)	(5,224)	3,430	(1,985)	(349)	-	1,636
LAMONT	4,671.21	0.000127	3,842.38	0.000100	(0.000027)	(110)	(2,994)	1,965	(1,139)	(201)	-	938
LAWTON	1,201,022.60	0.032684	1,335,899.83	0.034845	0.002161	8,810	240,498	(157,878)	91,430	16,097	75,333	-
LEXINGTON	1,009.91	0.000027	11,400.32	0.000297	0.000270	1,100	30,038	(19,719)	11,419	2,010	9,409	-
LINDSAY	28,908.73	0.000787	34,224.15	0.000893	0.000106	432	11,795	(7,743)	4,484	789	3,695	-
LUTHER	-	-	4,522.41	0.000118	0.000118	481	13,129	(8,619)	4,991	879	4,112	-
MADILL	50,745.56	0.001381	54,565.76	0.001423	0.000042	172	4,708	(3,090)	1,790	315	1,475	-
MANGUM	25,584.36	0.000696	22,308.45	0.000582	(0.000114)	(466)	(12,729)	8,356	(4,839)	(852)	-	3,987
MANNFORD	28,947.08	0.000788	30,873.23	0.000805	0.000018	71	1,951	(1,281)	741	130	611	-
MARLOW	38,516.75	0.001048	42,095.48	0.001098	0.000050	203	5,545	(3,640)	2,108	371	1,737	-
MCALISTER	301,878.91	0.008215	327,834.44	0.008551	0.000336	1,369	37,381	(24,539)	14,211	2,502	11,709	-
MIAMI	146,145.93	0.003977	175,476.91	0.004577	0.000600	2,446	66,770	(43,832)	25,384	4,469	20,915	-
MIDWEST CITY	854,300.46	0.023249	873,705.20	0.022789	(0.000459)	(1,873)	(51,125)	33,562	(19,436)	(3,422)	-	16,014
MOORE	993,683.79	0.027042	1,008,695.17	0.026311	(0.000731)	(2,982)	(81,412)	53,444	(30,950)	(5,449)	-	25,501
MUSKOGEE	534,155.14	0.014536	549,265.34	0.014327	(0.000210)	(854)	(23,322)	15,310	(8,866)	(1,561)	-	7,305
MUSTANG	158,602.81	0.004316	163,115.99	0.004255	(0.000062)	(251)	(6,848)	4,495	(2,604)	(458)	-	2,146
NEWCASTLE	104,439.91	0.002842	115,630.49	0.003016	0.000174	709	19,351	(12,703)	7,357	1,295	6,062	-
NEWKIRK	16,594.59	0.000452	15,787.18	0.000412	(0.000040)	(162)	(4,431)	2,909	(1,684)	(296)	-	1,388
NICHOLS HILLS	94,106.81	0.002561	110,484.27	0.002882	0.000321	1,308	35,709	(23,442)	13,575	2,390	11,185	-
NICOMA PARK	29,181.25	0.000794	25,211.66	0.000658	(0.000137)	(557)	(15,195)	9,975	(5,777)	(1,017)	-	4,760
NOBLE	45,722.12	0.001244	48,042.93	0.001253	0.000009	36	986	(648)	374	66	308	-
NORMAN	1,431,506.77	0.038957	1,549,355.33	0.040413	0.001456	5,937	162,069	(106,392)	61,614	10,848	50,766	-
NOWATA	19,478.74	0.000530	20,041.70	0.000523	(0.000007)	(30)	(816)	536	(310)	(55)	-	255
OKEENE	4,136.75	0.000113	8,038.11	0.000210	0.000097	396	10,806	(7,094)	4,108	723	3,385	-
OKLAHOMA CITY	10,703,088.14	0.291272	10,869,752.30	0.283524	(0.007749)	(31,595)	(862,458)	566,172	(327,881)	(57,726)	-	270,155
OKMULGEE	115,233.77	0.003136	116,852.20	0.003048	(0.000088)	(359)	(9,796)	6,431	(3,724)	(656)	-	3,068
OSBI (State Agency)	59,694.86	0.001625	59,926.37	0.001563	(0.000061)	(250)	(6,837)	4,488	(2,599)	(458)	-	2,141

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See Independent Auditors' Report.  
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Continued on the following page

Oklahoma Police Pension and Retirement System  
Schedule of Employer Allocations  
June 30, 2016 (Continued from the previous page)

Participating Employer	2015 Employer Allocations		2016 Employer Allocations		2016 Percentage Change In Proportion	Employers Change in Proportion of June 30, 2015 Net Pension Liability	Employers Change in Proportion of June 30, 2015 Deferred Inflows	Employers Change in Proportion of June 30, 2015 Deferred Outflows	Total Change in Proportionate Share of June 30, 2015 Net Pension Liability, Deferred Inflows and Deferred Outflows	Amount to Amortize as Pension Expense for 06/30/2016 ONLY** Due to Proportion Changes	June 30, 2016 ONLY** Amount Recorded as Deferred Outflows Due to Changes in Proportion	June 30, 2016 ONLY** Amount Recorded as Deferred Inflows Due to Changes in Proportion
	Employer Contributions	Employer Allocation Percentage	Employer Contributions	Employer Allocation Percentage								
<b>AMOUNTS TO BE ALLOCATED</b>	<b>36,745,979.38</b>	<b>100.00%</b>	<b>38,338,093.34</b>	<b>100.00%</b>	<b>0.00%</b>	<b>4,077,426</b>	<b>111,302,007</b>	<b>(73,065,692)</b>			<b>647,329</b>	<b>647,338</b>
OWASSO	389,132.99	0.010590	402,984.34	0.010511	(0.000078)	(320)	(8,735)	5,734	(3,321)	(585)	-	2,736
PAULS VALLEY	71,310.87	0.001941	79,704.82	0.002079	0.000138	564	15,399	(10,109)	5,854	1,031	4,823	-
PAWHUSKA	35,401.56	0.000963	34,743.71	0.000906	(0.000057)	(233)	(6,363)	4,177	(2,419)	(426)	-	1,993
PERKINS	25,783.13	0.000702	28,269.43	0.000737	0.000036	146	3,975	(2,609)	1,512	266	1,246	-
PERRY	63,581.20	0.001730	71,564.10	0.001867	0.000136	556	15,178	(9,964)	5,770	1,016	4,754	-
PIEDMONT	43,786.81	0.001192	48,633.34	0.001269	0.000077	314	8,562	(5,621)	3,255	573	2,682	-
PONCA CITY	386,156.16	0.010509	384,640.27	0.010033	(0.000476)	(1,941)	(52,974)	34,776	(20,139)	(3,546)	-	16,593
POTEAU	116,143.41	0.003161	131,444.21	0.003429	0.000268	1,092	29,811	(19,570)	11,333	1,995	9,338	-
PRAGUE	27,298.47	0.000743	34,889.58	0.000910	0.000167	682	18,604	(12,213)	7,073	1,245	5,828	-
PRYOR	135,130.40	0.003677	138,149.77	0.003603	(0.000074)	(302)	(8,232)	5,404	(3,130)	(551)	-	2,579
PURCELL	118,684.34	0.003230	119,288.19	0.003111	(0.000118)	(483)	(13,176)	8,649	(5,010)	(882)	-	4,128
RINGLING	8,620.16	0.000235	7,103.15	0.000185	(0.000049)	(201)	(5,488)	3,603	(2,086)	(367)	-	1,719
SALLISAW	101,730.74	0.002768	93,034.23	0.002427	(0.000342)	(1,394)	(38,044)	24,974	(14,464)	(2,546)	-	11,918
SAND SPRINGS	204,208.80	0.005557	220,651.35	0.005755	0.000198	808	22,049	(14,474)	8,383	1,476	6,907	-
SAPULPA	296,769.31	0.008076	292,221.04	0.007622	(0.000454)	(1,851)	(50,534)	33,174	(19,211)	(3,382)	-	15,829
SAVANNA	19,658.35	0.000535	19,355.28	0.000505	(0.000030)	(123)	(3,353)	2,201	(1,275)	(224)	-	1,051
SAWYER	-	-	-	-	-	-	-	-	-	-	-	-
SAYRE	29,450.48	0.000801	35,079.85	0.000915	0.000114	463	12,639	(8,297)	4,805	846	3,959	-
SEMINOLE	68,145.99	0.001855	62,420.86	0.001628	(0.000226)	(923)	(25,193)	16,538	(9,578)	(1,686)	-	7,892
SHAWNEE	419,546.50	0.011417	431,074.21	0.011244	(0.000173)	(707)	(19,307)	12,674	(7,340)	(1,292)	-	6,048
SKIATOOK	85,392.64	0.002324	91,291.72	0.002381	0.000057	234	6,385	(4,191)	2,428	427	2,001	-
SPENCER	17,631.24	0.000480	16,681.80	0.000435	(0.000045)	(182)	(4,974)	3,265	(1,891)	(333)	-	1,558
STIGLER	32,208.28	0.000877	66,066.72	0.001723	0.000847	3,453	94,245	(61,869)	35,829	6,308	29,521	-
STILLWATER	708,081.70	0.019270	739,550.20	0.019290	0.000021	84	2,291	(1,504)	871	153	718	-
SULPHUR	38,977.42	0.001061	39,469.13	0.001030	(0.000031)	(127)	(3,475)	2,281	(1,321)	(233)	-	1,088
TAHLEQUAH	160,650.16	0.004372	170,877.31	0.004457	0.000085	347	9,483	(6,226)	3,604	635	2,969	-
TECUMSEH	37,017.73	0.001007	35,898.44	0.000936	(0.000071)	(290)	(7,906)	5,190	(3,006)	(529)	-	2,477
THE VILLAGE	161,655.58	0.004399	140,609.54	0.003668	(0.000732)	(2,983)	(81,434)	53,459	(30,958)	(5,450)	-	25,508
TISHOMINGO	21,721.47	0.000591	23,389.65	0.000610	0.000019	77	2,111	(1,386)	802	141	661	-
TONKAWA	35,354.51	0.000962	33,982.12	0.000886	(0.000076)	(309)	(8,431)	5,535	(3,205)	(564)	-	2,641
TULSA	6,567,522.90	0.178728	7,030,752.47	0.183388	0.004661	19,003	518,723	(340,523)	197,203	34,719	162,484	-
TUTTLE	61,398.70	0.001671	59,657.53	0.001556	(0.000115)	(468)	(12,778)	8,388	(4,858)	(855)	-	4,003
VALLEY BROOK	11,929.93	0.000325	19,444.82	0.000507	0.000183	744	20,316	(13,337)	7,723	1,360	6,363	-
VINITA	61,253.61	0.001667	66,548.72	0.001736	0.000069	281	7,668	(5,034)	2,915	513	2,402	-
WARNER	11,549.50	0.000314	10,609.45	0.000277	(0.000038)	(153)	(4,182)	2,745	(1,590)	(280)	-	1,310
WARR ACRES	158,823.66	0.004322	169,921.08	0.004432	0.000110	448	12,240	(8,035)	4,653	819	3,834	-
WATONGA	21,365.91	0.000581	26,624.26	0.000694	0.000113	461	12,578	(8,257)	4,782	842	3,940	-
WAURIKA	-	-	9,157.35	0.000239	0.000239	974	26,585	(17,452)	10,107	1,779	8,328	-
WEATHERFORD	124,964.79	0.003401	128,908.09	0.003362	(0.000038)	(156)	(4,271)	2,804	(1,623)	(286)	-	1,337
WELEETKA	-	-	-	-	-	-	-	-	-	-	-	-
WETUMKA	10,586.25	0.000288	9,766.70	0.000255	(0.000033)	(136)	(3,711)	2,436	(1,411)	(248)	-	1,163
WEWOKA	30,608.42	0.000833	23,119.27	0.000603	(0.000230)	(938)	(25,592)	16,800	(9,730)	(1,713)	-	8,017
WISTER	8,818.32	0.000240	3,564.16	0.000093	(0.000147)	(599)	(16,363)	10,742	(6,220)	(1,095)	-	5,125
WOODWARD	165,611.63	0.004507	166,820.89	0.004351	(0.000156)	(635)	(17,321)	11,371	(6,585)	(1,159)	-	5,426
YUKON	392,469.14	0.010681	407,558.10	0.010631	(0.000050)	(204)	(5,562)	3,651	(2,115)	(372)	-	1,743
<b>Grand Total</b>	<b>36,745,979.38</b>	<b>100.00%</b>	<b>38,338,093.34</b>	<b>100.00%</b>	<b>(0.000000)</b>	<b>(1.0)</b>	<b>1.0</b>	<b>(8.0)</b>	<b>(8.0)</b>	<b>1.0</b>	<b>647,329</b>	<b>647,338</b>

\*\* - Employer specific allocations due to changes in proportion are for the June 30, 2016 period only. Prior year amortizations due to changes in proportion have not been included. Due to the effects of rounding the Employer Allocation Percentage for presentation, certain allocated columns and direct calculations of allocation amounts will result in immaterial differences.

See Independent Auditors' Report.

See Accompanying Notes to Schedules of Employer Allocations and Pension Amounts by Employer.



Oklahoma Police Pension and Retirement System  
Schedule of Pension Amounts by Employer  
June 30, 2016

Participating Employer	Employer Allocations			Deferred Outflow of Resources							Deferred Inflow of Resources				Total Employer Proportionate Share of Pension Plan Expense Excluding That Attributable to Employer Paid Member Contributions and Employer Specific Amounts (See FN 1)
	Employer Contributions	Employer Allocation Percentage	Net Pension Liability (Asset) @ 7.5% Discount	Net Pension Liability (Asset) @ 1.0% Lower Discount Rate (6.5%)	Net Pension Liability (Asset) @ 1.0% Higher Discount Rate (8.5%)	Differences Between Expected and Actual Plan Experience	Net Difference Between		Total Deferred Outflow of Resources	Differences Between Expected and Actual Plan Experience	Net Difference Between		Total Deferred Inflow of Resources		
							Projected and Actual Plan Investment Earnings	Changes in Assumptions			Projected and Actual Plan Investment Earnings	Changes in Assumptions			
TOTALS TO BE ALLOCATED	38,338,093	100.00%	153,144,000	401,800,000	(56,808,000)	491,280	206,315,599	-	206,806,879	17,202,667	59,170,290	-	76,372,957	54,844,337	
ABLE COMMISSION (State Agency)	8,231.73	0.000215	32,882.18	86,272.13	(12,197.48)	105.48	44,298.87	-	44,404.36	3,693.66	12,704.70	-	16,398.35	11,775.85	
ADA	203,256.81	0.005302	811,922.51	2,130,220.34	(301,178.59)	2,604.62	1,093,822.01	-	1,096,426.63	91,203.26	313,702.73	-	404,905.99	290,767.85	
ALTUS	221,986.35	0.005790	886,738.87	2,326,514.12	(328,931.34)	2,844.62	1,194,614.62	-	1,197,459.24	99,607.39	342,609.54	-	442,216.93	317,561.29	
ALVA	56,206.14	0.001466	224,519.07	589,064.95	(83,284.23)	720.25	302,472.10	-	303,192.34	25,220.23	86,747.50	-	111,967.73	80,405.37	
ANADARKO	130,622.33	0.003407	521,779.37	1,368,979.20	(193,551.44)	1,673.85	702,941.17	-	704,615.02	58,611.48	201,600.04	-	260,211.52	186,861.02	
ARAPAHO	4,448.02	0.000116	17,767.90	46,617.20	(6,590.92)	57.00	23,936.92	-	23,993.92	1,995.87	6,864.99	-	8,860.86	6,363.09	
ARDMORE	337,314.20	0.008798	1,347,423.45	3,535,200.47	(499,819.98)	4,322.48	1,815,248.89	-	1,819,571.37	151,356.09	520,604.37	-	671,960.46	482,542.87	
ATOKA	65,765.71	0.001715	262,705.39	689,253.43	(97,449.25)	842.75	353,916.71	-	354,759.46	29,509.70	101,501.56	-	131,011.26	94,080.75	
BARTLESVILLE	327,685.64	0.008547	1,308,961.54	3,434,288.95	(485,552.73)	4,199.10	1,763,433.00	-	1,767,632.10	147,035.66	505,743.83	-	652,779.50	468,768.79	
BETHANY	212,234.14	0.005536	847,783.04	2,224,306.69	(314,480.87)	2,719.66	1,142,133.32	-	1,144,852.97	95,231.48	327,558.17	-	422,789.64	303,610.32	
BIXBY	160,282.94	0.004181	640,260.60	1,679,835.37	(237,501.46)	2,053.93	862,559.09	-	864,613.02	71,920.48	247,377.67	-	319,298.14	229,291.83	
BLACKWELL	92,287.61	0.002407	368,648.84	967,214.55	(136,748.44)	1,182.61	496,643.73	-	497,826.34	41,410.33	142,434.96	-	183,845.28	132,021.51	
BLAIR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BLANCHARD	35,492.53	0.000926	141,777.21	371,977.25	(52,591.55)	454.82	191,002.26	-	191,457.08	15,925.84	54,778.50	-	70,704.34	50,773.63	
BOYNTON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BRISTOW	49,989.07	0.001304	199,684.58	523,907.34	(74,072.00)	640.58	269,015.07	-	269,655.65	22,430.57	77,152.19	-	99,582.76	71,511.57	
BROKEN ARROW	1,211,661.77	0.031605	4,840,061.51	12,698,745.73	(1,795,396.58)	15,526.73	6,520,530.94	-	6,536,057.67	543,684.16	1,870,055.92	-	2,413,740.07	1,733,335.72	
BUREAU OF NARCOTICS (State Agency)	43,502.28	0.001135	173,772.68	455,922.94	(64,460.11)	557.46	234,106.55	-	234,664.01	19,519.89	67,140.60	-	86,660.48	62,231.93	
CATOOSA	76,271.88	0.001989	304,672.97	799,362.69	(113,016.91)	977.38	410,455.43	-	411,432.81	34,223.92	117,716.58	-	151,940.50	109,110.30	
CHANDLER	33,050.39	0.000862	132,021.93	346,382.55	(48,972.87)	423.52	177,859.94	-	178,283.46	14,830.02	51,009.35	-	65,839.37	47,280.04	
CHECOTAH	44,985.22	0.001173	179,696.38	471,464.80	(66,657.47)	576.46	242,086.96	-	242,663.42	20,185.30	69,429.34	-	89,614.64	64,353.35	
CHICKASHA	177,935.47	0.004641	710,774.77	1,864,841.61	(263,658.34)	2,280.14	957,555.79	-	959,835.92	79,841.34	274,622.58	-	354,463.58	254,544.55	
CHOCTAW	78,727.13	0.002053	314,480.63	825,094.78	(116,655.01)	1,008.84	423,668.30	-	424,677.15	35,325.61	121,505.97	-	156,831.58	112,622.64	
CLAREMORE	260,642.39	0.006799	1,041,152.93	2,731,646.34	(386,210.47)	3,339.98	1,402,641.24	-	1,405,981.22	116,952.72	402,270.55	-	519,223.27	372,860.46	
CLEVELAND	34,077.00	0.000889	136,122.79	357,141.88	(50,494.07)	436.68	183,384.62	-	183,821.30	15,290.67	52,593.80	-	67,884.47	48,748.65	
CLINTON	83,481.83	0.002178	333,473.58	874,926.12	(123,700.36)	1,069.77	449,255.62	-	450,325.39	37,459.09	128,844.28	-	166,303.37	119,424.45	
COLLINSVILLE	59,349.28	0.001548	237,074.55	622,006.43	(87,941.62)	760.53	319,386.83	-	320,147.36	26,630.59	91,598.56	-	118,229.15	84,901.77	
COMAMCHE	16,250.80	0.000424	64,914.87	170,315.50	(24,079.85)	208.24	87,453.32	-	87,661.56	7,291.89	25,081.18	-	32,373.07	23,247.49	
COMMERCE	15,247.46	0.000398	60,906.97	159,800.06	(22,593.13)	195.39	82,053.87	-	82,249.25	6,841.68	23,532.64	-	30,374.32	21,812.17	
COWETA	89,339.98	0.002330	356,874.34	936,322.10	(132,380.75)	1,144.84	480,781.12	-	481,925.96	40,087.70	137,885.64	-	177,973.34	127,804.79	
CROMWELL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CUSHING	85,371.63	0.002227	341,022.51	894,732.05	(126,500.59)	1,093.99	459,425.53	-	460,519.52	38,307.06	131,760.96	-	170,068.03	122,127.89	
DAVIS	39,253.11	0.001024	156,799.09	411,389.78	(58,163.84)	503.01	211,239.74	-	211,742.75	17,613.24	60,582.51	-	78,195.75	56,153.31	
DEL CITY	217,837.72	0.005682	870,166.90	2,283,034.66	(322,784.05)	2,791.46	1,172,288.86	-	1,175,080.32	97,745.86	336,206.63	-	433,952.48	311,626.49	
DEWEY	38,655.56	0.001008	154,412.14	405,127.19	(57,278.41)	495.35	208,024.04	-	208,519.39	17,345.12	59,660.26	-	77,005.38	55,298.49	
DISNEY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DRUMMOND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DRUMRIGHT	26,980.63	0.000704	107,775.88	282,768.81	(39,978.92)	345.74	145,195.66	-	145,541.40	12,106.47	41,641.40	-	53,747.86	38,596.98	
DUNCAN	289,037.31	0.007539	1,154,578.28	3,029,237.53	(428,285.03)	3,703.84	1,555,447.87	-	1,559,151.72	129,693.79	446,094.73	-	575,788.52	413,480.65	
DURANT	324,678.91	0.008469	1,296,950.96	3,402,777.10	(481,097.47)	4,160.57	1,747,252.35	-	1,751,412.92	145,686.51	501,103.30	-	646,789.82	464,467.53	
EDMOND	1,305,458.52	0.034051	5,214,738.71	13,681,776.73	(1,934,381.22)	16,728.68	7,025,296.07	-	7,042,024.75	585,771.65	2,014,820.05	-	2,600,591.70	1,867,516.11	
EL RENO	228,428.36	0.005958	912,471.90	2,394,029.20	(338,476.88)	2,927.17	1,229,282.15	-	1,232,209.33	102,497.98	352,552.02	-	455,050.00	326,776.87	
ELK CITY	152,164.34	0.003969	607,830.32	1,594,748.89	(225,471.62)	1,949.90	818,869.02	-	820,818.92	68,277.59	234,847.57	-	303,125.16	217,677.81	
ENID	609,193.39	0.015890	2,433,462.50	6,384,613.39	(902,680.73)	7,806.45	3,278,360.72	-	3,286,167.17	273,350.87	940,217.59	-	1,213,568.45	871,478.07	
EUFULA	26,288.99	0.000686	105,013.08	275,520.12	(38,954.07)	336.88	141,473.62	-	141,810.49	11,796.12	40,573.93	-	52,370.05	37,607.56	
FOREST PARK	11,281.72	0.000294	45,065.56	118,237.36	(16,716.84)	144.57	60,712.33	-	60,856.89	5,062.22	17,411.99	-	22,474.21	16,139.00	

FN1 – Allocable pension expense is meant to reflect the pension expense to which the proportionate share applies.

Due to the effects of rounding the Employer Allocation Percentage, direct calculations of the allocated amounts may immaterially vary from the amounts presented.

See Independent Auditors' Report.

See Accompanying Notes to Schedules of Employer Allocations and Pension Amounts by Participating Employer.

Continued on the following page

Oklahoma Police Pension and Retirement System  
Schedule of Pension Amounts by Employer  
June 30, 2016 (Continued from the previous page)

Participating Employer	Employer Allocations			Deferred Outflow of Resources					Deferred Inflow of Resources					Total Employer Proportionate Share of Pension Plan Expense Excluding That Attributable to Employer Paid Member Contributions and Employer Specific Amounts (See FN 1)
	Employer Contributions	Employer Allocation Percentage	Net Pension Liability (Asset) @ 7.5% Discount	Net Pension Liability (Asset) @ 1.0% Lower Discount Rate (6.5%)	Net Pension Liability (Asset) @ 1.0% Higher Discount Rate (8.5%)	Differences Between Expected and Actual Plan Experience	Projected and Actual Plan Investment Earnings	Changes in Assumptions	Total Deferred Outflow of Resources	Differences Between Expected and Actual Plan Experience	Projected and Actual Plan Investment Earnings	Changes in Assumptions	Total Deferred Inflow of Resources	
<b>TOTALS TO BE ALLOCATED</b>	<b>38,338,093</b>	<b>100.00%</b>	<b>153,144,000</b>	<b>401,800,000</b>	<b>(56,808,000)</b>	<b>491,280</b>	<b>206,315,599</b>	<b>-</b>	<b>206,806,879</b>	<b>17,202,667</b>	<b>59,170,290</b>	<b>-</b>	<b>76,372,957</b>	<b>54,844,337</b>
FORT GIBSON	37,477.24	0.000978	149,705.27	392,777.88	(55,532.42)	480.25	201,682.94	-	202,163.18	16,816.39	57,841.67	-	74,658.06	53,612.85
FREDERICK	29,538.53	0.000770	117,993.57	309,576.72	(43,769.13)	378.52	158,960.94	-	159,339.46	13,254.22	45,589.21	-	58,843.43	42,256.17
GARBER	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GLENPOOL	144,041.18	0.003757	575,381.83	1,509,614.62	(213,435.01)	1,845.80	775,154.42	-	777,000.22	64,632.65	222,310.44	-	286,943.09	206,057.27
GRANDFIELD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRANITE	7,254.00	0.000189	28,976.57	76,025.10	(10,748.71)	92.96	39,037.24	-	39,130.20	3,254.94	11,195.69	-	14,450.63	10,377.17
GROVE	121,852.05	0.003178	486,745.92	1,277,062.82	(180,555.96)	1,561.46	655,744.10	-	657,305.57	54,676.17	188,064.16	-	242,740.33	174,314.74
GUTHRIE	137,184.77	0.003578	547,993.46	1,437,756.44	(203,275.43)	1,757.94	738,256.80	-	740,014.74	61,556.11	211,728.39	-	273,284.50	196,248.88
GUYMON	90,501.48	0.002361	361,514.03	948,495.13	(134,101.82)	1,159.72	487,031.71	-	488,191.43	40,608.87	139,678.28	-	180,287.15	129,466.37
HARRAH	42,902.37	0.001119	171,376.30	449,635.62	(63,571.18)	549.77	230,878.15	-	231,427.92	19,250.70	66,214.71	-	85,465.41	61,373.74
HASKELL	22,114.11	0.000577	88,336.25	231,765.55	(32,767.89)	283.38	119,006.59	-	119,289.97	9,922.81	34,130.50	-	44,053.31	31,635.21
HENRYETTA	55,286.07	0.001442	220,843.79	579,422.21	(81,920.90)	708.46	297,520.76	-	298,229.22	24,807.39	85,327.48	-	110,134.86	79,089.17
HINTON	22,667.40	0.000591	90,546.40	237,564.27	(33,587.73)	290.47	121,984.11	-	122,274.58	10,171.08	34,984.44	-	45,155.52	32,426.72
HOBART	27,474.13	0.000717	109,747.19	287,940.91	(40,710.17)	352.06	147,851.42	-	148,203.49	12,327.90	42,403.05	-	54,730.96	39,302.96
HOMINY	11,683.49	0.000305	46,670.46	122,448.09	(17,312.17)	149.72	62,874.44	-	63,024.16	5,242.49	18,032.08	-	23,274.57	16,713.75
HUGO	57,705.44	0.001505	230,508.12	604,778.27	(85,505.83)	739.46	310,540.55	-	311,280.01	25,892.98	89,061.49	-	114,954.47	82,550.18
JENKES	76,963.28	0.002007	307,434.81	806,608.86	(114,041.40)	986.24	414,176.18	-	415,162.42	34,534.16	118,783.67	-	153,317.83	110,099.37
JDAB	132,906.42	0.003467	530,903.31	1,392,917.46	(196,935.93)	1,703.12	715,232.95	-	716,936.07	59,636.37	205,125.26	-	264,761.64	190,128.51
JONES	27,872.57	0.000727	111,338.79	292,116.73	(41,300.57)	357.17	149,995.62	-	150,352.79	12,506.69	43,018.00	-	55,524.69	39,872.94
KINGFISHER	68,826.92	0.001795	274,933.60	721,336.25	(101,985.24)	881.98	370,390.54	-	371,272.52	30,883.29	106,226.17	-	137,109.46	98,459.95
KREBS	36,416.75	0.000950	145,469.07	381,663.48	(53,961.02)	466.66	195,975.93	-	196,442.59	16,340.54	56,204.92	-	72,545.47	52,095.77
LAMONT	3,842.38	0.000100	15,348.64	40,269.82	(5,693.50)	49.24	20,677.68	-	20,726.92	1,724.11	5,930.26	-	7,654.37	5,496.69
LAWTON	1,335,899.83	0.034845	5,336,338.50	14,000,814.98	(1,979,488.05)	17,118.77	7,189,115.31	-	7,206,234.07	599,430.96	2,061,802.60	-	2,661,233.55	1,911,063.75
LEXINGTON	11,400.32	0.000297	45,539.32	119,480.34	(16,892.58)	146.09	61,350.57	-	61,496.66	5,115.43	17,595.04	-	22,710.47	16,308.66
LUNDAS	34,224.15	0.000893	136,710.59	358,684.07	(50,712.11)	438.56	184,176.50	-	184,615.07	15,356.70	52,820.91	-	68,177.61	48,959.16
LUTHER	4,522.41	0.000118	18,065.06	47,396.84	(6,701.14)	57.95	24,337.25	-	24,395.20	2,029.25	6,979.80	-	9,009.05	6,469.51
MADILL	54,565.76	0.001423	217,966.47	571,873.05	(80,853.57)	699.23	293,644.43	-	294,343.66	24,484.18	84,215.76	-	108,699.94	78,058.73
MANGUM	22,308.45	0.000582	89,112.55	233,802.32	(33,055.85)	285.87	120,052.43	-	120,338.30	10,010.01	34,430.44	-	44,440.45	31,913.22
MANNFORD	30,873.23	0.000805	123,325.12	323,564.96	(45,746.84)	395.62	166,143.60	-	166,539.22	13,853.11	47,649.16	-	61,502.27	44,165.52
MARLOW	42,095.48	0.001098	168,153.12	441,179.06	(62,375.56)	539.43	226,535.89	-	227,075.32	18,888.64	64,969.37	-	83,858.01	60,219.44
MCALISTER	327,834.44	0.008551	1,309,555.93	3,435,848.43	(485,773.22)	4,201.00	1,764,233.77	-	1,768,434.77	147,102.43	505,973.49	-	653,075.92	468,981.66
MIAMI	175,476.91	0.004577	700,953.90	1,839,074.83	(260,015.34)	2,248.63	944,325.10	-	946,573.73	78,738.16	270,827.75	-	349,565.91	251,027.48
MIDWEST CITY	873,705.20	0.022789	3,490,072.08	9,156,812.94	(1,294,624.76)	11,196.02	4,701,825.16	-	4,713,021.17	392,039.83	1,348,460.12	-	1,740,499.95	1,249,873.90
MOORE	1,008,695.17	0.026311	4,029,298.27	10,571,566.92	(1,494,648.02)	12,925.83	5,428,270.69	-	5,441,196.52	452,611.11	1,556,801.10	-	2,009,412.21	1,442,983.02
MUSKOGEE	549,265.34	0.014327	2,194,076.02	5,756,541.19	(813,881.51)	7,038.51	2,955,859.24	-	2,962,897.76	246,460.58	847,725.76	-	1,094,186.34	785,748.35
MUSTANG	163,115.99	0.004255	651,577.40	1,709,526.98	(241,699.37)	2,090.23	877,805.08	-	879,895.32	73,191.70	251,750.14	-	324,941.84	233,344.63
NEWCASTLE	115,630.49	0.003016	461,893.49	1,211,858.15	(171,337.08)	1,481.74	622,262.92	-	623,744.65	51,884.50	178,461.92	-	230,346.42	165,414.53
NEWKIRK	15,787.18	0.000412	63,062.91	165,456.56	(23,392.87)	202.30	84,958.36	-	85,160.66	7,083.86	24,365.64	-	31,449.49	22,584.26
NICHOLS HILLS	110,484.27	0.002882	441,336.58	1,157,923.51	(163,711.60)	1,415.79	594,568.65	-	595,984.44	49,575.34	170,519.34	-	220,094.68	158,052.63
NICOMMA PARK	25,211.66	0.000658	100,709.61	264,229.23	(37,357.73)	323.07	135,675.99	-	135,999.06	11,312.71	38,911.20	-	50,223.91	36,066.39
NOBLE	48,042.93	0.001253	191,910.60	503,510.94	(71,188.28)	615.64	258,541.96	-	259,157.60	21,557.32	74,148.55	-	95,705.87	68,727.53
NORMAN	1,549,355.33	0.040413	6,189,000.34	16,237,922.06	(2,295,778.69)	19,854.07	8,337,821.34	-	8,357,675.42	695,210.47	2,391,245.79	-	3,086,456.26	2,216,421.28
NOWATA	20,041.70	0.000523	80,057.87	210,045.79	(29,697.07)	256.82	107,853.96	-	108,110.79	8,992.90	30,931.98	-	39,924.88	28,670.54
OKFENE	8,038.11	0.000210	32,108.75	84,242.91	(11,910.58)	103.00	43,256.91	-	43,359.91	3,606.78	12,405.87	-	16,012.64	11,498.87
OKLAHOMA CITY	10,869,752.30	0.283524	43,419,930.45	113,919,762.14	(16,106,405.79)	139,289.45	58,495,330.92	-	58,634,620.37	4,877,361.21	16,776,170.64	-	21,653,531.84	15,549,661.09
OKMULGEE	116,852.20	0.003048	466,773.69	1,224,662.21	(173,147.36)	1,497.39	628,837.52	-	630,334.91	52,432.69	180,347.48	-	232,780.17	167,162.24
OSBI (State Agency)	59,926.37	0.001563	239,379.77	628,054.59	(88,796.73)	767.92	322,492.43	-	323,260.35	26,889.53	92,489.23	-	119,378.76	85,727.32

FN1 – Allocable pension expense is meant to reflect the pension expense to which the proportionate share applies.

Due to the effects of rounding the Employer Allocation Percentage, direct calculations of the allocated amounts may immaterially vary from the amounts presented.

See Independent Auditors' Report.

See Accompanying Notes to Schedules of Employer Allocations and Pension Amounts by Participating Employer.

Continued on the following page

Oklahoma Police Pension and Retirement System  
Schedule of Pension Amounts by Employer  
June 30, 2016 (Continued from the previous page)

Participating Employer	Employer Allocations			Deferred Outflow of Resources							Deferred Inflow of Resources				Total Employer Proportionate Share of Pension Plan Expense Excluding That Attributable to Employer Paid Member Contributions and Employer Specific Amounts (See FN 1)	
	Employer Contributions	Employer Allocation Percentage	Net Pension Liability (Asset) @7.5% Discount	Net Pension Liability (Asset) @ 1.0% Lower Discount Rate (6.5%)	Net Pension Liability (Asset) @ 1.0% Higher Discount Rate (8.5%)	Differences Between Expected and Actual Plan Experience	Projected and Actual Plan Investment Earnings	Changes in Assumptions	Total Deferred Outflow of Resources	Differences Between Expected and Actual Plan Experience	Projected and Actual Plan Investment Earnings	Changes in Assumptions	Total Deferred Inflow of Resources			
TOTALS TO BE ALLOCATED	38,338,093	100.00%	153,144,000	401,800,000	(56,808,000)	491,280	206,315,599	-	206,806,879	17,202,667	59,170,290	-	76,372,957	54,844,337		
OWASSO	402,984.34	0.010511	1,609,747.08	4,223,452.28	(597,127.62)	5,164.01	2,168,651.29	-	2,173,815.29	180,822.90	621,958.43	-	802,781.33	576,486.91		
PAULS VALLEY	79,704.82	0.002079	318,386.07	835,341.40	(118,103.72)	1,021.37	428,929.72	-	429,951.09	35,764.31	123,014.92	-	158,779.23	114,021.27		
PAWHUSKA	34,743.71	0.000906	138,786.00	364,129.29	(51,481.97)	445.22	186,972.50	-	187,417.72	15,589.83	53,622.79	-	69,212.62	49,702.41		
PERKINS	28,269.43	0.000737	112,924.07	296,276.00	(41,888.62)	362.26	152,131.31	-	152,493.57	12,684.76	43,630.50	-	56,315.27	40,440.67		
PERRY	71,564.10	0.001867	285,867.44	750,023.09	(106,041.09)	917.05	385,120.62	-	386,037.67	32,111.49	110,450.68	-	142,562.17	102,375.61		
PIEDMONT	48,633.34	0.001269	194,269.03	509,698.69	(72,063.12)	623.21	261,719.24	-	262,342.45	21,822.24	75,059.78	-	96,882.02	69,572.14		
PONCA CITY	384,640.27	0.010033	1,536,470.50	4,031,198.40	(569,946.04)	4,928.94	2,069,933.08	-	2,074,862.02	172,591.75	593,646.54	-	766,238.28	550,244.91		
POTEAU	131,444.21	0.003429	525,062.42	1,377,592.86	(194,769.28)	1,684.38	707,364.10	-	709,048.48	58,980.27	202,868.51	-	261,848.78	188,036.75		
PRAGUE	34,889.58	0.000910	139,368.69	365,658.07	(51,698.12)	447.09	187,757.50	-	188,204.59	15,655.29	53,847.92	-	69,503.21	49,911.09		
PRYOR	138,149.77	0.003603	551,848.22	1,447,870.06	(204,705.33)	1,770.31	743,449.92	-	745,220.23	61,989.12	213,217.75	-	275,206.86	197,629.35		
PURCELL	119,288.19	0.003111	476,504.41	1,250,192.45	(176,756.93)	1,528.61	641,946.75	-	643,475.36	53,525.75	184,107.14	-	237,632.89	170,647.03		
RINGUNG	7,103.15	0.000185	28,373.99	74,444.12	(10,525.19)	91.02	38,225.44	-	38,316.47	3,187.25	10,962.87	-	14,150.12	10,161.37		
SALLISAW	93,034.23	0.002427	371,631.26	975,039.45	(137,854.76)	1,192.18	500,661.65	-	501,853.82	41,745.34	143,587.28	-	185,332.62	133,089.58		
SAND SPRINGS	220,651.35	0.005755	881,406.13	2,312,522.73	(326,953.19)	2,827.52	1,187,430.35	-	1,190,257.86	99,008.36	340,549.13	-	439,557.49	315,651.51		
SAPULPA	292,221.04	0.007622	1,167,295.89	3,062,604.41	(433,002.57)	3,744.64	1,572,581.05	-	1,576,325.69	131,122.36	451,008.44	-	582,130.80	418,035.11		
SAVANNA	19,355.28	0.000505	77,315.92	202,851.81	(28,679.95)	248.03	104,160.01	-	104,408.04	8,684.90	29,872.57	-	38,557.47	27,688.58		
SAWYER	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SAYRE	35,079.85	0.000915	140,128.74	367,652.18	(51,980.05)	449.53	188,781.43	-	189,230.96	15,740.66	54,141.58	-	69,882.24	50,183.28		
SEMINOLE	62,420.86	0.001628	249,344.17	654,197.94	(92,492.97)	799.89	335,916.47	-	336,716.36	28,008.83	96,339.18	-	124,348.01	89,295.80		
SHAWNEE	431,074.21	0.011244	1,721,953.89	4,517,846.42	(638,750.17)	5,523.96	2,319,816.30	-	2,325,340.26	193,427.10	665,311.80	-	858,738.90	616,670.71		
SKIATOOK	91,291.72	0.002381	364,670.70	956,777.19	(135,272.77)	1,169.85	491,284.37	-	492,454.22	40,963.46	140,897.92	-	181,861.38	130,596.84		
SPENCER	16,681.80	0.000435	66,636.53	174,832.57	(24,718.49)	213.77	89,772.74	-	89,986.50	7,485.28	25,746.38	-	33,231.66	23,864.05		
STIGLER	66,066.72	0.001723	263,907.80	692,408.15	(97,895.28)	846.61	355,536.59	-	356,383.19	29,644.77	101,966.13	-	131,610.89	94,511.36		
STILLWATER	739,550.20	0.019290	2,954,181.23	7,750,809.82	(1,095,838.74)	9,476.90	3,979,873.00	-	3,989,349.90	331,843.21	1,141,407.83	-	1,473,251.03	1,057,959.25		
SULPHUR	39,469.13	0.001030	157,662.00	413,653.76	(58,483.93)	505.77	212,402.25	-	212,908.02	17,710.17	60,915.91	-	78,626.08	56,462.33		
TAHLEQUAH	170,877.31	0.004457	682,580.50	1,790,869.01	(253,199.82)	2,189.69	919,572.45	-	921,762.15	76,674.27	263,728.82	-	340,403.09	244,447.54		
TECUMSEH	35,898.44	0.000936	143,398.65	376,231.37	(53,193.01)	460.02	193,186.66	-	193,646.68	16,107.97	55,404.98	-	71,512.95	51,354.31		
THE VILLAGE	140,609.54	0.003668	561,673.93	1,473,649.53	(208,350.13)	1,801.83	756,687.12	-	758,488.95	63,092.84	217,014.11	-	280,106.95	201,148.16		
TISHOMINGO	23,389.65	0.000610	93,431.47	245,133.77	(34,657.94)	299.72	125,870.88	-	126,170.61	10,495.16	36,099.14	-	46,594.30	33,459.93		
TONKAWA	33,982.12	0.000886	135,743.78	356,147.49	(50,353.48)	435.46	182,874.03	-	183,309.49	15,248.10	52,447.36	-	67,695.46	48,612.92		
TULSA	7,030,752.47	0.183388	28,084,796.67	73,685,363.47	(10,417,914.70)	90,094.94	37,835,838.48	-	37,925,933.42	3,154,765.48	10,851,130.72	-	14,005,896.21	10,057,802.16		
TUTTLE	59,657.53	0.001556	238,305.87	625,237.03	(88,398.37)	764.48	321,045.67	-	321,810.15	26,768.90	92,074.31	-	118,843.21	85,342.73		
VALLEY BROOK	19,444.82	0.000507	77,673.59	203,790.23	(28,812.63)	249.17	104,641.87	-	104,891.04	8,725.08	30,010.77	-	38,735.84	27,816.67		
VINITA	66,548.72	0.001736	265,833.18	697,459.72	(98,609.49)	852.78	358,130.46	-	358,983.24	29,861.04	102,710.04	-	132,571.08	95,200.89		
WARNER	10,609.45	0.000277	42,380.14	111,191.68	(15,720.70)	135.95	57,094.52	-	57,230.47	4,760.56	16,374.42	-	21,134.99	15,177.29		
WARR ACRES	169,921.08	0.004432	678,760.77	1,780,847.30	(251,782.91)	2,177.44	914,426.52	-	916,603.96	76,245.20	262,252.99	-	338,498.19	243,079.62		
WATONGA	26,624.26	0.000694	106,352.33	279,033.90	(39,450.87)	341.17	143,277.86	-	143,619.04	11,946.56	41,091.38	-	53,037.94	38,087.18		
WAURIKA	9,157.35	0.000239	36,579.63	95,973.04	(13,569.03)	117.35	49,280.08	-	49,397.42	4,108.99	14,133.28	-	18,242.27	13,099.99		
WEATHERFORD	128,908.09	0.003362	514,931.72	1,351,013.21	(191,011.35)	1,651.88	693,716.03	-	695,367.91	57,842.29	198,954.31	-	256,796.60	184,408.72		
WEELETKA	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WETUMKA	9,766.70	0.000255	39,013.72	102,359.29	(14,471.94)	125.15	52,559.28	-	52,684.43	4,382.41	15,073.74	-	19,456.15	13,971.70		
WEWOKA	23,119.27	0.000603	92,351.42	242,300.07	(34,257.30)	296.26	124,415.84	-	124,712.10	10,373.84	35,681.85	-	46,055.68	33,073.14		
WISTER	3,564.16	0.000093	14,237.27	37,353.96	(5,281.24)	45.67	19,180.45	-	19,226.12	1,599.27	5,500.86	-	7,100.13	5,098.69		
WOODWARD	166,820.89	0.004351	666,376.86	1,748,355.95	(247,189.16)	2,137.71	897,742.92	-	899,880.63	74,854.12	257,468.21	-	332,322.33	238,644.66		
YUKON	407,558.10	0.010631	1,628,017.26	4,271,387.29	(603,904.85)	5,222.62	2,193,264.88	-	2,198,487.49	182,875.19	629,017.48	-	811,892.68	583,029.88		
GRAND TOTAL	38,338,093.34	100.000%	153,144,000.00	401,800,000.00	(56,808,000.00)	491,280	206,315,599	-	206,806,879	17,202,667	59,170,290	-	76,372,957	54,844,337		

FN1 – Allocable pension expense is meant to reflect the pension expense to which the proportionate share applies.

Due to the effects of rounding the Employer Allocation Percentage, direct calculations of the allocated amounts may immaterially vary from the amounts presented.

See Independent Auditors' Report.

See Accompanying Notes to Schedules of Employer Allocations and Pension Amounts by Participating Employer.

## (1) SYSTEM STRUCTURE AND OPERATIONS

The Oklahoma Police Pension and Retirement System is administrator of the Oklahoma Police Pension and Retirement Plan, a multi-employer, cost sharing defined benefit pension plan established by Oklahoma Statutes. The System is a component unit of the State of Oklahoma, and is part of the State's reporting entity. The system covers substantially all police officers employed by its 138 participating employers and state agencies.

This report was prepared to provide participating employers with additional information needed to comply with the financial reporting requirements promulgated under *GASB Statement 68 – Accounting and Financial Reporting for Pensions – an amendment of GASB Statement No. 27*. The System's annual financial statements, located at <http://www.ok.gov/OPPRS/Financials/index.html>, contain additional information not included within the scope of this report. Participating employers will need to reference this report, the System's financial statements and its actuarial valuations to fully comply with the disclosure requirements of GASB Statement 68.

As interpreted through GASB Statement 68, the State of Oklahoma 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 14% of Insurance Premium Tax collected by the State. For the fiscal year ended June 30, 2016, the State's contribution to the System totaled \$35,915,000. As a non-employer contributing entity, no portion of the Net Pension Liability has been allocated to the State as a result of this contribution. The state agencies listed on the schedule with participating employees in the Plan have been allocated their proportionate of the net pension liability and other related pension amounts.

This report provides specific detailed information and should be utilized by the System's participating employers 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 relative to the System or its participating employers.

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

The Schedule of Employer Allocations and the Schedule of Pension Amounts by Employer include the use of significant estimates where required. Due to the long term nature of defined-benefit pension plans, certain amounts, including the Net Pension Liability (Asset), are based on actuarial mathematical models and estimates that project future expectations. These 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.

Where calculations have been made to provide a proportionate share for all employers, proportion calculations are presented to 6 significant digits. Consequently, certain column totals and amounts derived from an employer's proportion, as well as any manual calculations using the determined proportion and a collective amount will produce results that immaterially differ from the presented totals.

**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 for the period ended June 30, 2016. The System's actuarial report is dated July 1, 2016.

**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, as determined at the beginning of the measurement period. For the measurement period beginning July 1, 2015, the membership's remaining service life was 5.68 years.

### (3) BASIS FOR DETERMINING COMPONENTS OF THE SCHEDULES

GASB Statement No. 68 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. 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, 2016 and 2015. Employer allocation percentages have been rounded for presentation purposes; therefore, amounts presented in the Schedules may result in immaterial differences.

**Employer Contributions** represent each participating employers actual contributions to the Plan for the fiscal year. Contributions are calculated on a cash basis and only include actual payments received by the Plan between July 1, 2015 and June 30, 2016.

**Employer Allocation Percentage** represents the portion of each individual employer's actual cash basis contributions received for the fiscal year divided by the total of all employer cash basis contributions for the fiscal year. This percentage represents each employer's proportionate share of the pension amounts presented in this schedule.

**2016 Percentage Change in Proportion** shows the difference between each employer's proportion determined for fiscal 2016 and that of fiscal 2015.

**Employers Change in Proportion of June 30, 2015 Net Pension Liability (Asset)** represents each employers increase or decrease in proportionate share of the Net Pension Liability (Asset) calculated for fiscal year 2015.

**Employers Change in Proportion of June 30, 2015 Deferred Inflows** represents each employers increase or decrease in proportionate share of the deferred inflows determined in fiscal year 2015.

**Employers Change in Proportion of June 30, 2015 Deferred Outflows** represents each employers increase or decrease in proportionate share of deferred outflows determined in fiscal year 2015.

**Total Change in Proportionate Share of June 30, 2015 Net Pension Liability, Deferred Inflows and Deferred Outflows** shows the combined total of proportionate share changes for each employer for fiscal 2015. This change in proportion is then amortized over the remaining service life of the systems members, with the remaining unamortized balance presented as either a deferred inflow or deferred outflow due to changes in proportion. This schedule presents proportionate change totals only for the year ended June 30, 2016. **Prior year proportion changes are not included in these totals.**

**Net Pension Liability (NPL)** was calculated using a discount rate of 7.5%. For the fiscal year ended June 30, 2016, the System had a net pension liability (NPL) of \$153,144,000 to be allocated proportionately among participating employers. The System's net pension liability (NPL) was calculated as follows:

<u>Net Pension Liability (Asset)</u>	<u>NPL at June 30, 2016</u>
Total Pension Liability (TPL)	\$ 2,354,815,000
Plans Fiduciary Net Position	(2,201,671,000)
Employers Net Pension Liability (Asset)	<u>\$ 153,144,000</u>
Plans fiduciary net position as a % of TPL	93.50%

A net pension liability (asset) sensitivity comparison shows how a 1 percent change (both lower and higher) in the discount rate will affect the net pension liability (asset). The following table presents the System's net pension liability for the current discount rate of 7.5% as well as what it would be using a discount rate 1 percent lower (6.5%) and 1 percent higher (8.5%).

### (3) BASIS FOR DETERMINING COMPONENTS OF THE SCHEDULES, CONTINUED

	1% Decrease in Discount Rate (6.5%)	Current Discount Rate (7.5%)	1% Increase in Discount Rate (8.5%)
Total Net Pension Liability (Asset)	\$401,800,000	\$153,144,000	(\$56,808,000)

The Schedule of Pension Amounts by Employer presents the collective amounts in the sensitivity comparison multiplied by each employer's allocation percentage, thus determining each participating employer's specific sensitivity to net pension liability changes at June 30, 2016.

#### **Deferred Inflow and Outflow of Resources**

Certain differences that occur from year to year in the calculation of the net pension liability and net pension expense require deferral 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 may vary significantly between years. Additionally, certain deferrals may have both inflow and outflow components that are amortized separately over future years.

**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 differ from the actual experience costs. This is usually the result of differences in demographic factors of the membership. The most recent actuarial experience study for the System was for the 5 year period July 1, 2007 to June 30, 2012. Actuarial experience studies are performed every 5 years. For the fiscal year ended June 30, 2016, the system experienced a loss against expected experience, resulting in a system-wide deferred outflow for plan experience of \$596,254. System-wide deferred inflows and outflows that result from plan experience differences are divided by the beginning expected remaining service life of its members, which was calculated to be 5.68 years, and amortized over that period, with the current year amount included in the calculation of pension expense.

**Net Difference between Projected and Actual Plan Investment Earnings** - Each annual actuarial valuation estimates the expected 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 2016, the System's projected earnings were \$168,291,413. Actual investment earnings for fiscal 2016 were \$(21,104,000), or \$(189,395,413) less than projected earnings.

**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, 2016, no changes in assumption were made regarding the determination of the plan's liabilities.

**Changes in Proportion** – A change in proportion can occur due to changes in the membership of participating employers, new employers joining the system, or other factors affecting the contributions of a participating employer in relation to all participating employers. When a change in proportion occurs, the participating employer will experience an increase or decrease in either deferred inflows or deferred outflows during the period the change occurs, with an offsetting effect on pension expense. The Schedule of Employer Allocations presents this change in proportion between the periods ended June 30, 2015 and June 30, 2016. Proportionate changes are then multiplied by the June 30, 2015 Net Pension Liability (Asset), Deferred Inflows and Deferred Outflows to determine the net effect of a change in proportion on each employer's pension expense for the current year. **This schedule presents each employer's proportional changes for the current year only.**

### (3) BASIS FOR DETERMINING COMPONENTS OF THE SCHEDULES, CONTINUED

The following table (excluding any employer-specific amounts) presents the fiscal amounts determined and their effect on pension expense, deferred inflows and deferred outflows respectively, as well as remaining unamortized deferral balances at June 30, 2016.

	Total Fiscal (Gains)/Losses	Amount included in 2016 Pension Expense Calculation	Deferred Inflows Balance for 2016	Deferred Outflows Balance for 2016	Amortization Period
Differences between Expected and Actual Experience					
2014	\$ (18,258,185)	(3,131,764)	(8,862,893)	-	5.83 years
2015	(12,764,056)	(2,212,141)	(8,339,774)	-	5.77 years
2016	596,254	104,974		491,280	5.68 years
Differences between Projected and Actual Earnings					
2014	(147,925,725)	(29,585,145)	(59,170,290)	-	5 years
2015	91,332,115	18,266,423	-	54,799,269	5 years
2016	189,395,413	37,879,083		151,516,330	5 years
			<u>\$ (76,372,957)</u>	<u>\$ 206,806,879</u>	

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

Year ended June 30;	Deferred Inflows	Deferred Outflows
2017	\$ (34,929,050)	56,250,480
2018	(34,929,050)	56,250,480
2019	(4,811,506)	56,250,480
2020	(1,703,351)	37,984,055
2021	-	71,384
	<u>\$ (76,372,957)</u>	<u>206,806,879</u>

### (3) BASIS FOR DETERMINING COMPONENTS OF THE SCHEDULES, CONTINUED

**Proportionate Share of Net Pension Expense** - Under GASB Statement 68, participating employers in cost-sharing defined benefit pension plans no longer expense actual contributions made to the Plan. GAAP requires that the pension expense recognized by participating employers in a given year consider their proportionate share of all Plan cost components, not just contributions to the Plan. For the fiscal year ended June 30, 2016, the Plan's collective pension expense allocated to all participating employers (not including employer-specific amounts) was \$54,844,337. This amount was calculated as follows:

<u>Components of (Collective) Plan Pension Expense</u>	<u>June 30, 2016</u>
Service cost	\$ 58,694,272
Interest on total pension liability	165,076,048
Differences between expected and actual experience	(5,238,931)
Changes of assumptions	-
Employee contributions	(23,787,000)
Projected earnings on pension plan investments	(168,291,413)
Differences between projected and actual earnings on plan investments	26,560,361
Pension plan administrative expense	1,831,000
Other changes in fiduciary net position	-
Total Plan (Collective) Pension Expense	<u>\$ 54,844,337</u>

The collective pension expense is then allocated based on each employer's unique proportion. 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.



#### (4) CHANGES IN NET PENSION LIABILITY

A summary of the changes in net pension liability for the year ended June 30, 2016, is as follows:

	Increase (Decrease)		
	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability
	(a)	(b)	(a)-(b)
Balances at June 30, 2015	\$ 2,269,073,426	2,264,996,000	4,077,426
Changes for the year:			
Service cost	58,694,272	-	58,694,272
Interest	165,076,048	-	165,076,048
Differences between expected and actual experience	596,254	-	596,254
Contributions - employer (participating cities)	-	38,533,000	(38,533,000)
Contributions - employee	-	23,787,000	(23,787,000)
Contributions - State of Oklahoma (a non-employer contributing entity)	-	35,915,000	(35,915,000)
Net investment income	-	(21,104,000)	21,104,000
Benefit payments, including refunds	(138,625,000)	(138,625,000)	-
Administrative Expense	-	(1,831,000)	1,831,000
Other changes	-	-	-
Net changes	85,741,574	(63,325,000)	149,066,574
Balances at June 30, 2016	\$ 2,354,815,000	2,201,671,000	153,144,000

#### (5) EMPLOYER-PAID MEMBER CONTRIBUTIONS

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