Schedule of Employer Allocations and Schedule of Pension Amounts by Employer

As of and For the Year Ended June 30, 2018



The Retirement Board School Employees Retirement System of Ohio 300 E. Broad Street, Suite 100 Columbus, Ohio 43215

We have reviewed the *Independent Auditor's Report* for the GASB 68 (Pension) related schedules of the School Employees Retirement System of Ohio, Franklin County, prepared by *RSM US LLP*, for the audit period July 1, 2017 through June 30, 2018. Based upon this review, we have accepted these reports. The Auditor of State did not audit the accompanying schedules and, accordingly, we are unable to express, and do not express an opinion on them.

Our review was made in reference to the applicable sections of legislative criteria, as reflected by the Ohio Constitution, and the Revised Code, policies, procedures and guidelines of the Auditor of State, regulations and grant requirements. The School Employees Retirement System of Ohio is responsible for compliance with these laws and regulations.

Keith Faber Auditor of State Columbus, Ohio

April 22, 2019



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RSM US LLP

Independent Auditor's Report

The Retirement Board School Employees Retirement System of Ohio and The Honorable Dave Yost Columbus, Ohio

Report on the Schedules

We have audited the accompanying schedule of employer allocations of the School Employees Retirement System of Ohio (SERS) Pension Plan as of and for the year ended June 30, 2018, and the related notes. 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 pension expense (specified column totals) included in the accompanying schedule of pension amounts by employer of the SERS's Pension Plan as of and for the year ended June 30, 2018, and the related notes.

Management's Responsibility for the Schedule

Management is responsible for the preparation and fair presentation of these schedules in accordance with accounting principles generally accepted in the United States of America; 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.

Auditor's Responsibility

Our responsibility is to express opinions on the schedule of employer allocations and the specified column totals included in the schedule of pension amounts by employer based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer 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 entity'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 schedule of employer allocations and specified column totals included in the schedule of pension amounts by employer.

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

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Independent Auditor's Report (Continued)

Opinions

In our opinion, the schedules referred to above present fairly, in all material respects, the employer allocations, net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total employer pension expense for all participating entities for SERS' Pension Plan as of and for the year ended June 30, 2018, in accordance with accounting principles generally accepted in the United States of America.

Other Matter

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of SERS' Pension Plan as of and for the year ended June 30, 2018, and our report thereon, dated December 19, 2018, expressed an unmodified opinion on those financial statements.

Restriction on Use

Our report is intended solely for the information and use of SERS' Plan management, and SERS' plan employers as of and for the year ended June 30, 2018 and their auditors and is not intended to be, and should not be, used by anyone other than these specified parties.

RSM US LLP

Cleveland, Ohio March 19, 2019

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	Er	18 Actual mployer ntribution	Employer Allocation Percentage
01-009 01-023 02-001 02-003 02-006 02-009 02-010 02-011	\$	812,807 168,313 180,651 338,853 446,808 171,049 493,695 174,580 164,763	0.1804011% 0.0373568% 0.0400952% 0.0752078% 0.0991682% 0.0379640% 0.1095747% 0.0387477%
02-131		151,219	0.0335628%
02-154		977,324	0.2169153%
02-308		169,870	0.0377023%
02-761		292,070	0.0648244%
02-874		9,364	0.0020783%
02-895		46,691	0.0103630%
02-900		145,794	0.0323587%
03-013		130,162	0.0288892%
03-014		153,843	0.0341452%
03-103		485,072	0.1076609%
03-343		258,355	0.0573414%
03-747		109,252	0.0242483%
04-001		204,679	0.0454281%
04-019		206,405	0.0458112%
04-031		268,743	0.0596470%
04-033		226,408	0.0502508%
04-034		300,290	0.0666488%
04-104		650,972	0.1444821%
04-125		316,791	0.0703112%
04-244		339,311	0.0753095%
04-704		197,530	0.0438414%
05-001		319,400	0.0708903%
05-006		232,331	0.0515654%
05-017		365,072	0.0810271%
05-018		286,422	0.0635708%
05-105		581,337	0.1290267%
05-169		283,099	0.0628333%
05-710		166,364	0.0369242%
05-739		860,391	0.1909622%
06-001		285,725	0.0634162%
06-008 06-010 06-011 06-017 06-185 06-202		129,154 145,384 77,805 147,194 357,867 452,822 320,778	0.0286655% 0.0322677% 0.0172687% 0.0326694% 0.0794279% 0.1005030%
07-020 07-026		124,537	0.0711961% 0.0276408%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
07-108	273,509	0.0607048%
07-163	265,365	0.0588973%
07-294	258,312	0.0573319%
07-304	231,564	0.0513952%
07-309	189,881	0.0421437%
07-724	97,038	0.0215374%
07-748	154,355	0.0342588%
08-001	217,802	0.0483408%
08-005	152,443	0.0338345%
08-011	521,403	0.1157245%
08-013	184,269	0.0408982%
08-017	248,528	0.0551603%
08-333	179,586	0.0398588%
08-743	123,723	0.0274601%
09-001	1,846,794	0.4098926%
09-006	304,817	0.0676536%
09-009	178,872	0.0397003%
09-015	536,743	0.1191291%
09-022	3,663,849	0.8131847%
09-024	539,894	0.1198285%
09-100	629,740	0.1397697%
09-147	2,109,853	0.4682781%
09-166	1,107,874	0.2458906%
09-291	1,839,685	0.4083148%
09-299	693,548	0.1539317%
09-760	904,089	0.2006609%
09-800	-	0.0000000%
09-820	30,526	0.0067752%
09-835	18,567	0.0041209%
09-846	1,880	0.0004173%
09-870	22,931	0.0050895%
09-884	10,354	0.0022981%
10-003	113,758	0.0252484%
10-315	366,317	0.0813034%
11-001	368,779	0.0818498%
11-007	182,365	0.0404756%
11-008	218,598	0.0485174%
11-012	360,965	0.0801155%
11-199	359,144	0.0797114%
11-346	152,251	0.0337918%
12-001	167,545 304,574	0.0371863%
12-007 12-009	304,574 600,334	0.0675997%
		0.1332431%
12-011 12-013	635,068 172,241	0.1409522% 0.0382286%
12-013	362,458	0.0362266%
12-014	310,723	0.0689644%
12 010	310,123	0.0003044 /0

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
12-191	1,637,889	0.3635265%
12-703	211,920	0.0470353%
12-733	1,065,781	0.2365482%
12-816	20,299	0.0045053%
12-871	32,481	0.0072091%
12-890	10,251	0.0022752%
13-001	439,262	0.0974934%
13-003	417,190	0.0925946%
13-004	307,384	0.0682233%
13-007	192,579	0.0427426%
13-008	572,406	0.1270445%
13-027	188,269	0.0417860%
13-029	342,341	0.0759820%
13-030	1,499,223	0.3327499%
13-388	1,608,065	0.3569071%
13-399	572,905	0.1271552%
13-764	130,915	0.0290563%
14-001	117,029	0.0259744%
14-003	336,862	0.0747659%
14-017	314,991	0.0699117%
14-018	322,578	0.0715956%
14-207	497,845	0.1104958%
15-001	301,761	0.0669753%
15-002	259,555	0.0576078%
15-021	181,060	0.0401859%
15-022	212,534	0.0471715%
15-023	214,328	0.0475697%
15-024	147,567	0.0327522%
15-134	462,604	0.1026741%
15-135	187,148	0.0415372%
15-186	313,040	0.0694787%
15-321	161,170	0.0357714%
15-340	145,580	0.0323112%
15-341	111,519	0.0247514%
15-759	129,788	0.0288062%
15-811	93,257	0.0206982%
16-023	251,008	0.0557108%
16-024	451,155	0.1001330%
16-126	333,889	0.0741061%
16-772	72,009	0.0159823%
17-009	183,707	0.0407734%
17-014	138,499	0.0307396%
17-015	162,217	0.0360038%
17-114	311,793	0.0692019%
17-141	323,086	0.0717084%
17-323	166,666	0.0369912%
18-001	2,982,950	0.6620604%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
40.000	0-10-0	
18-006	371,852	0.0825319%
18-007	15,990	0.0035490%
18-008	15,770	0.0035001%
18-009	297,020	0.0659231%
18-014	223,400	0.0495832%
18-018	7,736	0.0017170%
18-107	1,147,178	0.2546141%
18-111	1,884,470	0.4182547%
18-121	14,460,790	3.2095464%
18-122 18-133	1,893,822	0.4203304%
18-137	744,469 1,486,637	0.1652336%
18-143	800,452	0.3299564% 0.1776589%
18-152	1,374,355	0.3050356%
18-159	880,941	0.1955233%
18-178	2,910,175	0.6459081%
18-183	665,770	0.1477665%
18-188	2,177,646	0.4833246%
18-215	1,414,645	0.3139779%
18-219	814,314	0.1807355%
18-221	269,384	0.0597893%
18-224	465,078	0.1032232%
18-230	1,624,654	0.3605890%
18-233	1,239,639	0.2751357%
18-247	1,183,628	0.2627041%
18-250	675,009	0.1498170%
18-251	1,002,010	0.2223943%
18-258	1,277,422	0.2835215%
18-264	1,630,057	0.3617882%
18-271	855,297	0.1898316%
18-288	1,398,066	0.3102982%
18-289	1,546,747	0.3432977%
18-292	890,071	0.1975497%
18-317	563,225	0.1250068%
18-731	466,675	0.1035777%
18-742	317,298	0.0704237%
18-801	25,106	0.0055722%
18-804	1,126	0.0002499%
18-805	22,949	0.0050935%
18-807	2,622	0.0005819%
18-808	37,183	0.0082527%
18-809	23,375	0.0051880%
18-810	10,600	0.0023527%
18-813	-	0.0000000%
18-816	11,090	0.0024614%
18-817	212,676	0.0472031%
18-818	36,402	0.0080794%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
40.040	0F 740	0.00570630/
18-819	25,710	0.0057063%
18-820	235	0.0000522%
18-822	80,298	0.0178220%
18-823	367,241	0.0815085%
18-824	43,163 29,398	0.0095800%
18-826		0.0065248%
18-827	14,229	0.0031581%
18-828	28,146	0.0062470%
18-830	33,263	0.0073827%
18-831	22,096	0.0049042%
18-833	34,276	0.0076075%
18-834	29,767	0.0066067%
18-836	24,045	0.0053367%
18-838	22,149 80,327	0.0049159%
18-839		0.0178284%
18-840	9,434	0.0020939%
18-841	22,899	0.0050824%
18-842 18-844	29,352	0.0065146%
18-845	12,253 23,679	0.0027195% 0.0052555%
18-846	66,255	
18-848		0.0147052%
18-849	30,203 8,455	0.0067035% 0.0018766%
18-851		0.0038197%
18-852	17,210 43,597	0.0038197 %
18-855	28,726	0.0090703%
18-856	21,308	0.0063737 %
18-858	29,451	0.0047293%
18-862	34,783	0.0003300%
18-867	103,192	0.0229033%
18-869	25,386	0.0056344%
18-870	55,347	0.0122842%
18-871	37,734	0.0083750%
18-872	16,009	0.0035532%
18-873	23,449	0.0052045%
18-876	20,440	0.0000000%
18-877	12,758	0.0028316%
18-878	17,694	0.0039272%
18-879	35,099	0.0077902%
18-880	10,088	0.0022390%
18-881	9,294	0.0020628%
18-882	15,671	0.0034782%
18-883	13,671	0.0030343%
18-884	19,667	0.0043651%
18-885	17,607	0.0039078%
18-888	5,662	0.0012567%
18-889	38,379	0.0085182%
	33,5.3	5.5555.6270

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
18-891	415,331	0.0921820%
18-893	9,682	0.0921820%
18-894	6,722	0.0021489%
18-895	8,343	0.0014919%
18-896	0,545	0.0000000%
18-897	49,595	0.0110075%
18-899	30,438	0.0067557%
18-900	12,858	0.0028538%
18-910	288,495	0.0640309%
18-930	11,828	0.0026252%
18-931	20,687	0.0045914%
18-935	38,832	0.0086187%
18-946	13,922	0.0030900%
18-947	14,030	0.0031139%
18-948	24,985	0.0055454%
18-950	24,736	0.0054901%
18-951	18,906	0.0041962%
18-952	82,210	0.0182464%
18-953	14,744	0.0032724%
18-954	3,639	0.0008077%
18-956	49,071	0.0108912%
18-957	25,196	0.0055922%
18-958	17,804	0.0039516%
19-001	87,700	0.0194649%
19-003	155,602	0.0345356%
19-028	195,615	0.0434164%
19-045	149,557	0.0331939%
19-046	164,066	0.0364142%
19-047	128,274	0.0284702%
19-146	428,713	0.0951521%
19-372	263,868	0.0585650%
20-005	146,328	0.0324772%
20-013	211,074	0.0468475%
20-014	201,907	0.0448129%
20-129	490,392	0.1088416%
20-381	176,230	0.0391139%
21-014	829,402	0.1840843%
21-016	4,116,229	0.9135896%
21-018	388,413	0.0862076%
21-130	1,098,186	0.2437404%
21-756	383,026	0.0850119%
22-001	542,484	0.1204034%
22-006	9,926	0.0022031%
22-007	381,096	0.0845836%
22-010	509,705	0.1131281%
22-011 22-012	418,424	0.0928685%
∠ ∠ =∪1∠	302,204	0.0670736%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
22-187	916,664	0.2034519%
22-259	284,789	0.0632084%
22-708	571,947	0.1269426%
22-800	135,541	0.0300831%
23-001	344,940	0.0765588%
23-003	244,989	0.0543749%
23-009	2,056,749	0.4564918%
23-010	363,923	0.0807721%
23-013	131,741	0.0292397%
23-014	373,271	0.0828468%
23-015	313,750	0.0696363%
23-016	280,195	0.0621888%
23-153	1,268,073	0.2814465%
24-013	577,083	0.1280825%
24-204	378,795	0.0840729%
25-001	743,941	0.1651164%
25-004	747,565	0.1659207%
25-007	500,122	0.1110012%
25-010	1,208,668	0.2682617%
25-016	1,118,758	0.2483063%
25-028	4,525	0.0010043%
25-029	7,906	0.0017547%
25-030	6,304	0.0013992%
25-112	533,103	0.1183213%
25-123	16,755,072	3.7187582%
25-124	3,614,928	0.8023268%
25-145	353,210	0.0783943%
25-216	1,518,971	0.3371329%
25-241	741,997	0.1646849%
25-255	4,705,356	1.0443453%
25-263	2,477,661	0.5499124%
25-275	2,619,662	0.5814293%
25-282	3,352,567	0.7440962%
25-293	1,147,748	0.2547406%
25-295	1,403,032	0.3114004%
25-707	470,433	0.1044118%
25-720	5,704,625	1.2661313%
25-800	11,703	0.0025975%
25-801	30,584	0.0067881%
25-802	34,992	0.0077664%
25-803	225,503	0.0500500%
25-804	8,989	0.0019951%
25-806	39,526	0.0087727%
25-808 25-810	74,462	0.0165267%
25-810 25-811	69,892 70,349	0.0155124%
25-812	70,349	0.0156138% 0.0000000%
ZU-U 1Z	-	0.0000000%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
05.040	07.550	0.04400000/
25-813	67,553	0.0149933%
25-815	20,892	0.0046369%
25-817	91,073	0.0202135%
25-818	28,450	0.0063144%
25-820	84,626	0.0187826%
25-821	20,751	0.0046056%
25-823	12,484	0.0027708%
25-824	42,380	0.0094062%
25-825	26,239	0.0058237%
25-830	10,663	0.0023666%
25-831	8,327	0.0018482%
25-832	8,167	0.0018127%
25-833	8,404	0.0018653%
25-834	14,134	0.0031370%
25-836	14,476	0.0032129%
25-838	79,871	0.0177272%
25-839	18,080	0.0040128%
25-840	62,623	0.0138991%
25-841	68,824	0.0152754%
25-842	7,789	0.0017288%
25-844	24,706	0.0054835%
25-846	69,856	0.0155044%
25-847	29,914	0.0066394%
25-849	36,952	0.0082014%
25-852	45,154	0.0100218%
25-853	153,256	0.0340149%
25-855	141,386	0.0313804%
25-859	171,689	0.0381061%
25-860	52,837	0.0117271%
25-864	46,329	0.0102826%
25-867	22,041	0.0048920%
25-870	50,410	0.0111884%
25-871	46,635	0.0103506%
25-873	54,600	0.0121184%
25-874	7,129	0.0015823%
25-876	18,660	0.0041416%
25-877	215	0.0000477%
25-879	45,083	0.0100061%
25-880	28,796	0.0063912%
25-881	67,748	0.0150365%
25-882	43,885	0.0097402%
25-883	24,053	0.0053385%
25-886	15,719	0.0034888%
25-887	38,579	0.0085625%
25-888	13,212	0.0029324%
25-889	7,468	0.0016575%
25-890	35,432	0.0078641%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
25-892	28,034	0.0062221%
25-894	22,945	0.0050926%
25-896	7,577	0.0016817%
25-898	121,520	0.0269711%
25-912	3,549,767	0.7878644%
25-914	413,966	0.0918790%
25-930	22,250	0.0049383%
25-931	108	0.0000240%
25-935	19,458	0.0043187%
25-937	744	0.0001651%
25-938	12,137	0.0026938%
25-939	36,219	0.0080387%
25-942	-	0.0000000%
25-943	21,833	0.0048458%
25-948	12,361	0.0027435%
25-950	4,256	0.0009446%
25-953	13,704	0.0030416%
26-001	566,419	0.1257157%
26-002	216,875	0.0481350%
26-010	83,967	0.0186363%
26-013	151,501	0.0336254%
26-017	261,778	0.0581012%
26-019	243,475	0.0540388%
26-020	259,905	0.0576854%
26-374	295,397	0.0655628%
26-876	74,881	0.0166197%
27-001	111,446	0.0247352%
27-019	499,474	0.1108574%
27-142	333,933	0.0741158%
27-762	144,114	0.0319858%
28-001	352,821	0.0783080%
28-005	634,014	0.1407183%
28-006	497,753	0.1104754%
28-014	134,711	0.0298989%
28-019	795,848	0.1766370%
28-020	263,906	0.0585735%
28-023	292,797	0.0649858%
29-001	282,253	0.0626455%
29-004	150,502	0.0334036%
29-011	520,552	0.1155356%
29-013	284,689	0.0631862%
29-209	814,893	0.1808640%
29-223	855,760	0.1899344%
29-401	193,299	0.0429024%
29-406	1,845,283	0.4095573%
29-706	207,217	0.0459914%
29-800	-	0.0000000%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
1 7 -	-	
29-899	16,652	0.0036959%
29-909	216,747	0.0481066%
30-001	228,415	0.0506963%
30-027	323,799	0.0718666%
30-028	236,654	0.0525249%
30-115	317,035	0.0703654%
31-001	1,658,597	0.3681226%
31-004	9,802	0.0021755%
31-015	298,065	0.0661550%
31-044	545,428	0.1210568%
31-046	1,410,979	0.3131643%
31-047	513,735	0.1140226%
31-048	1,504,396	0.3338980%
31-049	2,053,706	0.4558164%
31-119	11,274,162	2.5022801%
31-155	71,599	0.0158913%
31-175	544,350	0.1208175%
31-182	257,403	0.0571301%
31-184	209,423	0.0464811%
31-212	285,434	0.0633516%
31-218	326,366	0.0724363%
31-220	395,498	0.0877801%
31-231	669,573	0.1486105%
31-248	347,395	0.0771037%
31-252	1,032,372	0.2291331%
31-253	1,740,629	0.3863295%
31-256	1,496,506	0.3321468%
31-261	1,171,663	0.2600485%
31-268	409,092	0.0907972%
31-310	622,649	0.1381958%
31-733	1,839,005	0.4081639%
31-736	1,026,294	0.2277841%
31-800	131,956	0.0292874%
31-803	-	0.0000000%
31-804	19,160	0.0042525%
31-807	78,641	0.0174542%
31-810	21,172	0.0046991%
31-812	(505)	-0.0001121%
31-815	158,798	0.0352449%
31-817	-	0.0000000%
31-818 31-823	41,542	0.0092202%
	9,450	0.0020974%
31-824	20,136	0.0044691%
31-825	26,154 742	0.0058048%
31-832	742 157 547	0.0001647%
31-838 31-841	157,547	0.0349673% 0.0025555%
J I=U+ I	11,514	0.0023333%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
	4-0.440	
31-845	159,142	0.0353213%
31-846	44,948	0.0099761%
31-848	27,224	0.0060423%
31-849	11,644	0.0025844%
31-856	22,027	0.0048889%
31-868	49,192	0.0109181%
31-873	243,580	0.0540621%
31-877	51,639	0.0114612%
31-878	47.500	0.0000000%
31-883	17,593	0.0039047%
31-896	48,367	0.0107350%
31-900	118,096	0.0262112%
32-001	208,144	0.0461972%
32-002	127,520	0.0283028%
32-003	112,946	0.0250682%
32-005	258,403	0.0573521%
32-006	116,107	0.0257697%
32-009	128,303	0.0284766%
32-010	235,984	0.0523762%
32-011 32-138	63,967	0.0141974%
33-003	1,383,088 82,482	0.3069739%
33-008	133,232	0.0183067% 0.0295706%
33-008	188,250	0.0293700%
33-012	116,605	0.0258803%
33-151	399,099	0.0236603%
33-301	140,779	0.0312456%
34-004	119,984	0.0266302%
34-286	352,817	0.0783071%
35-006	96,573	0.0214342%
35-007	244,750	0.0543218%
35-014	212,313	0.0471225%
35-232	349,692	0.0776135%
35-715	326,022	0.0723600%
35-729	530,173	0.1176709%
35-904	521,514	0.1157491%
36-018	259,334	0.0575587%
36-019	180,165	0.0399873%
36-022	147,408	0.0327169%
36-226	515,591	0.1144345%
36-336	428,865	0.0951858%
37-015	929,448	0.2062893%
38-016	338,040	0.0750274%
38-018	445,424	0.0988611%
39-012	131,767	0.0292454%
39-014	173,048	0.0384077%
39-024	176,402	0.0391521%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
39-025	250,993	0.0557074%
39-110	426,240	0.0946032%
39-174	466,180	0.1034678%
39-246	271,376	0.0602314%
40-015	210,497	0.0467194%
40-149	493,221	0.1094695%
40-205	277,780	0.0616528%
41-001	222,737	0.0494361%
41-010	312,914	0.0694507%
41-025	284,260	0.0630910%
41-027	318,096	0.0706008%
41-192	333,996	0.0741298%
41-196	154,016	0.0341836%
41-721	624,611	0.1386313%
41-766	89,768	0.0199238%
41-900	182,728	0.0405562%
42-001	334,730	0.0742927%
42-004	180,389	0.0400370%
42-007	133,367	0.0296006%
42-008	204,256	0.0453343%
42-011	157,521	0.0349615%
42-168	561,639	0.1246548%
42-714	206,071	0.0457371%
43-001	266,355	0.0591170%
43-003	234,691	0.0520892%
43-005	595,259	0.1321167%
43-008	856,835	0.1901730%
43-009	611,730	0.1357724%
43-014	686,124	0.1522840%
43-238	395,377	0.0877532%
43-239	2,090,568	0.4639978%
43-329	73,001	0.0162024%
43-397	2,006,396	0.4453160%
43-551	2,108,875	0.4680610%
43-702	203,837	0.0452413%
43-836	8,627	0.0019147%
44-001	65,384	0.0145119%
44-016	319,405	0.0708914%
44-017	363,332	0.0806409%
44-022	271,876	0.0603424%
44-024	269,834	0.0598892%
44-025	184,954	0.0410502%
44-148	322,099	0.0714893%
44-319	232,938	0.0517002%
44-771	161,025	0.0357392%
45-001	327,439	0.0726745%
45-007	804,573	0.1785735%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
45-016	248,724	0.0552038%
45-029	423,787	0.0940588%
45-031	734,405	0.1629999%
45-032	420,522	0.0933341%
45-033	332,061	0.0737003%
45-034	291,504	0.0646988%
45-170	1,299,983	0.2885289%
45-267	304,075	0.0674889%
45-394	487,595	0.1082208%
45-737	466,619	0.1035653%
45-856	31,661	0.0070271%
45-866	34,840	0.0077327%
46-005	139,068	0.0308659%
46-018	328,295	0.0728645%
46-019	323,191	0.0717317%
46-109	480,297	0.1066011%
46-601	184,010	0.0408407%
46-752	215,969	0.0479339%
47-001	195,222	0.0433292%
47-004	733,979	0.1629053%
47-009	286,353	0.0635555%
47-010	199,125	0.0441954%
47-028	357,546	0.0793567%
47-029	574,404	0.1274879%
47-031	272,909	0.0605717%
47-136	1,385,393	0.3074855%
47-157	2,050,963	0.4552076%
47-234	269,393	0.0597913%
47-266	848,119	0.1882385%
47-276	430,750	0.0956042%
47-287	924,855	0.2052699%
47-302	702,266	0.1558667%
47-389	234,478	0.0520420%
47-725	353,161	0.0783835%
47-800	37,859	0.0084027%
47-801 47-806	55,308	0.0122755%
47-838	8,800	0.0019531%
47-856	18,336 13,415	0.0040696% 0.0029774%
47-876	12,168	0.0029774%
47-885	15,028	0.0027007%
47-887	44,133	0.0033334%
47-888	20,218	0.0097952%
47-890	24,509	0.0054397%
47-891	24,509 27,974	0.0054597%
47-903	3,944	0.0002088%
48-001	445,893	0.0989652%
TO 00 I	 0,000	0.0000002 /0

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
48-008	251,861	0.0559001%
48-013	645,683	0.1433082%
48-015	1,558,460	0.3458974%
48-016	846,191	0.1878106%
48-195	7,399,762	1.6423639%
48-229	594,909	0.1320390%
48-254	1,601,070	0.3553546%
48-260	789,362	0.1751975%
48-800	54,079	0.0120027%
48-801	28,307	0.0062827%
48-802	93,185	0.0206822%
48-803	46,116	0.0102354%
48-804	18,287	0.0040588%
48-805	58,829	0.0130570%
48-807	13,568	0.0030114%
48-809	24,580	0.0054555%
48-811	27,757	0.0061606%
48-812	26,042	0.0057800%
48-813	16,887	0.0037480%
48-815	145,400	0.0322713%
48-821	80,597	0.0178884%
48-822	70,765	0.0157062%
48-823	60,100	0.0133391%
48-824	24,300	0.0053933%
48-825	92,586	0.0205493%
48-828	40,399	0.0089665%
48-830	409	0.0000908%
48-831	565,320	0.1254718%
48-832	103,650	0.0230049%
48-834	8,550	0.0018977%
48-835	10,538	0.0023389%
48-837	1,835	0.0004073%
48-838	26,541	0.0058907%
48-841	-	0.000000%
48-843	34,968	0.0077611%
48-845	27,779	0.0061655%
48-847	41,116	0.0091256%
48-850	21,262	0.0047191%
48-853	795,580	0.1765776%
48-858	26,764	0.0059402%
48-859	10,830	0.0024037%
48-860	51,176	0.0113584%
48-861	43,321	0.0096150%
48-867	42,134	0.0093516%
48-885	2,155	0.0004783%
49-006	282,048	0.0626000%
49-018	282,476	0.0626950%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
49-019	360,347	0.0799784%
49-228	322,367	0.0715488%
49-754	178,593	0.0396384%
50-001	384,748	0.0853941%
50-002	779,163	0.1729338%
50-005	894,337	0.1984965%
50-006	513,824	0.1140423%
50-000	179,834	0.0399138%
50-012	90,102	0.0199980%
50-013	252,464	0.0560339%
50-014	303,109	0.0672745%
50-016	192,925	0.0428194%
50-019	111,543	0.0247568%
50-020	118,393	0.0262771%
50-021	389,786	0.0865123%
50-116	312,066	0.0692625%
50-193	315,709	0.0700710%
50-210	2,291,341	0.5085590%
50-741	168,941	0.0374962%
50-800	21,182	0.0047013%
50-802	48,111	0.0106782%
50-808	108,370	0.0240525%
50-810	34,299	0.0076126%
50-812	60,317	0.0133873%
50-831	32,848	0.0072906%
50-836	40,546	0.0089991%
50-840	7,701	0.0017092%
50-850	-	0.0000000%
50-851	26,062	0.0057844%
50-875	33,803	0.0075025%
50-880	6,560	0.0014560%
50-892	55,989	0.0124267%
50-900	654,238	0.1452070%
51-011	211,615	0.0469676%
51-016	151,424	0.0336083%
51-017	349,926	0.0776654%
51-018	217,426	0.0482573%
51-162	981,854	0.2179207%
51-750	394,094	0.0874685%
51-767	237,593	0.0527333%
51-808	725	0.0001609%
51-811	274,428	0.0609088%
51-908	1,101,097	0.2443865%
52-001	241,392	0.0535765%
52-020	321,721	0.0714054%
52-021	631,510	0.1401625%
52-022	635,323	0.1410088%
	,	

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
52-023	231,158	0.0513051%
52-201	854,442	0.1896419%
52-217	1,537,549	0.3412562%
52-272	1,394,207	0.3094417%
52-746	322,491	0.0715763%
53-007	133,803	0.0296973%
53-010	176,469	0.0391670%
53-012	455,081	0.1010044%
54-001	158,045	0.0350778%
54-030	144,444	0.0320591%
54-040	122,813	0.0272581%
54-041	169,289	0.0375734%
54-042	198,109	0.0439699%
54-222	621,619	0.1379672%
54-396	205,598	0.0456321%
55-001	494,489	0.1097509%
55-002	172,288	0.0382390%
55-009	123,508	0.0274124%
55-014	192,310	0.0426829%
55-179	624,079	0.1385132%
55-197	961,620	0.2134298%
55-322	174,894	0.0388174%
55-350	252,194	0.0559740%
55-369	450,241	0.0999302%
55-393	125,016	0.0277471%
55-757	390,343	0.0866359%
56-022	570,288	0.1265744%
57-001	847,198	0.1880341%
57-002	268,821	0.0596643%
57-008	123,170	0.0273374%
57-009	222,035	0.0492803%
57-011	879,266	0.1951515%
57-012	442,803	0.0982793%
57-020	357,684	0.0793873%
57-021	3,990	0.0008856%
57-128	4,753,017	1.0549236%
57-165	1,248,304	0.2770588%
57-176	482,114	0.1070043%
57-240	2,178,539	0.4835228%
57-245	574,198	0.1274422%
57-269 57-274	884,918	0.1964060%
57-274 57-200	2,056,559	0.4564496%
57-290 57-297	830,062	0.1842308%
57-297 57-209	1,104,767	0.2452011%
57-298 57-726	1,082,592	0.2402794%
57-726 57-806	425,178 17,210	0.0943675% 0.0038197%
31-000	11,210	0.003018170

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
		2 222 / 222 /
57-808	9,876	0.0021920%
57-810	89,315	0.0198233%
57-811	3,948	0.0008763%
57-814	110,013	0.0244172%
57-815	47,479	0.0105379%
57-816	-	0.0000000%
57-817	-	0.0000000%
57-818	62,507	0.0138733%
57-819	14,289	0.0031714%
57-821	17,097	0.0037946%
57-822	19,084	0.0042357%
57-823	17,097	0.0037946%
57-824	58,831	0.0130574%
57-825	13,811	0.0030653%
57-829	7,966	0.0017680%
57-830	11,056	0.0024539%
57-835	121,706	0.0270124%
57-837	8,834	0.0019607%
57-839	33,518	0.0074393%
57-842	3,941	0.0008747%
57-845	41,577	0.0092279%
57-847	16,589	0.0036819%
57-850	33,923	0.0075291%
57-860	10,465	0.0023227%
57-867	6,194	0.0013747%
57-871	25,004	0.0055496%
57-873	80,178	0.0177954%
57-874	29,382	0.0065213%
57-882	17,479	0.0038794%
57-901	201,222	0.0446609%
57-907	96,347	0.0213840%
58-016	431,801	0.0958375%
59-014	329,460	0.0731231%
59-015	201,906	0.0448127%
59-016	189,201	0.0419928%
59-385	240,549	0.0533894%
59-800	12,483	0.0027706%
60-001	657,999	0.1460417%
60-003	420,028	0.0932245%
60-027	406,685	0.0902630%
60-028	326,005	0.0723562%
60-029	257,448	0.0571401%
60-030	578,006	0.1282874%
60-211	756,894	0.1679913%
60-717	354,666	0.0787175%
60-744	482,155	0.1070134%
60-800	8,909	0.0019773%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
60-801	102,785	0.0228129%
61-018	197,107	0.0437475%
61-313	164,255	0.0364561%
62-006	303,408	0.0673409%
62-007	219,928	0.0488126%
62-010	2,016	0.0004474%
62-012	21,571	0.0047876%
62-014	840	0.0001864%
62-015	358,681	0.0796086%
62-236	438,509	0.0973263%
63-001	160,692	0.0356653%
63-002	96,585	0.0214369%
63-014	225,627	0.0500775%
63-392	284,987	0.0632524%
64-020	383,629	0.0851458%
64-021	158,511	0.0351812%
64-270	348,427	0.0773327%
64-324	199,170	0.0442054%
65-001	124,747	0.0276874%
65-020	351,994	0.0781244%
65-021	735,229	0.1631828%
65-022	308,832	0.0685447%
65-120	475,755	0.1055930%
66-011	227,221	0.0504313%
66-012	277,852	0.0616688%
66-013	262,679	0.0583011%
66-278	332,999	0.0739085%
66-719	131,899	0.0292747%
67-013	464,412	0.1030754%
67-017	305,844	0.0678815%
67-020	258,267	0.0573219%
67-023	365,993	0.0812315%
67-025	267,233	0.0593119%
67-026	221,779	0.0492235%
67-150	706,696	0.1568499%
67-181	600,514	0.1332830%
67-279	698,604	0.1550539%
67-284	494,444	0.1097410%
67-405	149,515	0.0331846%
67-758	208,853	0.0463545%
68-001	151,473	0.0336192%
68-003 68-018	5,790 368 833	0.0012851%
	368,833 173 615	0.0818618% 0.0385335%
68-019 68-020	173,615 223,887	0.0365335%
68-025	223,00 <i>1</i> 154,173	0.0496913%
68-265	468,771	0.0342184%
00-200	400,77	U. 1U4U4Z9 70

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
	4.47.000	0.0007040/
69-001	147,239	0.0326794%
69-005	162,724	0.0361163%
69-006	96,706 65,707	0.0214637%
69-008	65,727	0.0145880%
69-009	111,136	0.0246664%
69-010	110,001	0.0244145%
69-012	71,984	0.0159767%
69-015	100,302	0.0222618%
69-017	130,562	0.0289780%
69-019	256,354	0.0568973%
70-001	252,373	0.0560137%
70-006	518,604	0.1151032%
70-007	135,782	0.0301366%
70-008	505,347	0.1121609%
70-010	159,158	0.0353248%
70-012	311,894	0.0692243%
70-013	190,181	0.0422103%
70-014	301,340	0.0668819%
70-158	741,835	0.1646489%
70-189	361,421	0.0802167%
70-712	402,848	0.0894114%
70-730	409,733	0.0909395%
70-800	53,228	0.0118139%
70-801	103,152	0.0228944%
70-820	27,696	0.0061471%
70-870	11,791	0.0026170%
71-001	319,311	0.0708705%
71-007	201,492	0.0447208%
71-013	394,464	0.0875506%
71-014	163,357	0.0362568%
71-015	361,765	0.0802931%
71-017	217,165	0.0481994%
71-018	239,903	0.0532460%
71-118	638,531	0.1417208%
71-755	266,739	0.0592022%
72-012	263,723	0.0585328%
72-013	193,367	0.0429175%
72-140	781,310	0.1734104%
72-320	417,672	0.0927016%
72-334	164,905	0.0366004%
72-716	235,749	0.0523241%
72-735	556,709	0.1235606%
73-001	307,062	0.0681519%
73-002	201,745	0.0447769%
73-004	120,472	0.0267385%
73-005	113,018	0.0250841%
73-008	273,040	0.0606007%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
73-013	213,742	0.0474397%
73-015	259,529	0.0576020%
73-016	260,764	0.0578761%
73-010	312,595	0.0693799%
73-017	105,260	0.0233623%
73-180	395,240	0.0877228%
73-728	236,277	0.0524413%
73-800	2,632	0.0005842%
73-875	95,984	0.0213035%
74-001	629,576	0.1397333%
74-003	165,311	0.0366905%
74-010	142,608	0.0316516%
74-013	82,026	0.0182055%
74-014	120,236	0.0266862%
74-139	382,180	0.0848242%
74-194	510,686	0.1133458%
74-897	44,897	0.0099648%
75-003	125,934	0.0279508%
75-005	134,817	0.0299224%
75-007	138,362	0.0307092%
75-010	109,657	0.0243382%
75-015	83,714	0.0185802%
75-020	165,328	0.0366943%
75-022	249,838	0.0554511%
75-190	703,062	0.1560434%
75-900	124,570	0.0276481%
76-001	1,165,742	0.2587343%
76-006	467,009	0.1036518%
76-007	281,849	0.0625559%
76-012	1,109,603	0.2462744%
76-013	595,803	0.1322374%
76-022	159,987	0.0355088%
76-024	1,012,541	0.2247317%
76-026	1,197,614	0.2658083%
76-033	332,608	0.0738217%
76-034	436,934	0.0969767%
76-035	322,513	0.0715812%
76-036	285,068	0.0632703%
76-037	238,987	0.0530427%
76-102 76-447	645,275	0.1432176%
76-117	2,611,908	0.5797083%
76-164 76-242	796,558	0.1767946%
76-242 76-262	- 070 760	0.0000000%
76-262 76-381	879,763 530,041	0.1952618%
76-281 76-770	530,041 86,053	0.1176417%
76-770 76-800	00,003	0.0190993% 0.0000000%
70-000	-	0.000000076

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
70.000	40.057	0.0007000/
76-803	12,057	0.0026760%
76-805	11,399	0.0025300%
76-807	15,968	0.0035441%
76-808	19,216	0.0042650%
76-858	29,716	0.0065954%
76-876	32,063	0.0071163%
76-889	15,106	0.0033527%
77-001	340,299	0.0755288%
77-002	650,506	0.1443786%
77-003	554,441	0.1230572%
77-005	384,830	0.0854123%
77-006	316,539	0.0702553%
77-007	805,281	0.1787307%
77-010	152,205	0.0337816%
77-016	507,149	0.1125608%
77-101	5,847,339	1.2978064%
77-106	784,313	0.1740769%
77-127	871,619	0.1934543%
77-237	512,616	0.1137742%
77-257	1,144,089	0.2539285%
77-277	540,600	0.1199852%
77-280	582,131	0.1292029%
77-285	867,687	0.1925816%
77-296	994,907	0.2208178%
77-300	1,291,674	0.2866847%
77-502	6,254,049	1.3880760%
77-765	117,938	0.0261761%
77-803	35,339	0.0078434%
77-804	43,837	0.0097295%
77-810	9,733	0.0021602%
77-811	14,661	0.0032540%
77-820	8,786	0.0019500%
77-825	39,444	0.0087545%
77-827	14,016	0.0031108%
77-829	35,828	0.0079520%
77-830	62,852	0.0139499%
77-831	33,701	0.0074799%
77-832	17,066	0.0037878%
77-836	15,921	0.0035336%
77-837	12,319	0.0027342%
77-842	10,781	0.0023928%
77-847	47,610	0.0105670%
77-852	9,537	0.0021167%
77-888	15,828	0.0035130%
77-897	17,287	0.0038368%
77-911	266,612	0.0591741%
78-001	629,358	0.1396849%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
78-002	73,161	0.0162380%
78-004	108,912	0.0241728%
78-005	148,460	0.0329504%
78-006	247,036	0.0548292%
78-013	540,391	0.1199388%
78-016	249,406	0.0553552%
78-017	125,999	0.0279653%
78-018	106,211	0.0235733%
78-023	97,514	0.0216431%
78-026	195,960	0.0434930%
78-027	186,967	0.0414970%
78-028	300,939	0.0667929%
78-029	156,408	0.0347145%
78-030	162,280	0.0360178%
78-031	134,017	0.0297448%
78-144	327,715	0.0727358%
78-173	405,178	0.0899285%
78-203	1,376,043	0.3054103%
78-338	396,361	0.0879716%
78-356	198,174	0.0439844%
78-718	260,056	0.0577190%
78-803	62,164	0.0137972%
78-805	18,768	0.0041655%
78-833	17,711	0.0039309%
78-865	4,763	0.0010571%
79-001	306,528	0.0680333%
79-019	74,700	0.0165795%
79-029	210,735	0.0467723%
79-031	321,921	0.0714498%
79-032	228,396	0.0506921%
79-132	377,559	0.0837985%
79-172	541,194	0.1201170%
79-198	411,193	0.0912635%
79-354	245,881	0.0545728%
79-763	284,254	0.0630897%
79-800	72,279	0.0160422%
80-020	236,042	0.0523891%
80-022	413,753	0.0918317%
80-345	1,156,929	0.2567783%
81-015	140,166	0.0311096%
81-016	168,810	0.0374671%
81-200	421,133	0.0934697%
81-768	145,942	0.0323916%
82-019	480,627	0.1066743%
83-001	255,896	0.0567957%
83-003	327,677	0.0727273%
83-013	253,583	0.0562823%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

83-014 1,058,452 0.2349215	1%
83-014 1,058,452 0.2349218	1%
00.045	
83-015 1,013,827 0.225017 ²	
83-161 997,481 0.221389 ⁻¹	
83-167 2,442,666 0.5421453	
83-225 603,409 0.1339255	
83-273 1,143,431 0.2537825	
83-769 282,331 0.0626629	
83-800 48,728 0.010815 ⁻¹	
83-887 17,112 0.0037980	
83-900 377,665 0.083822 ⁻	
84-005 210,999 0.0468308	
84-020 444,730 0.0987070	
84-023 138,721 0.0307889	
84-024 144,481 0.0320673	
84-160 499,592 0.1108835	
84-249 232,590 0.0516229	
84-734 174,980 0.0388365	
84-753 228,758 0.0507724	
85-001 350,815 0.0778628	
85-005 246,029 0.0546057	
85-006 277,959 0.0616925	
85-010 165,852 0.0368106	
85-011 212,460 0.047155	
85-014 313,399 0.0695583	
85-016 178,043 0.0395163	
85-021 289,851 0.0643319	
85-208 904,555 0.2007644	
85-235 272,890 0.0605674	
85-364 161,539 0.0358533	
85-709 216,902 0.0481410	
85-870 3,395 0.0007535	
85-907 160,049 0.0355226	
86-007 130,425 0.0289476	
86-016 77,716 0.0172489	
86-020 106,136 0.0235567	
86-021 133,083 0.0295375	
86-022 143,374 0.0318216	
86-213 443,917 0.0985266	
86-351 203,692 0.045209	
87-001 709,962 0.1575748	
87-012 247,576 0.0549490	
87-019 154,456 0.0342812	
87-026 216,771 0.0481119	
87-035 272,537 0.060489 ⁻²	
87-036 279,522 0.0620394	
87-037 282,999 0.0628117	
87-113 610,941 0.1355973	3%

Schedule of Employer Allocations As of and for the Year Ended June 30, 2018

Employer Code	2018 Actual Employer Contribution	Employer Allocation Percentage
87-361	1,000,499	0.2220590%
87-383	383,444	0.0851047%
87-701	456,491	0.1013174%
87-738	1,631,420	0.3620907%
88-012	179,694	0.0398828%
88-314	169,083	0.0375277%
88-371	283,636	0.0629522%
TOTAL	\$ 450,555,564	100.0000000%

		Deferred Outflows of Resources for the year ended June 30, 2018						Deferred Inflows	of Resources for the	Pension Expense for the year ended June 30, 2018**				
					Changes in Employer Proportion and					Changes in Employer Proportion and			Deferred Amounts from Changes in Proportion and	,
Employer Code	Net Pension Liability	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Differences Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Differences Between Contributions and Proportionate Share of Pension Expense	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
01-009	\$ 10,331,905	\$ 312,358	\$ -	\$ -	\$ 457,194	769,552	\$ -	\$ (351,179)	\$ -	\$ - 9	(351,179)	\$ 377,091	\$ 298,820	\$ 675,911
01-023	2,139,493	64,682	-	-	-	64,682	-	(72,721)	-	(354,638)	(427,359)	78,087	(231,789)	(153,702)
02-001	2,296,326	69,423	-	-	-	69,423	-	(78,052)	-	(100,972)	(179,024)	83,811	(65,995)	17,816
02-003	4,307,290	130,219	-	-	1,506	131,725	-	(146,404)	-	-	(146,404)	157,206	984	158,190
02-006	5,679,546	171,706	-	-	113,094	284,800	-	(193,046)	-	-	(193,046)	207,290	73,918	281,208
02-009	2,174,269	65,733	-	-	76,944	142,677	-	(73,903)	-	-	(73,903)	79,356	50,290	129,646
02-010	6,275,546	189,724	-	-	-	189,724	-	(213,304)	-	(34,409)	(247,713)	229,043	(22,489)	206,554
02-011	2,219,153	67,090	-	-	67,097	134,187	-	(75,428)	-	-	(75,428)	80,994	43,854	124,848
02-013	2,094,369	63,318	-	-	42,801	106,119	-	(71,187)	-	-	(71,187)	76,440	27,975	104,415
02-131	1,922,204	58,113	-	-	91,024	149,137	-	(65,335)	-	-	(65,335)	70,156	59,492	129,648
02-154	12,423,141	375,581	-	-	-	375,581	-	(422,259)	-	(114,340)	(536,599)	453,416	(74,732)	378,684
02-308	2,159,281	65,280	-	-	62,825	128,105	-	(73,393)	-	-	(73,393)	78,809	41,062	119,871
02-761	3,712,613	112,241	-	-	-	112,241	-	(126,191)	-	(203,451)	(329,642)	135,502	(132,975)	2,527
02-874	119,028	3,598	-	-	10,179	13,777	-	(4,046)	-	-	(4,046)	4,344	6,653	10,997
02-895	593,508	17,943	-	-	-	17,943	-	(20,173)	-	(42,481)	(62,654)	21,662	(27,766)	(6,104)
02-900	1,853,243	56,028	-	-		56,028	-	(62,991)	-	(155,961)	(218,952)	67,639	(101,936)	(34,297)
03-013	1,654,538	50,021	-	-	35,408	85,429	-	(56,237)	-	- (00.000)	(56,237)	60,387	23,142	83,529
03-014	1,955,559	59,121	-	-	-	59,121	-	(66,469)	-	(38,928)	(105,397)	71,373	(25,443)	45,930
03-103	6,165,939	186,411	-	-	70,342	256,753	-	(209,579)	-	-	(209,579)	225,043	45,975	271,018
03-343	3,284,048	99,284	-	-	123,639	222,923	-	(111,624)	-	-	(111,624)	119,860	80,810	200,670
03-747	1,388,745	41,985	-	-	3,043	45,028	-	(47,203)	-	-	(47,203)	50,686	1,989	52,675
04-001	2,601,751	78,657	-	-	6,142	84,799	-	(88,433)	-	(77.470)	(88,433)	94,958	4,014	98,972
04-019	2,623,692	79,320	-	-	05.044	79,320	-	(89,179)	-	(77,472)	(166,651)	95,759	(50,635)	45,124
04-031	3,416,094	103,277	-	-	95,814	199,091	-	(116,112)	-	-	(116,112)	124,680	62,623	187,303
04-033	2,877,956	87,007	-	-	44,151	131,158	-	(97,821)	-	(40.470)	(97,821)	105,039	28,857	133,896
04-034	3,817,100	115,400	-	-	07.440	115,400	-	(129,742)	-	(13,476)	(143,218)	139,315	(8,808)	130,507
04-104 04-125	8,274,757	250,165	-	-	27,446	277,611	-	(281,257)	-	(226, 226)	(281,257)	302,010	17,938	319,948
04-125 04-244	4,026,853	121,741 130,396	-	-	-	121,741	-	(136,872) (146,602)	-	(226,326)	(363,198)	146,971 157,419	(147,925)	(954) 100,717
04-244	4,313,115 2,510,878	75,910	-	-	34,362	130,396 110,272	-	(85,344)	-	(86,754)	(233,356) (85,344)	91,641	(56,702) 22,459	114,100
05-001	4,060,019	122,744	-	-	34,302	122,744	-	(137,999)	-	(207,701)	(345,700)	148,181	(135,753)	12,428
05-001	2,953,246	89,284	-	-	-	89,284	-	(100,380)	-	(14,372)	(114,752)	107,787	(9,394)	98,393
05-000	4,640,572	140,295	-	-	-	140,295	-	(157,732)	-	(131,394)	(289,126)	169,370	(85,879)	83,491
05-017	3,640,817	110,070	-	-	115,493	225,563	-	(123,750)	-	(131,394)	(123,750)	132,881	75,486	208,367
05-105	7,389,598	223,405	_	_	110,430	223,405		(251,171)	_	(103,302)	(354,473)	269,703	(67,517)	202,186
05-169	3,598,579	108,793	-	-	115,404	224,197	-	(122,315)	-	(100,002)	(122,315)	131,340	75,427	206,767
05-710	2,114,717	63,933	-	-	8,429	72,362	_	(71,879)	-	-	(71,879)	77,182	5,509	82,691
05-710	10,936,759	330,644	-	-	-	330,644	_	(371,738)	-	(681,311)	(1,053,049)	399,167	(445,302)	(46,135)
06-001	3,631,963	109,803	_	_	137,167	246,970	_	(123,450)	_	(001,011)	(123,450)	132,558	89,652	222,210
06-001	1,641,726	49,633	_	-	53,739	103,372	_	(55,802)	_	<u>.</u>	(55,802)	59,919	35,123	95,042
06-010	1,848,031	55,870	_	_	47,001	102,871	_	(62,814)	_	_	(62,814)	67,449	30,720	98,169
06-011	989,010	29,900	_	_	13,007	42,907	_	(33,616)	_	_	(33,616)	36,097	8,502	44,599
	222,2.0	20,000			. 5,55.	,		(30,0.0)			(55,5.5)	55,501	5,552	,000

		Deferred Outflows of Resources for the year ended June 30, 2018						Deferred Inflows	of Resources for the	Pension Expense for the year ended June 30, 2018**				
					Changes in					Changes in			Deferred Amounts	
					Employer					Employer			from Changes in	
					Proportion and					Proportion and			Proportion and	
		Differences	Differences		Differences		Differences	Differences		Differences			Differences	
		Between	Between		Between		Between	Between		Between			Between Employer	
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
		and Actual	and Actual		Proportionate	Deferred	and Actual	and Actual		and Proportionate	Deferred	Share of	and Proportionate	Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
06-017	1,871,037	56,566	-	-	62,654	119,220	-	(63,596)	-	-	(63,596)	68,289	40,951	109,240
06-185	4,548,983	137,526	-	-	162,367	299,893	-	(154,619)	-	-	(154,619)	166,027	106,122	272,149
06-202	5,755,993	174,017	-	-	226,028	400,045	-	(195,645)	-	-	(195,645)	210,081	147,730	357,811
07-020	4,077,533	123,273	-	-	289,596	412,869	-	(138,594)	-	-	(138,594)	148,821	189,279	338,100
07-026	1,583,040	47,859	-	-	58,080	105,939	-	(53,807)	-	-	(53,807)	57,777	37,961	95,738
07-108	3,476,676	105,108	-	-	114,400	219,508	-	(118,171)	-	-	(118,171)	126,891	74,772	201,663
07-163	3,373,157	101,978	-	-	207,977	309,955	-	(114,653)	-	-	(114,653)	123,113	135,932	259,045
07-294	3,283,504	99,268	-	-	123,564	222,832	-	(111,605)	-	-	(111,605)	119,840	80,761	200,601
07-304	2,943,498	88,989	_	_	58,545	147,534	_	(100,049)	_	_	(100,049)	107,431	38,265	145,696
07-309	2,413,648	72,970	_	_	93,441	166,411	_	(82,039)	_	_	(82,039)	88,093	61,072	149,165
07-724	1,233,487	37,291	_	_	120,505	157,796	_	(41,926)	_	_	(41,926)	45,019	78,762	123,781
07-748	1,962,065	59,318	_	_		59,318	_	(66,690)	_	(57,084)	(123,774)	71,611	(37,310)	34,301
08-001	2,768,567	83,700	_	_	49,626	133,326	_	(94,103)	_	(0.,00.)	(94,103)	101,046	32,435	133,481
08-005	1,937,764	58,583	_	_	67,278	125,861	_	(65,864)	_	_	(65,864)	70,724	43,972	114,696
08-011	6,627,756	200,373		_	-	200,373	_	(225,276)	_	(212,143)	(437,419)	241,898	(138,656)	103,242
08-013	2,342,316	70,814	_	_	67,166	137,980	_	(79,615)	_	(212,110)	(79,615)	85,489	43,899	129,388
08-017	3,159,133	95,508	_	_	07,100	95,508	_	(107,378)	_	(128,001)	(235,379)	115,301	(83,661)	31,640
08-333	2,282,787	69,014			100,137	169,151		(77,591)		(120,001)	(77,591)	83,317	65,449	148,766
08-743	1,572,691	47,546			100,137	47,546		(53,455)		(27,008)	(80,463)	57,400	(17,652)	39,748
09-001	23,475,308	709,713		_	1,807,825	2,517,538		(797,920)		(27,000)	(797,920)	856,795	1,181,585	2,038,380
09-006	3,874,647	117,140	-	_	98,916	216,056	-	(131,698)	_	_	(131,698)	141,416	64,651	206,067
09-009	2,273,710	68,740	-	-	80,109	148,849	-	(77,283)	-	-	(77,283)	82,985	52,358	135,343
09-009	6,822,744	206,267	-	-	377,780	584,047	-	(231,903)	-	-	(231,903)	249,015	246,915	495,930
09-013	46,572,594	1,407,998	-	-	570,940	1,978,938	-	(1,582,991)	-		(1,582,991)	1,699,793	373,163	2,072,956
09-024	6,862,800	207,478	-	-	,	770,799	-	(233,265)	-	-	(233,265)	250,476	368,184	618,660
09-024			-	-	563,321		-		-					
	8,004,870	242,006	-	-	4 702 050	242,006	-	(272,083)	-	(66,384)	(338,467)	292,159	(43,389)	248,770
09-147	26,819,154	810,806	-	-	1,783,959	2,594,765	-	(911,576)	-	-	(911,576)	978,838	1,165,987	2,144,825
09-166	14,082,610	425,750	-	-	263,184	688,934	-	(478,664)	-	-	(478,664)	513,983	172,016	685,999
09-291	23,384,945	706,981	-	-	1,183,985	1,890,966	-	(794,848)	-	- (444.450)	(794,848)	853,497	773,847	1,627,344
09-299	8,815,954	266,527	-	-	-	266,527	-	(299,652)	-	(111,459)	(411,111)	321,762	(72,849)	248,913
09-760	11,492,221	347,437	-	-	271,296	618,733	-	(390,618)	-	-	(390,618)	419,440	177,317	596,757
09-800	-	-	-	-	-	-	-	-	-	(10,522)	(10,522)	-	(6,877)	(6,877)
09-820	388,028	11,731	-	-	-	11,731	-	(13,189)	-	(480)	(13,669)	14,162	(314)	13,848
09-835	236,012	7,135	-	-	45,896	53,031	-	(8,022)	-	- ·	(8,022)	8,614	29,997	38,611
09-846	23,900	723	-	-	-	723	-	(812)	-	(47,744)	(48,556)	872	(31,206)	(30,334)
09-870	291,485	8,812	-	-	5,666	14,478	-	(9,908)	-	-	(9,908)	10,639	3,704	14,343
09-884	131,616	3,979	-	-	-	3,979	-	(4,474)	-	(34,104)	(38,578)	4,804	(22,290)	(17,486)
10-003	1,446,023	43,717	-	-	58,803	102,520	-	(49,150)	-	-	(49,150)	52,777	38,433	91,210
10-315	4,656,396	140,774	-	-	224,187	364,961	-	(158,270)	-	-	(158,270)	169,948	146,528	316,476
11-001	4,687,690	141,720	-	-	75,662	217,382	-	(159,333)	-	-	(159,333)	171,090	49,453	220,543
11-007	2,318,113	70,082	-	-	-	70,082	-	(78,792)	-	(37,043)	(115,835)	84,606	(24,211)	60,395
11-008	2,778,681	84,006	-	-	106,943	190,949	-	(94,447)	-	-	(94,447)	101,415	69,897	171,312

		Deferred Outflows of Resources for the year ended June 30, 2018						Deferred Inflows	of Resources for the	Pension Expense for the year ended June 30, 2018**				
					Changes in Employer Proportion and					Changes in Employer Proportion and			Deferred Amounts from Changes in Proportion and	
Employer Code	Net Pension Liability	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Differences Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Differences Between Contributions and Proportionate Share of Pension Expense	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
11-012	4,588,363	138,717	_	-	_	138,717	_	(155,957)	-	(288,191)	(444,148)	167,465	(188,360)	(20,895)
11-199	4,565,220	138,017	-	-	-	138,017	-	(155,171)	-	(39,378)	(194,549)	166,620	(25,737)	140,883
11-346	1,935,319	58,509	-	-	-	58,509	-	(65,781)	-	(32,721)	(98,502)	70,635	(21,387)	49,248
12-001	2,129,728	64,387	-	-	328,660	393,047	-	(72,389)	-		(72,389)	77,730	214,810	292,540
12-007	3,871,560	117,046	-	-	-	117,046	-	(131,593)	-	(186,410)	(318,003)	141,303	(121,836)	19,467
12-009	7,631,079	230,705	-	-	205,658	436,363	-	(259,378)	-	-	(259,378)	278,517	134,417	412,934
12-011	8,072,594	244,053	-	-	· •	244,053	-	(274,385)	-	(110,647)	(385,032)	294,631	(72,319)	222,312
12-013	2,189,423	66,191	_	-	-	66,191	-	(74,418)	-	(82,015)	(156,433)	79,909	(53,605)	26,304
12-014	4,607,343	139,291	-	-	74,119	213,410	-	(156,602)	-	-	(156,602)	168,157	48,443	216,600
12-016	3,949,719	119,409	-	-	· -	119,409	-	(134,250)	-	(6,503)	(140,753)	144,156	(4,251)	139,905
12-191	20,819,836	629,432	-	-	-	629,432	-	(707,661)	-	(1,428,231)	(2,135,892)	759,876	(933,485)	(173,609)
12-703	2,693,799	81,440	-	-	125,503	206,943	-	(91,562)	-	-	(91,562)	98,317	82,028	180,345
12-723	13,547,554	409,574	-	-	· •	409,574	-	(460,478)	-	(50,153)	(510,631)	494,455	(32,779)	461,676
12-816	258,027	7,801	-	-	-	7,801	-	(8,770)	-	(1,296)	(10,066)	9,417	(847)	8,570
12-871	412,879	12,482	-	-	76,465	88,947	-	(14,034)	-	-	(14,034)	15,069	49,977	65,046
12-890	130,305	3,939	-	-	· -	3,939	-	(4,429)	-	(13,684)	(18,113)	4,756	(8,943)	(4,187)
13-001	5,583,628	168,806	-	-	155,154	323,960	-	(189,786)	-	-	(189,786)	203,790	101,408	305,198
13-003	5,303,064	160,324	-	-	1,144,248	1,304,572	-	(180,250)	-	-	(180,250)	193,550	747,874	941,424
13-004	3,907,275	118,126	-	-	224,192	342,318	-	(132,807)	-	-	(132,807)	142,607	146,530	289,137
13-007	2,447,948	74,007	-	-	92,733	166,740	-	(83,205)	-	-	(83,205)	89,344	60,609	149,953
13-008	7,276,074	219,973	-	-	197,460	417,433	-	(247,312)	-	-	(247,312)	265,560	129,059	394,619
13-027	2,393,162	72,351	-	-	· -	72,351	-	(81,343)	-	(35,778)	(117,121)	87,345	(23,384)	63,961
13-029	4,351,630	131,560	-	-	-	131,560	-	(147,911)	-	(55,286)	(203, 197)	158,825	(36,134)	122,691
13-030	19,057,203	576,144	-	-	262,333	838,477	-	(647,749)	-	-	(647,749)	695,544	171,459	867,003
13-388	20,440,731	617,971	-	-	941,782	1,559,753	-	(694,775)	-	-	(694,775)	746,040	615,543	1,361,583
13-399	7,282,414	220,164	-	-	-	220,164	-	(247,527)	-	(179,237)	(426,764)	265,791	(117,149)	148,642
13-764	1,664,108	50,310	-	-	68,846	119,156	-	(56,563)	-	-	(56,563)	60,736	44,998	105,734
14-001	1,487,602	44,974	-	-	-	44,974	-	(50,563)	-	(8,606)	(59,169)	54,294	(5,625)	48,669
14-003	4,281,982	129,454	-	-	-	129,454	-	(145,543)	-	(92,182)	(237,725)	156,283	(60,250)	96,033
14-017	4,003,973	121,049	-	-	76,133	197,182	-	(136,094)	-	-	(136,094)	146,136	49,760	195,896
14-018	4,100,413	123,965	-	-	289,632	413,597	-	(139,372)	-	-	(139,372)	149,656	189,302	338,958
14-207	6,328,299	191,319	-	-	105,210	296,529	-	(215,097)	-	-	(215,097)	230,968	68,764	299,732
15-001	3,835,799	115,965	-	-	-	115,965	-	(130,378)	-	(159,493)	(289,871)	139,998	(104,244)	35,754
15-002	3,299,305	99,746	-	-	-	99,746	-	(112,143)	-	(294,315)	(406,458)	120,417	(192,362)	(71,945)
15-021	2,301,521	69,580	-	-	65,143	134,723	-	(78,228)	-	-	(78,228)	84,000	42,577	126,577
15-022	2,701,599	81,676	-	-	-	81,676	-	(91,827)	-	(10,461)	(102,288)	98,602	(6,837)	91,765
15-023	2,724,405	82,365	-	-	157,591	239,956	-	(92,602)	-	-	(92,602)	99,435	103,000	202,435
15-024	1,875,779	56,709	-	-	14,005	70,714	-	(63,757)	-	-	(63,757)	68,462	9,154	77,616
15-134	5,880,336	177,776	-	-	-	177,776	-	(199,871)	-	(83,248)	(283,119)	214,619	(54,410)	160,209
15-135	2,378,912	71,920	-	-	122,979	194,899	-	(80,859)	-	- 1	(80,859)	86,825	80,379	167,204
15-186	3,979,174	120,300	-	-	47,119	167,419	-	(135,251)	-	-	(135,251)	145,231	30,796	176,027
15-321	2,048,694	61,937	-	-	-	61,937	-	(69,635)	-	(28,055)	(97,690)	74,773	(18,336)	56,437

		Deferred Outflows of Resources for the year ended June 30, 2018						Deferred Inflows	of Resources for the	Pension Expense for the year ended June 30, 2018**				
		Differences	Differences		Changes in Employer Proportion and Differences		Differences	Differences		Changes in Employer Proportion and Differences			Deferred Amounts from Changes in Proportion and Differences	
Employer Code	Net Pension Liability	Between Expected and Actual Economic Experience	Between Projected and Actual Investment Earnings	Changes of Assumptions	Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Between Expected and Actual Economic Experience	Between Projected and Actual Investment Earnings	Changes of Assumptions	Between Contributions and Proportionate Share of Pension Expense	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
15-340	1,850,522	55,946	_	-	16,708	72,654	-	(62,899)	-	-	(62,899)	67,540	10,920	78,460
15-341	1,417,559	42,856	_	-	-	42,856	-	(48,182)	-	(22,432)	(70,614)	51,738	(14,662)	37,076
15-759	1,649,784	49,877	-	_	_	49,877	_	(56,076)	_	(5,637)	(61,713)	60,213	(3,684)	56,529
15-811	1,185,424	35,838	_	_	_	35,838	_	(40,292)	_	(115,678)	(155,970)	43,265	(75,606)	(32,341)
16-023	3,190,661	96,461	_	_	110,121	206,582	_	(108,450)	_	-	(108,450)	116,452	71,975	188,427
16-024	5,734,802	173,376	_	_	67,477	240,853	_	(194,924)	_	_	(194,924)	209,307	44,102	253,409
16-126	4,244,194	128,312	_	_	374,713	503,025	_	(144,259)	_	_	(144,259)	154,903	244,911	399,814
16-772	915,336	27,673	_	_	-	27,673	_	(31,112)	_	(12,915)	(44,027)	33,408	(8,441)	24,967
17-009	2,335,168	70,598	_	_	56,068	126,666	_	(79,372)	_	(12,515)	(79,372)	85,228	36,645	121,873
17-009		53,224	-	-	30,000	53,224	-	(59,839)	-	(19,173)		64,255	,	51,724
17-014	1,760,514 2,062,004	62,339	-	-	-	62,339	-		-	* ' '	(79,012)	75,258	(12,531)	54,434
		,	-	-	444.070		-	(70,087)	-	(31,860)	(101,947)	,	(20,824)	,
17-114	3,963,321	119,820	-	-	141,879	261,699	-	(134,712)	-	(450.040)	(134,712)	144,652	92,732	237,384
17-141	4,106,873	124,160	-	-	-	124,160	-	(139,592)	-	(159,243)	(298,835)	149,891	(104,080)	45,811
17-323	2,118,555	64,049	-	-	65,780	129,829	-	(72,009)	-	- (000 -00)	(72,009)	77,322	42,993	120,315
18-001	37,917,425	1,146,332	-	-		1,146,332	-	(1,288,804)	-	(992,598)	(2,281,402)	1,383,899	(648,757)	735,142
18-006	4,726,755	142,901	-	-	379,367	522,268	-	(160,661)	-	-	(160,661)	172,516	247,952	420,468
18-007	203,258	6,145	-	-	128,229	134,374	-	(6,909)	-	-	(6,909)	7,418	83,809	91,227
18-008	200,457	6,060	-	-	126,463	132,523	-	(6,813)	-	-	(6,813)	7,316	82,655	89,971
18-009	3,775,538	114,143	-	-	7,382	121,525	-	(128,330)	-	-	(128,330)	137,798	4,825	142,623
18-014	2,839,722	85,851	-	-	272,205	358,056	-	(96,521)	-	-	(96,521)	103,643	177,912	281,555
18-018	98,336	2,973	-	-	62,039	65,012	-	(3,342)	-	-	(3,342)	3,589	40,548	44,137
18-107	14,582,221	440,855	-	-	-	440,855	-	(495,646)	-	(726,702)	(1,222,348)	532,218	(474,968)	57,250
18-111	23,954,221	724,192	-	-	2,541,384	3,265,576	-	(814,198)	-	-	(814,198)	874,274	1,661,035	2,535,309
18-121	183,816,667	5,557,207	-	-	-	5,557,207	-	(6,247,882)	-	(6,596,017)	(12,843,899)	6,708,887	(4,311,122)	2,397,765
18-122	24,073,101	727,786	-	-	-	727,786	-	(818,239)	-	(647,068)	(1,465,307)	878,613	(422,920)	455,693
18-133	9,463,234	286,096	_	-	-	286,096	-	(321,653)	-	(805,820)	(1,127,473)	345,386	(526,680)	(181,294)
18-137	18,897,214	571,307	_	_	217,008	788,315	-	(642,311)	-	-	(642,311)	689,705	141,835	831,540
18-143	10,174,854	307,610	-	_	122,653	430,263	_	(345,841)	_	-	(345,841)	371,359	80,165	451,524
18-152	17,469,954	528,157	_	_	-	528,157	_	(593,799)	_	(306,304)	(900,103)	637,613	(200, 199)	437,414
18-159	11,197,982	338,541	_	_	1,161,216	1,499,757	_	(380,617)	_	-	(380,617)	408,701	758,964	1,167,665
18-178	36,992,353	1,118,365	_	_	-, ,	1,118,365	_	(1,257,361)	-	(1,678,444)	(2,935,805)	1,350,136	(1,097,022)	253,114
18-183	8,462,861	255,852	_	_	_	255,852	_	(287,650)	_	(218,806)	(506,456)	308,875	(143,010)	165,865
18-188	27,680,895	836,858	_	_	_	836,858	_	(940,867)	_	(1,126,618)	(2,067,485)	1,010,289	(736,351)	273,938
18-215	17,982,096	543,641	_	_	20,104	563,745	_	(611,207)	_	(1,120,010)	(611,207)	656,305	13,140	669,445
18-219	10,351,057	312,937	_	_	190,251	503,188	_	(351,830)	_	_	(351,830)	377,790	124,347	502,137
18-221	3,424,244	103,523	-	-	180,201	103,523	-	(116,389)	-	(899,397)	(1,015,786)	124,977		(462,865)
			-	-	-		-		-				(587,842)	, , ,
18-224	5,911,784	178,727	-	-	454 225	178,727	-	(200,940)	-	(30,359)	(231,299)	215,767	(19,843)	195,924
18-230	20,651,600	624,346	-	-	451,335	1,075,681	-	(701,943)	-	(40.544)	(701,943)	753,736	294,991	1,048,727
18-233	15,757,531	476,387	-	-	-	476,387	-	(535,594)	-	(10,544)	(546,138)	575,114	(6,891)	568,223
18-247	15,045,550	454,862	-	-	-	454,862	-	(511,394)	-	(229,610)	(741,004)	549,128	(150,072)	399,056
18-250	8,580,297	259,402	-	-	-	259,402	-	(291,642)	-	(1,105,605)	(1,397,247)	313,161	(722,617)	(409,456)
18-251	12,736,933	385,067	-	-	-	385,067	-	(432,925)	-	(107,622)	(540,547)	464,869	(70,341)	394,528

		Defe	erred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	18	Pension Expens	se for the year ended	June 30, 2018**
		Differences	Differences		Changes in Employer Proportion and Differences		Differences	Differences		Changes in Employer Proportion and Differences			Deferred Amounts from Changes in Proportion and Differences	
Employer Code	Net Pension Liability	Between Expected and Actual Economic Experience	Between Projected and Actual Investment Earnings	Changes of Assumptions	Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Between Expected and Actual Economic Experience	Between Projected and Actual Investment Earnings	Changes of Assumptions	Between Contributions and Proportionate Share of Pension Expense	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
18-258	16,237,801	490,907	_	-	1,277,739	1,768,646	-	(551,919)	-	_	(551,919)	592,643	835,124	1,427,767
18-264	20,720,280	626,422	_	_	481,587	1,108,009	-	(704,277)	-	_	(704,277)	756,243	314,762	1,071,005
18-271	10,872,007	328,686	_	_	22,395	351,081	_	(369,537)	-	_	(369,537)	396,803	14,637	411,440
18-288	17,771,353	537,269	_	_	-	537,269	_	(604,044)	_	(184,805)	(788,849)	648,614	(120,788)	527,826
18-289	19,661,295	594,407	_	_	597,309	1,191,716	_	(668,282)	_	(.0.,000)	(668,282)	717,592	390,398	1,107,990
18-292	11,314,037	342,050	_	_	-	342,050	_	(384,561)	_	(297,262)	(681,823)	412,936	(194,289)	218,647
18-317	7,159,371	216,444	_	_	_	216,444	_	(243,345)	_	(18,359)	(261,704)	261,301	(12,000)	249,301
18-731	5,932,087	179,341	_	_	94,831	274,172	_	(201,630)	_	(10,000)	(201,630)	216,508	61,981	278,489
18-742	4,033,296	121,936	_	_	04,001	121,936	_	(137,091)	_	(27,090)	(164,181)	147,206	(17,706)	129,500
18-801	319,130	9,648	-	-	-	9,648	-		-	(7,222)	(18,069)	11,648		6,928
18-804	14,312	433	-	-	-	433	-	(10,847) (486)	-	(262,965)		522	(4,720) (171,873)	(171,351)
18-805	291,714	8,819	-	-	-	8,819	-	, ,	-	, , ,	(263,451)	10,647	, , ,	, , ,
		,	-	-	-	,	-	(9,915)	-	(64,804)	(74,719)	,	(42,355)	(31,708)
18-807	33,326	1,008	-	-	-	1,008	-	(1,133)	-	(13,828)	(14,961)	1,216	(9,038)	(7,822)
18-808	472,647	14,289	-	-	-	14,289	-	(16,065)	-	(95,479)	(111,544)	17,251	(62,405)	(45,154)
18-809	297,126	8,983	-	-	25,395	34,378	-	(10,099)	-	- (0.005)	(10,099)	10,844	16,598	27,442
18-810	134,743	4,074	-	-	-	4,074	-	(4,580)	-	(9,295)	(13,875)	4,918	(6,075)	(1,157)
18-813	-	-	-	-	-	-	-	-	-	(84,758)	(84,758)		(55,398)	(55,398)
18-816	140,969	4,262	-	-	15,792	20,054	-	(4,791)	-	-	(4,791)	5,145	10,322	15,467
18-817	2,703,409	81,730	-	-		81,730	-	(91,888)	-	(461,071)	(552,959)	98,668	(301,354)	(202,686)
18-818	462,722	13,989	-	-	54,723	68,712	-	(15,728)	-	-	(15,728)	16,888	35,767	52,655
18-819	326,810	9,880	-	-	12,646	22,526	-	(11,108)	-		(11,108)	11,928	8,265	20,193
18-820	2,990	90	-	-	-	90	-	(102)	-	(15,617)	(15,719)	109	(10,208)	(10,099)
18-822	1,020,699	30,858	-	-	16,740	47,598	-	(34,693)	-	-	(34,693)	37,253	10,942	48,195
18-823	4,668,143	141,129	-	-	-	141,129	-	(158,669)	-	(1,126,689)	(1,285,358)	170,377	(736,398)	(566,021)
18-824	548,664	16,587	-	-	-	16,587	-	(18,649)	-	(935,391)	(954,040)	20,025	(611,367)	(591,342)
18-826	373,687	11,297	-	-	80,196	91,493	-	(12,702)	-	-	(12,702)	13,639	52,416	66,055
18-827	180,870	5,468	-	-	46,665	52,133	-	(6,148)	-	-	(6,148)	6,601	30,500	37,101
18-828	357,777	10,816	-	-	-	10,816	-	(12,161)	-	(60,318)	(72,479)	13,058	(39,423)	(26,365)
18-830	422,821	12,783	-	-	6,165	18,948	-	(14,372)	-	-	(14,372)	15,432	4,029	19,461
18-831	280,873	8,491	-	-	-	8,491	-	(9,547)	-	(143,426)	(152,973)	10,251	(93,742)	(83,491)
18-833	435,696	13,172	-	-	-	13,172	-	(14,809)	-	(13,803)	(28,612)	15,902	(9,021)	6,881
18-834	378,378	11,439	-	-	76,862	88,301	-	(12,861)	-	-	(12,861)	13,810	50,237	64,047
18-836	305,643	9,240	-	-	-	9,240	-	(10,389)	-	(66,003)	(76,392)	11,155	(43,139)	(31,984)
18-838	281,543	8,512	-	-	13,829	22,341	-	(9,570)	-	-	(9,570)	10,276	9,038	19,314
18-839	1,021,065	30,869	_	_	208,583	239,452	-	(34,706)	-	_	(34,706)	37,267	136,328	173,595
18-840	119,922	3,626	-	-	24,357	27,983	-	(4,076)	-	_	(4,076)	4,377	15,920	20,297
18-841	291,078	8.800	_	_	35,194	43,994	_	(9,894)	_	_	(9,894)	10,624	23,002	33,626
18-842	373,103	11,280	_	_	22,151	33,431	_	(12,682)	_	_	(12,682)	13,617	14,478	28,095
18-844	155,751	4,709	_	_	-	4,709	_	(5,294)	_	(13,940)	(19,234)	5,685	(9,111)	(3,426)
18-845	300,992	9,100	_	_	3,359	12,459	_	(10,231)	_	(.0,070)	(10,231)	10,986	2,195	13,181
18-846	842,194	25,461	_	_	29,788	55,249	_	(28,626)	_	_	(28,626)	30,738	19,469	50,207
18-848	383,922	11,607	_	_	645	12,252	_	(13,049)	_	_	(13,049)	14,012	422	14,434
10 040	000,022	11,007	-	-	070	12,202	-	(10,040)	_	_	(10,040)	17,012	722	1 7,707

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20)18	Pension Expen	se for the year ended J	June 30, 2018**
Employer Code	Net Pension Liability	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Pension Expense	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
18-849	107,476	3,249	_	_	_	3,249	_	(3,653)	_	(19,925)	(23,578)	3,923	(13,023)	(9,100)
18-851	218,761	6.614	_	_	53.557	60.171	_	(7,436)	_	(10,020)	(7,436)	7.984	35,004	42.988
18-852	554,180	16,754	_	_	117,041	133,795	_	(18,836)	_	_	(18,836)	20,226	76,498	96,724
18-855	365,148	11,039	_	_	117,041	11,039	_	(12,411)		(23,172)	(35,583)	13,327	(15,145)	(1,818)
18-856	270,856	8,189			10,985	19,174	_	(9,206)		(20,172)	(9,206)	9,886	7,179	17,065
18-858	374,363	11,318	-	-	10,905	11,318	-	(12,725)	-	(17,666)	(30,391)	13,663	(11,546)	2,117
			-	-	- 20 F76	,	-		-			,		,
18-862	442,139	13,367	-	-	22,576	35,943	-	(15,028)	-	-	(15,028)	16,137	14,756	30,893
18-867	1,311,714	39,656	-	-	46,326	85,982	-	(44,585)	-	-	(44,585)	47,875	30,279	78,154
18-869	322,693	9,756	-	-	-	9,756	-	(10,968)	-	(44,887)	(55,855)	11,778	(29,338)	(17,560)
18-870	703,539	21,270	-	-	-	21,270	-	(23,913)	-	(47,551)	(71,464)	25,678	(31,079)	(5,401)
18-871	479,652	14,501	-	-	-	14,501	-	(16,303)	-	(49,978)	(66,281)	17,506	(32,666)	(15,160)
18-872	203,498	6,152	-	-	-	6,152	-	(6,917)	-	(29,645)	(36,562)	7,427	(19,376)	(11,949)
18-873	298,071	9,011	-	-	46,810	55,821	-	(10,131)	-	-	(10,131)	10,879	30,595	41,474
18-876	-	-	-	-	-	-	-	-	-	(74,938)	(74,938)	-	(48,979)	(48,979)
18-877	162,171	4,903	-	-	17,103	22,006	-	(5,512)	-	-	(5,512)	5,919	11,179	17,098
18-878	224,918	6,800	-	-	13,573	20,373	-	(7,645)	-	-	(7,645)	8,209	8,872	17,081
18-879	446,159	13,488	-	-	-	13,488	-	(15,165)	-	(4,948)	(20,113)	16,284	(3,234)	13,050
18-880	128,232	3,877	-	-	35,518	39,395	-	(4,359)	-	-	(4,359)	4,680	23,215	27,895
18-881	118,140	3,572	_	_	· -	3,572	_	(4,016)	-	(27,692)	(31,708)	4,312	(18,100)	(13,788)
18-882	199,203	6,022	_	_	-	6,022	_	(6,771)	-	(31,881)	(38,652)	7,270	(20,838)	(13,568)
18-883	173,780	5,254	_	_	_	5,254	_	(5,907)	_	(62,716)	(68,623)	6,343	(40,991)	(34,648)
18-884	249,997	7,558	_	_	_	7,558	_	(8,497)	_	(171,232)	(179,729)	9,124	(111,916)	(102,792)
18-885	223,807	6,766	_	_		6,766	_	(7,607)	_	(52,240)	(59,847)	8,168	(34,144)	(25,976)
18-888	71,974	2,176	_	_	_	2,176	_	(2,446)	_	(53,458)	(55,904)	2,627	(34,940)	(32,313)
18-889	487,853	14,749			12,365	27,114		(16,582)		(00,400)	(16,582)	17,806	8,082	25,888
18-891	5,279,434	159,610	-	_	12,505	159,610	-	(179,447)	-	(661,296)	(840,743)	192,687	(432,219)	(239,532)
18-893			-	-	-	3,721	-		-	• • •		4,492		, ,
	123,071	3,721	-	-	4 740		-	(4,183)	-	(39,519)	(43,702)	3.119	(25,830)	(21,338)
18-894	85,444	2,583	-	-	1,742	4,325	-	(2,904)	-	(0.004)	(2,904)	-, -	1,139	4,258
18-895	106,050	3,206	-	-	-	3,206	-	(3,605)	-	(6,831)	(10,436)	3,871	(4,465)	(594)
18-896			-	-	·		-		-	(2,772)	(2,772)		(1,811)	(1,811)
18-897	630,420	19,059	-	-	90,234	109,293	-	(21,428)	-	-	(21,428)	23,009	58,976	81,985
18-899	386,911	11,697	-	-	61,289	72,986	-	(13,151)	-	-	(13,151)	14,121	40,058	54,179
18-900	163,442	4,941	-	-	-	4,941	-	(5,555)	-	(68,910)	(74,465)	5,965	(45,039)	(39,074)
18-910	3,667,168	110,867	-	-	95,828	206,695	-	(124,646)	-	-	(124,646)	133,843	62,632	196,475
18-930	150,350	4,545	-	-	-	4,545	-	(5,110)	-	(13,361)	(18,471)	5,487	(8,733)	(3,246)
18-931	262,958	7,950	-	-	-	7,950	-	(8,938)	-	(166,594)	(175,532)	9,597	(108,885)	(99,288)
18-935	493,609	14,923	-	-	66,934	81,857	-	(16,778)	-	-	(16,778)	18,016	43,747	61,763
18-946	176,970	5,350	-	-	14,941	20,291	-	(6,015)	-	-	(6,015)	6,459	9,765	16,224
18-947	178,339	5,392	-	_	112,510	117,902	-	(6,062)	-	-	(6,062)	6,509	73,536	80,045
18-948	317,595	9,602	_	_	24,524	34,126	_	(10,795)	_	-	(10,795)	11,592	16,029	27,621
18-950	314,428	9,506	_	_	22,372	31,878	_	(10,687)	_	_	(10,687)	11,476	14,622	26,098
18-951	240,324	7,266	_	_	-	7,266	_	(8,169)	_	(55,223)	(63,392)	8,771	(36,094)	(27,323)
10 001	270,024	1,200	-	-	_	1,200	-	(0,100)	_	(55,225)	(30,032)	0,771	(00,007)	(21,020)

		Defe	rred Outflows of R	Resources for the	year ended June 30, 2	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	18	Pension Expens	se for the year ended J	June 30, 2018**
Employer	Net Pension	Differences Between Expected and Actual Economic	Differences Between Projected and Actual Investment	Changes of	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of	Total Deferred Outflows of	Differences Between Expected and Actual Economic	Differences Between Projected and Actual Investment	Changes of	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of	Total Deferred Inflows of	Proportionate Share of Pension	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of	Total Employer Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
18-952	1,045,005	31,593	-	-	116,876	148,469	-	(35,519)	-	-	(35,519)	38,140	76,389	114,529
18-953	187,416	5,666	-	-	-	5,666	-	(6,370)	-	(16,331)	(22,701)	6,840	(10,674)	(3,834)
18-954	46,258	1,399	-	-	-	1,399	-	(1,572)	-	(4,927)	(6,499)	1,688	(3,220)	(1,532)
18-956	623,759	18,858	-	-	79,155	98,013	-	(21,201)	-	-	(21,201)	22,766	51,736	74,502
18-957	320,276	9,683	_	_	25,518	35,201	-	(10,886)	-	-	(10,886)	11,689	16,679	28,368
18-958	226,315	6,842	-	_	14,996	21,838	_	(7,692)	_	-	(7,692)	8,260	9,802	18,062
19-001	1,114,791	33,703	_	_	24,574	58,277	_	(37,891)	-	_	(37,891)	40,687	16,061	56,748
19-003	1,977,918	59,797	_	_	53,350	113,147	_	(67,229)	_	_	(67,229)	72,189	34,870	107,059
19-028	2,486,538	75,174	_	_	16,868	92,042	_	(84,517)	_	_	(84,517)	90,753	11,025	101,778
19-045	1,901,076	57,474			84,171	141,645		(64,617)			(64,617)	69,385	55,013	124,398
19-046	2,085,509	63,050	-	_	31,982	95,032	-	(70,886)	_	-	(70,886)	76,116	20,903	97,019
19-047	1,630,541	49,295	-	-	75,057	124,352	-	(55,422)	-	-	(55,422)	59,511	49,057	108,568
19-146	5,449,537	164,752	-	-	73,037	164,752	-	(185,228)	-	(66,026)	(251,254)	198,896	(43,155)	155,741
	, ,	,	-	-			-	, , ,	-	. , ,	. , ,	,	, , ,	,
19-372	3,354,126	101,403	-	-	15,315	116,718	-	(114,006)	-	-	(114,006)	122,418	10,010	132,428
20-005	1,860,029	56,233	-	-	2,952	59,185	-	(63,222)	-	-	(63,222)	67,887	1,930	69,817
20-013	2,683,043	81,115	-	-	157,808	238,923	-	(91,196)	-	-	(91,196)	97,925	103,143	201,068
20-014	2,566,518	77,592	-	-	21,078	98,670	-	(87,235)	-	-	(87,235)	93,672	13,777	107,449
20-129	6,233,560	188,455	-	-	78,563	267,018	-	(211,877)	-	-	(211,877)	227,511	51,348	278,859
20-381	2,240,125	67,724	-	-	60,208	127,932	-	(76,141)	-	-	(76,141)	81,759	39,351	121,110
21-014	10,542,849	318,735	-	-	676,204	994,939	-	(358,349)	-	-	(358,349)	384,790	441,963	826,753
21-016	52,322,969	1,581,845	-	-	3,229,586	4,811,431	-	(1,778,444)	-	-	(1,778,444)	1,909,668	2,110,841	4,020,509
21-018	4,937,269	149,265	-	-	-	149,265	-	(167,817)	-	(39,729)	(207,546)	180,199	(25,966)	154,233
21-130	13,959,464	422,027	-	-	319,146	741,173	-	(474,479)	-	-	(474,479)	509,488	208,592	718,080
21-756	4,868,789	147,195	-	-	134,922	282,117	-	(165,489)	-	-	(165,489)	177,700	88,185	265,885
22-001	6,895,726	208,474	-	-	-	208,474	-	(234,384)	-	(205,304)	(439,688)	251,678	(134,186)	117,492
22-006	126,176	3,815	-	-	934	4,749	-	(4,289)	-	-	(4,289)	4,605	610	5,215
22-007	4,844,259	146,453	_	-	139,241	285,694	-	(164,655)	-	-	(164,655)	176,804	91,008	267,812
22-010	6,479,056	195,877	_	_	230,935	426,812	-	(220,221)	-	-	(220,221)	236,471	150,938	387,409
22-011	5,318,751	160,798	_	_	-	160,798	_	(180,783)	_	(80,588)	(261,371)	194,122	(52,672)	141,450
22-012	3,841,429	116,135	_	_	_	116,135	_	(130,569)	_	(243,925)	(374,494)	140,203	(159,428)	(19,225)
22-187	11,652,067	352,269	_	_	414,819	767,088	_	(396,051)	_	(= : = , = =)	(396,051)	425,274	271,124	696,398
22-259	3,620,062	109,443	_	_		109,443	_	(123,045)	_	(50,838)	(173,883)	132,124	(33,227)	98,897
22-708	7,270,238	219,796	_	_	1,420,240	1,640,036	_	(247,114)	_	(00,000)	(247,114)	265,347	928,261	1,193,608
22-800	1,722,915	52,088	_	_	306,305	358,393	_	(58,561)	_	_	(58,561)	62,882	200,199	263,081
23-001	4,384,664	132,559	_	_	396,274	528,833	_	(149,034)	_	_	(149,034)	160,030	259,003	419,033
23-001	4,384,664 3,114,151	94,148	-	-	405,087	499,235	-	(149,034)	-	-	(149,034)	113,659	264,763	419,033 378,422
		,	-	-			-		-					
23-009	26,144,131	790,398	-	-	565,383	1,355,781	-	(888,632)	-	(22.245)	(888,632)	954,201	369,531	1,323,732
23-010	4,625,968	139,854	-	-	-	139,854	-	(157,235)	-	(33,345)	(190,580)	168,837	(21,794)	147,043
23-013	1,674,612	50,627	-	-	226,423	277,050	-	(56,920)	-	-	(56,920)	61,119	147,989	209,108
23-014	4,744,790	143,446	-	-	234,982	378,428	-	(161,274)	-	-	(161,274)	173,174	153,583	326,757
23-015	3,988,200	120,573	-	-	-	120,573	-	(135,558)	-	(27,531)	(163,089)	145,560	(17,994)	127,566
23-016	3,561,668	107,678	-	-	-	107,678	-	(121,060)	-	(112,218)	(233,278)	129,993	(73,345)	56,648

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20)18	Pension Expens	se for the year ended	June 30, 2018**
		Differences Between	Differences Between		Changes in Employer Proportion and Differences Between		Differences Between	Differences Between		Changes in Employer Proportion and Differences Between			Deferred Amounts from Changes in Proportion and Differences Between Employer	
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
Employer	Net Pension	and Actual Economic	and Actual Investment	Changes of	Proportionate Share of	Deferred Outflows of	and Actual Economic	and Actual Investment	Changes of	and Proportionate Share of	Deferred Inflows of	Share of Pension	and Proportionate Share of	Employer Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
23-153	16,118,962	487,314	-	-	_	487,314	-	(547,879)	_	(78,929)	(626,808)	588,305	(51,588)	536,717
24-013	7,335,522	221,770	-	-	22,518	244,288	-	(249,333)	-	-	(249,333)	267,730	14,718	282,448
24-204	4,815,011	145,569	-	-	234,252	379,821	-	(163,661)	-	-	(163,661)	175,737	153,106	328,843
25-001	9,456,522	285,893	-	-	-	285,893	-	(321,425)	-	(323,036)	(644,461)	345,141	(211,134)	134,007
25-004	9,502,586	287,285	-	-	-	287,285	-	(322,990)	-	(78,652)	(401,642)	346,823	(51,407)	295,416
25-007	6,357,244	192,194	-	-	-	192,194	-	(216,081)	-	(234,216)	(450,297)	232,025	(153,082)	78,943
25-010	15,363,844	464,485	-	-	917,262	1,381,747	-	(522,213)	-	-	(522,213)	560,745	599,518	1,160,263
25-016	14,220,962	429,933	-	-	859,960	1,289,893	-	(483,367)	-	-	(483,367)	519,032	562,065	1,081,097
25-028	57,518	1,739	-	-	36,285	38,024	-	(1,955)	-	-	(1,955)	2,099	23,716	25,815
25-029	100,495	3,038	-	-	63,401	66,439	-	(3,416)	-	-	(3,416)	3,668	41,439	45,107
25-030	80,135	2,423	-	-	50,553	52,976	-	(2,724)	-	-	(2,724)	2,925	33,042	35,967
25-112	6,776,480	204,869	-	-	-	204,869	-	(230,331)	-	(355,118)	(585,449)	247,326	(232,104)	15,222
25-123	212,980,170	6,438,888	-	-	-	6,438,888	-	(7,239,142)	-	(8,804,119)	(16,043,261)	7,773,288	(5,754,326)	2,018,962
25-124	45,950,742	1,389,198	-	-		1,389,198	-	(1,561,854)	-	(2,377,844)	(3,939,698)	1,677,097	(1,554,146)	122,951
25-145	4,489,787	135,737	-	-	202,941	338,678	-	(152,607)	-	-	(152,607)	163,867	132,641	296,508
25-216	19,308,226	583,733	-	-	955,725	1,539,458	-	(656,282)	-	(======)	(656,282)	704,706	624,657	1,329,363
25-241	9,431,809	285,146	-	-	4 005 000	285,146	-	(320,585)	-	(79,279)	(399,864)	344,239	(51,817)	292,422
25-255	59,811,590	1,808,244	-	-	1,325,328	3,133,572	-	(2,032,981)	-	(700.007)	(2,032,981)	2,182,986	866,227	3,049,213
25-263	31,494,502	952,152	-	-	4 474 644	952,152	-	(1,070,490)	-	(709,367)	(1,779,857)	1,149,477	(463,639)	685,838
25-275 25-282	33,299,533	1,006,723	-	-	1,171,614 1,382,117	2,178,337	-	(1,131,843)	-	-	(1,131,843)	1,215,357	765,760 903,344	1,981,117
25-282 25-293	42,615,768	1,288,374 441,074	-	-		2,670,491	-	(1,448,499) (495,892)	-	-	(1,448,499) (495,892)	1,555,378 532,482	157,372	2,458,722
25-295 25-295	14,589,466 17,834,478	539,178	-	-	240,780	681,854 539,178	-	(606,189)	-	(689,385)	(1,295,574)	650,918	(450,579)	689,854 200,339
25-707	5,979,857	180,785	-	-	33,464	214,249	-	(203,254)	-	(009,303)	(203,254)	218,251	21,872	240,123
25-707	72,513,685	2,192,258	-	-	33,404	2,192,258	-	(2,464,722)	-	(342,748)	(2,807,470)	2,646,583	(224,019)	2,422,564
25-800	148,764	4,497	-	-	-	4,497	-	(5,056)	-	(7,369)	(12,425)	5,430	(4,816)	614
25-801	388,767	11,753			21,038	32,791		(13,214)		(1,309)	(13,214)	14,189	13,751	27,940
25-802	444,796	13,447	_	_	21,000	13,447	_	(15,119)		(12,819)	(27,938)	16,234	(8,378)	7,856
25-803	2,866,456	86,660	_	_	106,599	193,259	_	(97,430)		(12,013)	(97,430)	104,619	69,673	174,292
25-804	114,263	3,454	_	_	100,033	3,454	_	(3,884)	_	(16,413)	(20,297)	4,170	(10,727)	(6,557)
25-806	502,429	15,190	_	_	_	15,190	_	(17,077)	_	(115,437)	(132,514)	18,337	(75,449)	(57,112)
25-808	946,515	28,615	_	_	_	28,615	_	(32,172)	_	(16,768)	(48,940)	34,546	(10,959)	23,587
25-810	888,424	26,859	_	_	11,823	38,682	_	(30,197)	_	(.0,.00)	(30,197)	32,425	7,728	40,153
25-811	894,231	27,035	_	_	, 525	27,035	_	(30,395)	_	(3,984)	(34,379)	32,637	(2,604)	30,033
25-812	-		_	_	_		_	-	_	(12,386)	(12,386)	-,	(8,096)	(8,096)
25-813	858,694	25,960	_	_	115,072	141,032	-	(29,187)	_	(.2,550)	(29,187)	31,340	75,211	106,551
25-815	265,564	8,029	-	_	12,669	20,698	-	(9,026)	-	_	(9,026)	9,692	8,280	17,972
25-817	1,157,665	34,999	-	_	103,745	138,744	-	(39,349)	-	_	(39,349)	42,252	67,808	110,060
25-818	361,637	10,933	-	_	6,707	17,640	-	(12,292)	-	_	(12,292)	13,199	4,384	17,583
25-820	1,075,714	32,521	-	_	73,500	106,021	-	(36,563)	-	_	(36,563)	39,261	48,040	87,301
25-821	263,771	7,974	-	-	15,461	23,435	-	(8,966)	-	-	(8,966)	9,627	10,105	19,732
25-823	158,689	4,798	-	-	57,184	61,982	-	(5,394)	-	-	(5,394)	5,792	37,375	43,167

		Defe	rred Outflows of R	Resources for the	year ended June 30, 2	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	118	Pension Expens	se for the year ended	June 30, 2018**
Employer	Net Pension	Differences Between Expected and Actual Economic	Differences Between Projected and Actual Investment	Changes of	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of	Total Deferred Outflows of	Differences Between Expected and Actual Economic	Differences Between Projected and Actual Investment	Changes of	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of	Total Deferred Inflows of	Proportionate Share of Pension	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of	Total Employer Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
25-824	538,710	16,286	-	-	-	16,286	-	(18,311)	-	(121,378)	(139,689)	19,662	(79,332)	(59,670)
25-825	333,534	10,084	-	-	19,551	29,635	-	(11,337)	-	-	(11,337)	12,173	12,778	24,951
25-830	135,540	4,098	-	-	25,074	29,172	-	(4,607)	-	-	(4,607)	4,947	16,389	21,336
25-831	105,850	3,200	-	-	-	3,200	-	(3,598)	-	(61,653)	(65,251)	3,863	(40,296)	(36,433)
25-832	103,817	3,139	-	-	-	3,139	-	(3,529)	-	(1,200)	(4,729)	3,789	(784)	3,005
25-833	106,829	3,230	-	-	-	3,230	-	(3,631)	-	(5,740)	(9,371)	3,899	(3,752)	147
25-834	179,662	5,432	-	-	2,218	7,650	-	(6,107)	-	-	(6,107)	6,557	1,449	8,006
25-836	184,009	5,563	-	-	-	5,563	-	(6,254)	-	(30,604)	(36,858)	6,716	(20,003)	(13,287)
25-838	1,015,270	30,694	-	-	22,010	52,704	-	(34,509)	-	-	(34,509)	37,055	14,385	51,440
25-839	229,820	6,948	-	-	-	6,948	-	(7,812)	-	(824,427)	(832,239)	8,388	(538,842)	(530,454)
25-840	796,027	24,066	-	-	-	24,066	-	(27,057)	-	(234,807)	(261,864)	29,053	(153,468)	(124,415)
25-841	874,850	26,449	-	-	95,823	122,272	-	(29,736)	-	-	(29,736)	31,930	62,630	94,560
25-842	99,012	2,993	-	-	309	3,302	-	(3,365)	-	-	(3,365)	3,614	202	3,816
25-844	314,050	9,494	-	-	-	9,494	-	(10,674)	-	(32,503)	(43,177)	11,462	(21,244)	(9,782)
25-846	887,966	26,845	-	-	-	26,845	-	(30,182)	-	(12,953)	(43,135)	32,409	(8,466)	23,943
25-847	380,251	11,496	-	-	-	11,496	-	(12,925)	-	(1,507)	(14,432)	13,878	(985)	12,893
25-849	469,709	14,200	-	-	27,385	41,585	-	(15,965)	-	-	(15,965)	17,143	17,899	35,042
25-852	573,967	17,352	_	_	49,394	66,746	-	(19,509)	-	_	(19,509)	20,948	32,284	53,232
25-853	1,948,096	58,895	_	_	129,863	188,758	_	(66,215)	_	_	(66,215)	71,101	84,878	155,979
25-855	1,797,214	54,334	_	_	39,355	93,689	_	(61,087)	_	_	(61,087)	65,594	25,723	91,317
25-859	2,182,407	65,979	_	_	345,995	411,974	_	(74,179)	_	_	(74,179)	79,653	226,141	305,794
25-860	671,633	20,305	_	_	69,030	89,335	_	(22,829)	_	_	(22,829)	24,513	45,117	69,630
25-864	588,904	17,804	_	_	19,081	36,885	_	(20,017)	_	_	(20,017)	21,494	12,472	33,966
25-867	280,174	8,470	_		.0,00.	8,470	_	(9,523)	_	(196,472)	(205,995)	10,226	(128,413)	(118,187)
25-870	640,780	19,372	_		303,333	322,705	_	(21,780)	_	(100, 112)	(21,780)	23,387	198,257	221,644
25-871	592,798	17,922	_	_	34,392	52,314	_	(20,149)	_	_	(20,149)	21,636	22,479	44,115
25-873	694,043	20,983	_		-	20,983	_	(23,590)	_	(8,332)	(31,922)	25,331	(5,445)	19,886
25-874	90,621	2,740	_		_	2,740	_	(3,080)	_	(7,795)	(10,875)	3,307	(5,094)	(1,787)
25-876	237,197	7,171	_	_	62,246	69,417	_	(8,062)	_	(1,100)	(8,062)	8,657	40,684	49,341
25-877	2,732	83	_	_	02,240	83	_	(93)	_	(83,503)	(83,596)	100	(54,577)	(54,477)
25-879	573,068	17,325	_	_	31,979	49,304	_	(19,478)	_	(00,000)	(19,478)	20,916	20,901	41,817
25-880	366,036	11,066	_	_	01,575	11,066	_	(12,441)	_	(39,569)	(52,010)	13,359	(25,862)	(12,503)
25-881	861,168	26,035				26,035		(29,271)	_	(34,810)	(64,081)	31,431	(22,752)	8,679
25-882	557,839	16,865			_	16,865		(18,961)		(2,186)	(21,147)	20,360	(1,429)	18,931
25-883	305,746	9,243	-	_	-	9,243	-	(10,392)	_	(123,654)	(134,046)	11,159	(80,819)	(69,660)
25-886	199,810	6,041	-	-	42,509	48,550	-	(6,791)	-	(123,034)	(6,791)	7,293	27,784	35,077
			-	-	42,509		-	* ' '	-					
25-887 25-888	490,390 167,044	14,826	-	-	24 070	14,826	-	(16,668)	-	(33,962)	(50,630)	17,898 6,130	(22,197)	(4,299) 26,960
25-888 25-889	167,944	5,077 2,870	-	-	31,870	36,947	-	(5,708)	-	-	(5,708)	6,130 3,465	20,830	
	94,928	,	-	-	12,403	15,273	-	(3,227)	-		(3,227)	,	8,106	11,571
25-890	450,392	13,616	-	-	20.200	13,616	-	(15,309)	-	(16,775)	(32,084)	16,438	(10,964)	5,474
25-892	356,351	10,773	-	-	28,298	39,071	-	(12,112)	-	(14.067)	(12,112)	13,006	18,496	31,502
25-894	291,663	8,818	-	-	-	8,818	-	(9,914)	-	(14,067)	(23,981)	10,645	(9,194)	1,451

		Defe	rred Outflows of R	Resources for the	year ended June 30, 2	2018		Deferred Inflows of	of Resources for the	year ended June 30, 20	18	Pension Expens	se for the year ended J	June 30, 2018**
					Changes in					Changes in			Deferred Amounts	
					Employer					Employer			from Changes in	
					Proportion and					Proportion and			Proportion and	
		Differences	Differences		Differences		Differences	Differences		Differences			Differences	
		Between	Between		Between		Between	Between		Between			Between Employer	
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
		and Actual	and Actual		Proportionate	Deferred	and Actual	and Actual		and Proportionate	Deferred	Share of	and Proportionate	Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
25-896	96,314	2,912	-	-	-	2,912	-	(3,274)	-	(13,980)	(17,254)	3,515	(9,138)	(5,623)
25-898	1,544,685	46,699	-	-	-	46,699	-	(52,503)	-	(112,315)	(164,818)	56,377	(73,408)	(17,031)
25-912	45,122,453	1,364,157	-	-	1,546,903	2,911,060	-	(1,533,701)	-	-	(1,533,701)	1,646,866	1,011,048	2,657,914
25-914	5,262,081	159,085	-	-	215,045	374,130	-	(178,857)	-	-	(178,857)	192,054	140,553	332,607
25-930	282,826	8,550	-	-	-	8,550	-	(9,613)	-	(36,907)	(46,520)	10,322	(24,122)	(13,800)
25-931	1,375	42	-	-	-	42	-	(47)	-	(69,730)	(69,777)	50	(45,575)	(45,525)
25-935	247,340	7,478	-	-	120,237	127,715	-	(8,407)	-	-	(8,407)	9,027	78,586	87,613
25-937	9,456	286	-	-	-	286	-	(321)	-	(59,655)	(59,976)	345	(38,991)	(38,646)
25-938	154,279	4,664	-	-	-	4,664	-	(5,244)	-	(7,448)	(12,692)	5,631	(4,868)	763
25-939	460,391	13,919	-	-	-	13,919	-	(15,649)	-	(68,399)	(84,048)	16,803	(44,706)	(27,903)
25-942	-	-	-	-	-	-	-	-	-	(2,486)	(2,486)	-	(1,625)	(1,625)
25-943	277,528	8,390	-	-	175,086	183,476	-	(9,433)	-	-	(9,433)	10,129	114,436	124,565
25-948	157,125	4,750	-	-	30,784	35,534	-	(5,341)	-	-	(5,341)	5,735	20,121	25,856
25-950	54,099	1,636	-	-	3,568	5,204	-	(1,839)	-	-	(1,839)	1,974	2,332	4,306
25-953	174,198	5,266	-	-	74,966	80,232	-	(5,921)	-	-	(5,921)	6,358	48,998	55,356
26-001	7,199,971	217,672	-	-	-	217,672	-	(244,725)	-	(46,470)	(291,195)	262,782	(30,372)	232,410
26-002	2,756,781	83,344	-	-	24,012	107,356	-	(93,702)	-	-	(93,702)	100,616	15,694	116,310
26-010	1,067,335	32,268	-	-	24,512	56,780	-	(36,278)	-	-	(36,278)	38,955	16,021	54,976
26-013	1,925,789	58,221	-	-	357,490	415,711	-	(65,457)	-	-	(65,457)	70,287	233,654	303,941
26-017	3,327,563	100,600	-	-	60,238	160,838	-	(113,103)	-	-	(113,103)	121,448	39,371	160,819
26-019	3,094,902	93,566	-	-	-	93,566	-	(105,195)	-	(93,186)	(198,381)	112,957	(60,906)	52,051
26-020	3,303,750	99,880	-	-	158,361	258,241	-	(112,294)	-	-	(112,294)	120,579	103,504	224,083
26-374	3,754,903	113,519	-	-	-	113,519	-	(127,628)	-	(108,094)	(235,722)	137,045	(70,649)	66,396
26-876	951,841	28,776	-	-	39,261	68,037	-	(32,353)	-	-	(32,353)	34,740	25,660	60,400
27-001	1,416,631	42,828	-	-	54,707	97,535	-	(48,151)	-	-	(48,151)	51,704	35,756	87,460
27-019	6,349,009	191,945	-	-	-	191,945	-	(215,801)	-	(151,468)	(367,269)	231,724	(98,998)	132,726
27-142	4,244,749	128,329	-	-	-	128,329	-	(144,278)	-	(324,091)	(468, 369)	154,924	(211,824)	(56,900)
27-762	1,831,886	55,382	-	-	-	55,382	-	(62,265)	-	(88,128)	(150,393)	66,860	(57,600)	9,260
28-001	4,484,844	135,587	-	-	48,971	184,558	-	(152,439)	-	-	(152,439)	163,687	32,008	195,695
28-005	8,059,198	243,648	-	-	209,399	453,047	-	(273,930)	-	-	(273,930)	294,142	136,862	431,004
28-006	6,327,131	191,284	-	-	182,669	373,953	-	(215,058)	-	-	(215,058)	230,926	119,392	350,318
28-014	1,712,365	51,769	-	-	-	51,769	-	(58,203)	-	(62,705)	(120,908)	62,497	(40,984)	21,513
28-019	10,116,328	305,840	-	-	-	305,840	-	(343,851)	-	(478,299)	(822,150)	369,223	(312,613)	56,610
28-020	3,354,613	101,418	-	-	-	101,418	-	(114,022)	-	(117,282)	(231,304)	122,436	(76,655)	45,781
28-023	3,721,857	112,520	-	-	333,013	445,533	-	(126,505)	-	-	(126,505)	135,839	217,655	353,494
29-001	3,587,824	108,468	-	-	366,010	474,478	-	(121,949)	-	-	(121,949)	130,947	239,223	370,170
29-004	1,913,086	57,837	-	-	79,715	137,552	-	(65,025)	-	-	(65,025)	69,823	52,101	121,924
29-011	6,616,938	200,045	-	-	299,300	499,345	-	(224,908)	-	-	(224,908)	241,503	195,621	437,124
29-013	3,618,791	109,404	-	-	-	109,404	-	(123,002)	-	(53,157)	(176,159)	132,078	(34,743)	97,335
29-209	10,358,416	313,159	-	-	40,549	353,708	-	(352,080)	-	-	(352,080)	378,058	26,503	404,561
29-223	10,877,895	328,864	-	-	436,167	765,031	-	(369,737)	-	-	(369,737)	397,018	285,077	682,095
29-401	2,457,100	74,284	-	-	134,849	209,133	-	(83,516)	-	-	(83,516)	89,679	88,136	177,815

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20)18	Pension Expens	se for the year ended	June 30, 2018**
		Differences Between	Differences Between		Changes in Employer Proportion and Differences Between		Differences Between	Differences Between		Changes in Employer Proportion and Differences Between		·	Deferred Amounts from Changes in Proportion and Differences Between Employer	
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
		and Actual	and Actual		Proportionate	Deferred	and Actual	and Actual		and Proportionate	Deferred	Share of	and Proportionate	Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
29-406	23,456,105	709,133	_	-	-	709,133	_	(797,267)	-	(304,821)	(1,102,088)	856,094	(199,229)	656,865
29-706	2,634,013	79,632	-	-	50,615	130,247	-	(89,529)	-	-	(89,529)	96,135	33,082	129,217
29-800	-	-	-	-		-	-	-	-	(7,906)	(7,906)	-	(5,167)	(5,167)
29-899	211,671	6,399	-	-	4,448	10,847	-	(7,195)	-	-	(7,195)	7,726	2,908	10,634
29-909	2,755,154	83,295	-	-	208,541	291,836	-	(93,647)	-	-	(93,647)	100,557	136,301	236,858
30-001	2,903,471	87,779	-	-	55,658	143,437	-	(98,688)	-	-	(98,688)	105,970	36,377	142,347
30-027	4,115,933	124,434	-	-	-	124,434	-	(139,900)	-	(34,031)	(173,931)	150,222	(22,242)	127,980
30-028	3,008,198	90,945	-	-	120,167	211,112	-	(102,248)	-	-	(102,248)	109,792	78,540	188,332
30-115	4,029,957	121,835	-	-	-	121,835	-	(136,977)	-	(216,422)	(353,399)	147,084	(141,452)	5,632
31-001	21,083,063	637,390	-	-	785,231	1,422,621	-	(716,608)	-	-	(716,608)	769,483	513,223	1,282,706
31-004	124,595	3,767	-	-	78,606	82,373	-	(4,235)	-	-	(4,235)	4,547	51,376	55,923
31-015	3,788,819	114,545	-	-	-	114,545	-	(128,781)	-	(519,090)	(647,871)	138,283	(339,275)	(200,992)
31-044	6,933,147	209,605	-	-	511,631	721,236	-	(235,656)	-	-	(235,656)	253,044	334,400	587,444
31-046	17,935,499	542,232	-	-	-	542,232	-	(609,623)	-	(15,358)	(624,981)	654,605	(10,038)	644,567
31-047	6,530,285	197,426	-	-	118,432	315,858	-	(221,963)	-	-	(221,963)	238,340	77,406	315,746
31-048	19,122,957	578,132	-	-	468,456	1,046,588	-	(649,984)	-	-	(649,984)	697,944	306,181	1,004,125
31-049	26,105,449	789,229	-	-	-	789,229	-	(887,318)	-	(551,009)	(1,438,327)	952,789	(360,136)	592,653
31-119	143,310,232	4,332,602	-	-	264,004	4,596,606	-	(4,871,079)	-	-	(4,871,079)	5,230,495	172,552	5,403,047
31-155	910,124	27,515	-	-	-	27,515	-	(30,935)	-	(217,567)	(248,502)	33,217	(142,201)	(108,984)
31-175	6,919,442	209,191	-	-	475,513	684,704	-	(235,190)	-	-	(235,190)	252,544	310,793	563,337
31-182	3,271,947	98,919	-	-	61,360	160,279	-	(111,213)	-	-	(111,213)	119,419	40,105	159,524
31-184	2,662,059	80,480	-	-	20,800	101,280	-	(90,483)	-	-	(90,483)	97,159	13,594	110,753
31-212	3,628,263	109,691	-	-	183,546	293,237	-	(123,324)	-	-	(123,324)	132,423	119,965	252,388
31-218	4,148,561	125,421	-	-	289,070	414,491	-	(141,009)	-	-	(141,009)	151,413	188,935	340,348
31-220	5,027,329	151,988	-	-	-	151,988	-	(170,878)	-	(348,169)	(519,047)	183,486	(227,561)	(44,075)
31-231	8,511,199	257,313	-	-	-	257,313	-	(289,293)	-	(255,613)	(544,906)	310,639	(167,068)	143,571
31-248	4,415,872	133,502	-	-	50,514	184,016	-	(150,094)	-	-	(150,094)	161,169	33,015	194,184
31-252	13,122,877	396,735	-	-	-	396,735	-	(446,043)	-	(81,753)	(527,796)	478,955	(53,434)	425,521
31-253	22,125,806	668,915	-	-	-	668,915	-	(752,050)	-	(23,870)	(775,920)	807,541	(15,602)	791,939
31-256	19,022,662	575,099	-	-	-	575,099	-	(646,575)	-	(908,206)	(1,554,781)	694,284	(593,599)	100,685
31-261	14,893,459	450,264	-	-	784,588	1,234,852	-	(506,225)	-	-	(506,225)	543,577	512,803	1,056,380
31-268	5,200,124	157,212	-	-	173,399	330,611	-	(176,751)	-	-	(176,751)	189,793	113,333	303,126
31-310	7,914,729	239,281	-	-	-	239,281	-	(269,020)	-	(392,854)	(661,874)	288,869	(256,768)	32,101
31-733	23,376,303	706,720	-	-	-	706,720	-	(794,555)	-	(4,250,489)	(5,045,044)	853,181	(2,778,098)	(1,924,917)
31-736	13,045,617	394,399	-	-	86,949	481,348	-	(443,417)	-	-	(443,417)	476,135	56,829	532,964
31-800	1,677,344	50,710	-	-	280,836	331,546	-	(57,012)	-	-	(57,012)	61,219	183,553	244,772
31-803	-	-	-	-	-	-	-	-	-	(1,438)	(1,438)	-	(940)	(940)
31-804	243,549	7,363	-	-	-	7,363	-	(8,278)	-	(82,346)	(90,624)	8,889	(53,821)	(44,932)
31-807	999,634	30,221	-	-	42,355	72,576	-	(33,977)	-	-	(33,977)	36,484	27,683	64,167
31-810	269,126	8,136	-	-	78,199	86,335	-	(9,148)	-	-	(9,148)	9,822	51,110	60,932
31-812	(6,420)	(194)	-	-	-	(194)	-	218	-	(74,561)	(74,343)	(234)	(48,732)	(48,966)
31-815	2,018,541	61,025	-	-	-	61,025	-	(68,610)	-	(230,577)	(299,187)	73,672	(150,704)	(77,032)

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	18	Pension Expens	se for the year ended J	June 30, 2018**
Employer	Net Pension	Differences Between Expected and Actual Economic	Differences Between Projected and Actual Investment	Changes of	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of	Total Deferred Outflows of	Differences Between Expected and Actual Economic	Differences Between Projected and Actual Investment	Changes of	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of	Total Deferred Inflows of	Proportionate Share of Pension	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of	Total Employer Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
31-817	-	_	_	-	_	_	_	-	-	(2,642)	(2,642)	_	(1,726)	(1,726)
31-818	528,058	15,964	_	_	_	15,964	_	(17,949)	_	(68,794)	(86,743)	19.273	(44,964)	(25,691)
31-823	120,122	3,632	_	_	_	3,632	_	(4,083)	_	(12,426)	(16,509)	4,384	(8,121)	(3,737)
31-824	255,954	7,738	_	_	_	7,738	_	(8,700)	_	(43,985)	(52,685)	9,342	(28,749)	(19,407)
31-825	332,452	10,051			21,143	31,194		(11,300)		(40,300)	(11,300)	12,134	13,819	25,953
31-832	9,433	285	-	_	21,143	285	-	(321)	_	(68,594)	(68,915)	344	(44,832)	(44,488)
31-838			-	-	280,200		-		-	(00,394)				
	2,002,642	60,545	-	-	,	340,745	-	(68,069)	-	-	(68,069)	73,092	183,137	256,229
31-841	146,358	4,425	-	-	36,422	40,847	-	(4,975)	-	- ·	(4,975)	5,342	23,805	29,147
31-845	2,022,916	61,157	-	-	-	61,157	-	(68,758)	-	(138,365)	(207,123)	73,832	(90,435)	(16,603)
31-846	571,350	17,273	-	-	-	17,273	-	(19,420)	-	(57,106)	(76,526)	20,853	(37,324)	(16,471)
31-848	346,054	10,462	-	-	51,466	61,928	-	(11,762)	-	-	(11,762)	12,630	33,638	46,268
31-849	148,013	4,475	-	-	2,227	6,702	-	(5,031)	-	-	(5,031)	5,402	1,455	6,857
31-856	279,996	8,465	-	-	-	8,465	-	(9,517)	-	(53,312)	(62,829)	10,219	(34,844)	(24,625)
31-868	625,300	18,904	_	_	-	18,904	-	(21,254)	-	(205, 105)	(226,359)	22,822	(134,056)	(111,234)
31-873	3,096,237	93,606	_	_	743,971	837,577	_	(105,240)	_	-	(105,240)	113,006	486,256	599,262
31-877	656,404	19,845	_	_	45,288	65,133	_	(22,311)	_	_	(22,311)	23,957	29,600	53,557
31-878	000,404	-	_	_	-0,200	-	_	(22,011)	_	(46,278)	(46,278)	20,337	(30,247)	(30,247)
31-883	223,629	6,761	-	-		6,761	-	(7,601)	-	* ' '		8,162		(33,018)
			-	-	-		-		-	(63,005)	(70,606)		(41,180)	
31-896	614,813	18,587	-	-	55,270	73,857	-	(20,897)	-	-	(20,897)	22,439	36,125	58,564
31-900	1,501,164	45,384	-	-	100,952	146,336	-	(51,024)	-	-	(51,024)	54,789	65,982	120,771
32-001	2,645,799	79,989	-	-	162,972	242,961	-	(89,930)	-	-	(89,930)	96,566	106,517	203,083
32-002	1,620,954	49,005	-	-	40,030	89,035	-	(55,096)	-	-	(55,096)	59,161	26,163	85,324
32-003	1,435,702	43,405	-	-	-	43,405	-	(48,799)	-	(35,845)	(84,644)	52,400	(23,428)	28,972
32-005	3,284,661	99,303	-	-	-	99,303	-	(111,645)	-	(2,724)	(114,369)	119,883	(1,780)	118,103
32-006	1,475,878	44,619	_	_	21,006	65,625	-	(50,165)	-	-	(50,165)	53,866	13,730	67,596
32-009	1,630,908	49,306	_	_	6,246	55,552	_	(55,434)	_	-	(55,434)	59,524	4,083	63,607
32-010	2,999,682	90,687	_	_	-,	90,687	_	(101,958)	_	(5,311)	(107,269)	109,482	(3,472)	106,010
32-011	813,111	24,582	_	_	3,301	27,883	_	(27,637)	_	(0,011)	(27,637)	29,677	2,158	31,835
32-138	17,580,964	531,514	-	_	252,538	784,052	-	(597,572)	_	-	(597,572)	641,665	165,057	806,722
33-003	1,048,459	31,697	-	-	232,330	31,697	-		-			38,266	,	,
	, ,	,	-	-	407.000	,	-	(35,637)	-	(25,117)	(60,754)	,	(16,417)	21,849
33-008	1,693,563	51,200	-	-	107,603	158,803	-	(57,564)	-	-	(57,564)	61,811	70,329	132,140
33-011	2,392,921	72,344	-	-	68,197	140,541	-	(81,335)	-	-	(81,335)	87,336	44,573	131,909
33-012	1,482,213	44,811	-	-	16,443	61,254	-	(50,380)	-	-	(50,380)	54,097	10,747	64,844
33-151	5,073,101	153,372	-	-	-	153,372	-	(172,433)	-	(77,964)	(250,397)	185,157	(50,957)	134,200
33-301	1,789,493	54,101	-	-	-	54,101	-	(60,824)	-	(37,549)	(98,373)	65,312	(24,542)	40,770
34-004	1,525,161	46,109	-	-	11,027	57,136	-	(51,840)	-	-	(51,840)	55,665	7,208	62,873
34-286	4,484,793	135,586	_	_		135,586	-	(152,437)	-	(257,811)	(410,248)	163,685	(168,504)	(4,819)
35-006	1,227,576	37,112	_	_	138,926	176,038	_	(41,725)	_	(==:,=::)	(41,725)	44,804	90,801	135,605
35-007	3,111,110	94,056	_	_	57,419	151,475	_	(105,746)	_	_	(105,746)	113,548	37,529	151,077
35-007	2,698,793	81,591	_	_	-	81,591	_	(91,731)	_	(15,079)	(106,810)	98,500	(9,855)	88,645
35-232	4,445,069	134,385	-	-	-	134,385	-	(151,087)	-	(89,215)	(240,302)	162,235	(58,310)	103,925
35-232 35-715		,	-	-	- E 200		-		-					,
33- <i>1</i> 15	4,144,191	125,289	-	-	5,308	130,597	-	(140,860)	-	-	(140,860)	151,253	3,470	154,723

		Defe	erred Outflows of R	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20)18	Pension Expens	se for the year ended J	June 30, 2018**
		Differences	Differences		Changes in Employer Proportion and Differences		Differences	Differences		Changes in Employer Proportion and Differences			Deferred Amounts from Changes in Proportion and Differences	
Employer Code	Net Pension Liability	Between Expected and Actual Economic Experience	Between Projected and Actual Investment Earnings	Changes of Assumptions	Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Between Expected and Actual Economic Experience	Between Projected and Actual Investment Earnings	Changes of Assumptions	Between Contributions and Proportionate Share of Pension Expense	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
	•	·								· · · · · · · · · · · · · · · · · · ·		<u> </u>		·
35-729 35-904	6,739,230 6,629,165	203,743 200,415	-	-	- 139.144	203,743 339,559	-	(229,065) (225,324)	-	(278,727)	(507,792) (225,324)	245,966 241,949	(182,175) 90,944	63,791 332.893
	, ,	200,415 99,661	-	-	,	,	-	, ,	-	-	, , ,	,	,	,
36-018 36-019	3,296,493 2,290,147	69,236	-	-	83,095 16,020	182,756 85,256	-	(112,047) (77,842)	-	-	(112,047) (77,842)	120,314 83,585	54,311 10,470	174,625 94,055
36-022	1,873,757	56,648	-	-	189,398	246,046	-	(63,689)	-	-	(63,689)	68,388	123,790	192,178
36-226	6,553,876	198,139	-	-	109,390	198,139	-	(222,765)	-	(166,057)	(388,822)	239,201	(108,534)	130,667
36-336	5,451,467	164,811	-	-	96,151	260,962	-	(185,294)	-	(100,037)	(185,294)	198,966	62,843	261,809
37-015	11,814,570	357,182	-	-	119,257	476,439	-	(401,574)	-	-	(401,574)	431,205	77,945	509,150
38-016	4,296,958	129,907	-	-	119,231	129,907	-	(146,053)	-	(131,288)	(277,341)	156,829	(85,809)	71,020
38-018	5,661,958	171,174	-	-	-	171,174	-	(192,449)	-	, , ,	(210,663)	206,648	(11,904)	194,744
39-012	1,674,938	50,637	-	-	79,086	129,723	-	(56,931)	-	(18,214)	(56,931)	61,131	51,691	112.822
39-012	2,199,680	66,501	-	-	79,000	66,501	-	(74,767)	-	(26,437)	(101,204)	80,283	(17,279)	63,004
39-024	2,242,313	67,790			98,169	165,959	_	(76,216)		(20,437)	(76,216)	81,839	64,163	146,002
39-025	3,190,466	96,455			16,467	112,922	_	(108,443)		-	(108,443)	116,445	10,763	127,208
39-110	5,418,100	163,802			56,965	220,767	_	(184,160)		-	(184,160)	197,748	37,232	234,980
39-174	5,925,793	179,151	_		177,958	357,109	_	(201,416)		-	(201,416)	216,278	116,312	332,590
39-246	3,449,564	104,288	_		177,950	104,288	_	(117,250)		(153,259)	(270,509)	125,901	(100,169)	25,732
40-015	2,675,707	80,893		_	58,882	139,775	_	(90,947)	_	(155,259)	(90,947)	97,657	38,485	136,142
40-149	6,269,521	189,542		_	30,002	189,542	_	(213,099)	_	(153,442)	(366,541)	228,823	(100,289)	128,534
40-205	3,530,970	106,749	_	_	73,397	180,146	_	(120,017)	_	(100,442)	(120,017)	128,872	47,972	176,844
41-001	2,831,297	85,597	_	_	70,007	85,597	_	(96,235)	_	(340,776)	(437,011)	103,336	(222,729)	(119,393)
41-010	3,977,570	120,251	_	_	521,665	641,916	_	(135,197)	_	(040,770)	(135,197)	145,172	340,958	486,130
41-025	3,613,338	109,240	_	_	0Z 1,000	109,240	_	(122,816)	_	(243,346)	(366,162)	131,879	(159,050)	(27,171)
41-027	4,043,439	122,243	_	_	_	122,243	_	(137,435)	_	(85,202)	(222,637)	147,576	(55,688)	91,888
41-192	4,245,551	128,353	_	_	_	128,353	_	(144,305)	_	(293,937)	(438,242)	154,953	(192,115)	(37,162)
41-196	1,957,758	59,188	_	_	_	59,188	_	(66,544)	_	(13,355)	(79,899)	71,454	(8,729)	62,725
41-721	7,939,671	240,035	_	_	897,214	1,137,249	_	(269,867)	_	(10,000)	(269,867)	289,780	586,414	876,194
41-766	1,141,073	34,497	_	_	154,304	188,801	_	(38,785)	_	_	(38,785)	41,647	100,852	142.499
41-900	2,322,729	70,222	_	_	92,577	162,799	_	(78,949)	_	_	(78,949)	84,774	60,508	145,282
42-001	4,254,881	128,635	_	_	227,548	356,183	_	(144,622)	_	_	(144,622)	155,293	148,725	304,018
42-004	2,292,993	69,323	_	_	31,777	101,100	_	(77,938)	_	_	(77,938)	83,689	20,769	104,458
42-007	1,695,281	51,252	_	_	100,838	152,090	_	(57,622)	_	_	(57,622)	61,874	65,908	127,782
42-008	2,596,379	78,495	_	_	52,903	131,398	_	(88,250)	_	_	(88,250)	94,762	34,577	129,339
42-011	2,002,310	60,535	_	_	11,333	71,868	_	(68,058)	_	-	(68,058)	73,080	7,407	80,487
42-168	7,139,211	215,835	_	_	, 555	215,835	_	(242,660)	_	(93,773)	(336,433)	260,565	(61,290)	199,275
42-714	2,619,448	79,192	_	_		79,192	_	(89,034)	_	(51,515)	(140,549)	95,604	(33,670)	61,934
43-001	3,385,740	102,359	_	_		102,359	_	(115,080)	_	(170,220)	(285,300)	123,572	(111,255)	12,317
43-003	2,983,245	90,190	_	_	37,313	127,503	_	(101,400)	_	(170,220)	(101,400)	108,882	24,387	133,269
43-005	7,566,568	228,755	_	_	387,666	616,421	_	(257,186)	_	-	(257,186)	276,162	253,376	529,538
43-008	10,891,560	329,277	_	_	553,424	882,701	_	(370,201)	_	-	(370,201)	397,517	361,715	759,232
43-009	7,775,937	235,085	_	_	168,485	403,570	_	(264,302)	_	_	(264,302)	283,804	110,121	393,925
43-014	8,721,587	263,674	_	_	-	263,674	_	(296,445)	_	(385,725)	(682,170)	318,318	(252,108)	66,210
	3,. 2 . ,007	200,0. 1				_50,0		(=20, 0)		(300). 20)	(-52, 5)	0.0,010	(=02, .00)	

		Defe	rred Outflows of R	Resources for the	year ended June 30, 2	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	18	Pension Expens	se for the year ended .	June 30, 2018**
		Differences	Differences		Changes in Employer Proportion and Differences		Differences	Differences		Changes in Employer Proportion and Differences			Deferred Amounts from Changes in Proportion and Differences	
		Between	Between		Between	T-4-1	Between	Between		Between	T-4-1	D	Between Employer	T-4-1
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
Employer	Net Pension	and Actual Economic	and Actual Investment	Changes of	Proportionate Share of	Deferred Outflows of	and Actual Economic	and Actual Investment	Changes of	and Proportionate Share of	Deferred Inflows of	Share of Pension	and Proportionate Share of	Employer Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
Code	Liability	Lxperience	Larrings	Assumptions	Contributions	resources	Lxperience	Lamings	Assumptions	i elisioli Expelise	resources	Схрепве	Contributions	Lxperise
43-238	5,025,788	151,941	-	-	239,461	391,402	-	(170,825)	-	-	(170,825)	183,430	156,510	339,940
43-239	26,574,013	803,394	-	-	1,515,444	2,318,838	-	(903,244)	-	-	(903,244)	969,891	990,486	1,960,377
43-329	927,941	28,054	-	-	34,764	62,818	-	(31,540)	-	-	(31,540)	33,868	22,722	56,590
43-397	25,504,072	771,048	-	-	-	771,048	-	(866,877)	-	(337,871)	(1,204,748)	930,840	(220,831)	710,009
43-551	26,806,720	810,430	-	-	-	810,430	-	(911,154)	-	(921,142)	(1,832,296)	978,384	(602,053)	376,331
43-702	2,591,053	78,334	-	-	-	78,334	-	(88,069)	-	(128,232)	(216,301)	94,567	(83,812)	10,755
43-836	109,658	3,315	-	-	-	3,315	-	(3,727)	-	(12,977)	(16,704)	4,002	(8,482)	(4,480)
44-001	831,123	25,127	-	-	-	25,127	-	(28,250)	-	(20,287)	(48,537)	30,334	(13,259)	17,075
44-016	4,060,082	122,746	-	-	75,631	198,377	-	(138,001)	-	-	(138,001)	148,184	49,432	197,616
44-017	4,618,454	139,627	-	-	-	139,627	-	(156,980)	-	(206,460)	(363,440)	168,563	(134,942)	33,621
44-022	3,455,921	104,481	-	-	487	104,968	-	(117,466)	-	-	(117,466)	126,133	318	126,451
44-024	3,429,965	103,696	-	-	53,353	157,049	-	(116,584)	-	-	(116,584)	125,186	34,872	160,058
44-025	2,351,021	71,077	-	-	6,086	77,163	-	(79,911)	-	-	(79,911)	85,807	3,977	89,784
44-148	4,094,325	123,781	-	-	34,019	157,800	-	(139,165)	-	-	(139,165)	149,433	22,235	171,668
44-319	2,960,966	89,517	-	-	105,055	194,572	-	(100,642)	-	-	(100,642)	108,068	68,663	176,731
44-771	2,046,850	61,881	-	-	-	61,881	-	(69,572)	-	(140,843)	(210,415)	74,705	(92,054)	(17,349)
45-001	4,162,203	125,833	-	-	92,100	217,933	-	(141,472)	-	-	(141,472)	151,911	60,196	212,107
45-007	10,227,235	309,193	-	-	786,722	1,095,915	-	(347,621)	-	-	(347,621)	373,271	514,197	887,468
45-016	3,161,624	95,583	-	-	207,207	302,790	-	(107,463)	-	-	(107,463)	115,392	135,430	250,822
45-029	5,386,922	162,859	-	-	72,541	235,400	-	(183,100)	-	-	(183,100)	196,610	47,412	244,022
45-031	9,335,306	282,228	-	-	62,850	345,078	-	(317,305)	-	-	(317,305)	340,717	41,079	381,796
45-032	5,345,417	161,604	-	-	240,149	401,753	-	(181,689)	-	-	(181,689)	195,095	156,960	352,055
45-033	4,220,953	127,609	-	-	-	127,609	-	(143,469)	-	(109,550)	(253,019)	154,055	(71,601)	82,454
45-034	3,705,420	112,023	-	-	-	112,023	-	(125,946)	-	(50,081)	(176,027)	135,239	(32,733)	102,506
45-170	16,524,585	499,577	-	-	288,890	788,467	-	(561,666)	-	-	(561,666)	603,109	188,817	791,926
45-267	3,865,214	116,854	-	-	169,465	286,319	-	(131,378)	-	-	(131,378)	141,071	110,761	251,832
45-394	6,198,006	187,380	-	-	164,200	351,580	-	(210,669)	-	-	(210,669)	226,213	107,320	333,533
45-737	5,931,377	179,319	-	-	96,661	275,980	-	(201,606)	-	-	(201,606)	216,482	63,177	279,659
45-856	402,455	12,167	-	-	13,370	25,537	-	(13,679)	-	-	(13,679)	14,689	8,739	23,428
45-866	442,866	13,389	-	-	7,142	20,531	-	(15,053)	-	-	(15,053)	16,164	4,668	20,832
46-005	1,767,747	53,443	-	-	178,258	231,701	-	(60,085)	-	-	(60,085)	64,519	116,509	181,028
46-018	4,173,085	126,162	-	-	-	126,162	-	(141,842)	-	(68,761)	(210,603)	152,308	(44,942)	107,366
46-019	4,108,207	124,201	-	-	-	124,201	-	(139,637)	-	(246,930)	(386,567)	149,940	(161,392)	(11,452)
46-109	6,105,242	184,576	-	-	-	184,576	-	(207,516)	-	(97,616)	(305,132)	222,827	(63,802)	159,025
46-601	2,339,023	70,714	-	-	-	70,714	-	(79,503)	-	(92,710)	(172,213)	85,369	(60,595)	24,774
46-752	2,745,263	82,996	-	-	-	82,996	-	(93,311)	-	(9,508)	(102,819)	100,196	(6,215)	93,981
47-001	2,481,544	75,023	-	-	32,974	107,997	-	(84,347)	-	-	(84,347)	90,571	21,552	112,123
47-004	9,329,888	282,064	-	-	112,190	394,254	-	(317,121)	-	-	(317,121)	340,520	73,326	413,846
47-009	3,639,941	110,044	-	-	82,281	192,325	-	(123,721)	-	-	(123,721)	132,850	53,779	186,629
47-010	2,531,152	76,523	-	-	31,714	108,237	-	(86,033)	-	-	(86,033)	92,381	20,728	113,109
47-028	4,544,905	137,403	-	-	37,843	175,246	-	(154,480)	-		(154,480)	165,879	24,734	190,613
47-029	7,301,468	220,740	-	-	-	220,740	-	(248,175)	-	(14,958)	(263,133)	266,487	(9,776)	256,711

		Defe	rred Outflows of R	esources for the	year ended June 30, 2	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	18	Pension Expens	se for the year ended .	June 30, 2018**
		Differences Between	Differences Between		Changes in Employer Proportion and Differences Between		Differences Between	Differences Between		Changes in Employer Proportion and Differences Between			Deferred Amounts from Changes in Proportion and Differences Between Employer	
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
		and Actual	and Actual		Proportionate	Deferred	and Actual	and Actual		and Proportionate	Deferred	Share of	and Proportionate	Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
47-031	3,469,053	104,878	_	-	-	104,878	-	(117,912)	-	(47,248)	(165,160)	126,612	(30,881)	95,731
47-136	17,610,264	532,399	-	-	30,071	562,470	-	(598,568)	-		(598,568)	642,734	19,655	662,389
47-157	26,070,582	788,175	-	-	753,252	1,541,427	-	(886, 132)	-	-	(886,132)	951,516	492,321	1,443,837
47-234	3,424,358	103,526	-	-	-	103,526	-	(116,393)	-	(262,861)	(379,254)	124,981	(171,804)	(46,823)
47-266	10,780,768	325,928	-	-	737,048	1,062,976	-	(366,436)	-	-	(366,436)	393,473	481,731	875,204
47-276	5,475,430	165,535	-	-	414,915	580,450	-	(186,108)	-	-	(186,108)	199,841	271,187	471,028
47-287	11,756,187	355,417	-	-	352,551	707,968	-	(399,590)	-	-	(399,590)	429,074	230,426	659,500
47-302	8,926,775	269,877	-	-	-	269,877	-	(303,419)	-	(210,992)	(514,411)	325,807	(137,904)	187,903
47-389	2,980,542	90,109	-	-	108,158	198,267	-	(101,308)	-	-	(101,308)	108,783	70,691	179,474
47-725	4,489,168	135,718	-	-	-	135,718	-	(152,586)	-	(199,641)	(352,227)	163,844	(130,484)	33,360
47-800	481,238	14,549	-	-	61,122	75,671	-	(16,357)	-	-	(16,357)	17,564	39,949	57,513
47-801	703,041	21,255	-	-	57,155	78,410	-	(23,896)	-	-	(23,896)	25,659	37,357	63,016
47-806	111,858	3,382	-	-	10,135	13,517	-	(3,802)	-	-	(3,802)	4,083	6,624	10,707
47-838	233,074	7,046	-	-	-	7,046	-	(7,922)	-	(8,596)	(16,518)	8,507	(5,618)	2,889
47-856	170,521	5,155	-	-	4,582	9,737	-	(5,796)	-	-	(5,796)	6,224	2,995	9,219
47-876	154,674	4,676	-	-	-	4,676	-	(5,257)	-	(3,971)	(9,228)	5,645	(2,595)	3,050
47-885	191,025	5,775	-	-	5,493	11,268	-	(6,493)	-	-	(6,493)	6,972	3,590	10,562
47-887	560,989	16,960	-	-	-	16,960	-	(19,068)	-	(3,712)	(22,780)	20,475	(2,426)	18,049
47-888	256,996	7,770	-	-	17,519	25,289	-	(8,735)	-	-	(8,735)	9,380	11,451	20,831
47-890	311,542	9,419	-	-	130,181	139,600	-	(10,589)	-	-	(10,589)	11,371	85,086	96,457
47-891	355,589	10,750	-	-	97,998	108,748	-	(12,086)	-	-	(12,086)	12,978	64,051	77,029
47-903	50,136	1,516	-	-	-	1,516	-	(1,704)	-	(897)	(2,601)	1,830	(587)	1,243
48-001	5,667,920	171,354	-	-	154,676	326,030	-	(192,651)	-	-	(192,651)	206,866	101,095	307,961
48-008	3,201,502	96,789	-	-	299,692	396,481	-	(108,818)	-	-	(108,818)	116,847	195,877	312,724
48-013	8,207,526	248,133	-	-	-	248,133	-	(278,972)	-	(8,029)	(287,001)	299,556	(5,248)	294,308
48-015	19,810,185	598,908	-	-	-	598,908	-	(673,343)	-	(610,271)	(1,283,614)	723,026	(398,870)	324,156
48-016	10,756,261	325,187	-	-	-	325,187	-	(365,603)	-	(204,092)	(569,695)	392,579	(133,393)	259,186
48-195	94,061,223	2,843,690	-	-	997,359	3,841,049	-	(3,197,117)	-	-	(3,197,117)	3,433,019	651,869	4,084,888
48-229	7,562,118	228,620	-	-	26,678	255,298	-	(257,034)	-	-	(257,034)	276,000	17,437	293,437
48-254	20,351,816	615,283	-	-	18,630	633,913	-	(691,753)	-	-	(691,753)	742,795	12,177	754,972
48-260	10,033,885	303,348	-	-	-	303,348	-	(341,049)	-	(87,511)	(428,560)	366,214	(57,196)	309,018
48-800	687,417	20,782	-	-	-	20,782	-	(23,365)	-	(147,600)	(170,965)	25,089	(96,471)	(71,382)
48-801	359,822	10,878	-	-	-	10,878	-	(12,230)	-	(7,050)	(19,280)	13,133	(4,608)	8,525
48-802	1,184,508	35,810	-	-	-	35,810	-	(40,261)	-	(2,710)	(42,971)	43,232	(1,772)	41,460
48-803	586,200	17,722	-	-	-	17,722	-	(19,925)	-	(47,302)	(67,227)	21,395	(30,917)	(9,522)
48-804	232,455	7,028	-	-	36,773	43,801	-	(7,901)	-	-	(7,901)	8,484	24,034	32,518
48-805	747,799	22,608	-	-	-	22,608	-	(25,417)	-	(39,349)	(64,766)	27,293	(25,718)	1,575
48-807	172,468	5,214	-	-	-	5,214	-	(5,862)	-	(14,530)	(20,392)	6,295	(9,497)	(3,202)
48-809	312,447	9,446	-	-	71,554	81,000	-	(10,620)	-	-	(10,620)	11,404	46,767	58,171
48-811	352,829	10,667	-	-	100,063	110,730	-	(11,993)	-	-	(11,993)	12,877	65,401	78,278
48-812	331,031	10,008	-	-	-	10,008	-	(11,252)	-	(20,166)	(31,418)	12,082	(13,180)	(1,098)
48-813	214,655	6,490	-	-	-	6,490	-	(7,296)	-	(23,221)	(30,517)	7,834	(15,177)	(7,343)

		Defe	rred Outflows of R	Resources for the	year ended June 30, 2	2018		Deferred Inflows of	of Resources for the	year ended June 30, 20	18	Pension Expens	se for the year ended	June 30, 2018**
					Changes in		•			Changes in			Deferred Amounts	
					Employer					Employer			from Changes in	
					Proportion and					Proportion and			Proportion and	
		Differences	Differences		Differences		Differences	Differences		Differences			Differences	
		Between	Between		Between		Between	Between		Between			Between Employer	
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
		and Actual	and Actual		Proportionate	Deferred	and Actual	and Actual		and Proportionate	Deferred	Share of	and Proportionate	Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
48-815	1,848,237	55,877	_	_	-	55,877	-	(62,821)	-	(42,006)	(104,827)	67,456	(27,455)	40,001
48-821	1,024,502	30,973	-	-	-	30,973	-	(34,823)	-	(99,102)	(133,925)	37,392	(64,773)	(27,381)
48-822	899,523	27,195	-	-	112,732	139,927	-	(30,575)	-	-	(30,575)	32,831	73,681	106,512
48-823	763,955	23,096	-	-	28,390	51,486	-	(25,967)	-	-	(25,967)	27,883	18,556	46,439
48-824	308,884	9,338	-	-	37,959	47,297	-	(10,499)	-	-	(10,499)	11,274	24,809	36,083
48-825	1,176,896	35,580	_	_	157,345	192,925	_	(40,002)	_	-	(40,002)	42,954	102,840	145,794
48-828	513,528	15,525	_	_	2,786	18,311	_	(17,455)	_	_	(17,455)	18,743	1,821	20,564
48-830	5,200	157	_	_	_,	157	_	(177)	_	(40,776)	(40,953)	190	(26,651)	(26,461)
48-831	7,186,002	217,250	_	_	221,638	438,888	_	(244,250)	_	-	(244,250)	262,273	144,862	407,135
48-832	1,317,533	39,832	_	_	-	39,832	_	(44,783)	_	(39,653)	(84,436)	48,087	(25,917)	22,170
48-834	108,685	3,286	_		33,349	36,635	_	(3,694)	_	(00,000)	(3,694)	3,967	21,797	25,764
48-835	133,953	4,050	_		4,788	8,838	_	(4,553)	_	_	(4,553)	4,889	3,130	8,019
48-837	23,327	705	_		1,700	705	_	(793)	_	(190,786)	(191,579)	851	(124,697)	(123,846)
48-838	337,371	10,200	_	_	98,432	108,632	_	(11,467)	_	(130,700)	(11,467)	12,313	64,335	76,648
48-841	-	10,200	_	_	30,402	100,002	_	(11,407)	_	(4,433)	(4,433)	12,010	(2,898)	(2,898)
48-843	444,493	13,438			9,211	22,649		(15,108)		(4,400)	(15,108)	16,223	6,020	22,243
48-845	353,110	10,675			146,639	157,314		(12,002)	_	-	(12,002)	12,888	95,842	108,730
48-847	522,640	15,801			21,604	37,405	-	(17,764)	_	-	(17,764)	19,075	14,120	33,195
48-850	270,272	8,171			21,004	8,171		(9,186)	_	(19,418)	(28,604)	9,864	(12,691)	(2,827)
48-853	10,112,926	305,737				305,737	-	(343,736)	_	(8,708,562)	(9,052,298)	369,099	(5,691,871)	(5,322,772)
48-858	340,206	10,285			12,604	22,889	-	(11,564)	_	(0,700,302)	(11,564)	12,417	8,238	20,655
48-859	137,664	4,162			32,353	36,515		(4,679)	_	-	(4,679)	5,024	21,145	26,169
48-860	650,517	19,667			52,555	19,667		(22,111)	_	(38,580)	(60,691)	23,742	(25,216)	(1,474)
48-861	550,669	16,648	-	_	-	16,648	_	(18,717)	-	(91,843)	(110,560)	20,098	(60,028)	(39,930)
48-867	535,583	16,192			-	16,192		(18,204)	_	(17,160)	(35,364)	19,548	(11,215)	8,333
48-885	27,393	828	-	-	-	828	-	(931)	-	(196,135)	(197,066)	1,000	(128,193)	(127,193)
49-006	3,585,218	108,390	-	-	138,155	246,545	-	(121,861)	-	(190,133)	(121,861)	130,852	90,297	221,149
49-000	3,590,659	108,554	-	-	130, 133	108,554	-	(122,046)	-	(159,312)	(281,358)	131,051	(104,125)	26,926
49-019	4,580,511	138,480	-	-	41,302	179,782	-	(155,690)	-	(139,312)	(155,690)	167,178	26,994	194,172
49-228	4,097,732	123,884	-	-	41,302	123,884	-	(139,281)	-	(220.721)	(360,002)	149,558	,	5,296
49-226	, ,		-	-	-	,	-		-	(220,721)	. , ,		(144,262)	
49-754 50-001	2,270,165	68,632	-	-	-	68,632 432,803	-	(77,162)	-	(46,639)	(123,801)	82,856	(30,483)	52,373
	4,890,678	147,857	-	-	284,946		-	(166,233)	-	(606.730)	(166,233)	178,499	186,240	364,739
50-002	9,904,239	299,428	-	-	07.400	299,428	-	(336,643)	-	(696,738)	(1,033,381)	361,482	(455,385)	(93,903)
50-005	11,368,262	343,689	-	-	87,430	431,119	-	(386,404)	-	- (4.450)	(386,404)	414,915	57,144	472,059
50-006	6,531,414	197,460	-	-		197,460	-	(222,001)	-	(4,459)	(226,460)	238,382	(2,914)	235,468
50-011	2,285,937	69,109	-	-	62,771	131,880	-	(77,698)	-	-	(77,698)	83,431	41,026	124,457
50-012	1,145,322	34,626	-	-	86,937	121,563	-	(38,929)	-	-	(38,929)	41,802	56,821	98,623
50-013	3,209,165	97,021	-	-	11,707	108,728	-	(109,079)	-	-	(109,079)	117,127	7,652	124,779
50-014	3,852,935	116,483	-	-	-	116,483	-	(130,960)	-	(678,212)	(809,172)	140,623	(443,276)	(302,653)
50-016	2,452,346	74,140	-	-	17,132	91,272	-	(83,355)	-		(83,355)	89,505	11,197	100,702
50-019	1,417,868	42,865	-	-	-	42,865	-	(48,193)	-	(25,439)	(73,632)	51,749	(16,627)	35,122
50-020	1,504,938	45,498	-	-	79,366	124,864	-	(51,152)	-	-	(51,152)	54,927	51,874	106,801

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	118	Pension Expens	se for the year ended	June 30, 2018**
		Differences Between	Differences Between		Changes in Employer Proportion and Differences Between		Differences Between	Differences Between		Changes in Employer Proportion and Differences Between			Deferred Amounts from Changes in Proportion and Differences Between Employer	
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
		and Actual	and Actual		Proportionate	Deferred	and Actual	and Actual		and Proportionate	Deferred	Share of	and Proportionate	Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
50-021	4,954,720	149,793	-	-	-	149,793	-	(168,410)	-	(61,709)	(230,119)	180,836	(40,333)	140,503
50-116	3,966,792	119,925	-	-	-	119,925	-	(134,830)	-	(16,782)	(151,612)	144,779	(10,968)	133,811
50-193	4,013,096	121,325	-	-	-	121,325	-	(136,404)	-	(39,004)	(175,408)	146,469	(25,492)	120,977
50-210	29,126,116	880,550	-	-	1,134,744	2,015,294	-	(989,989)	-	-	(989,989)	1,063,036	741,662	1,804,698
50-741	2,147,477	64,923	-	-	14,952	79,875	-	(72,992)	-	-	(72,992)	78,378	9,772	88,150
50-800	269,252	8,140	-	-	48,512	56,652	-	(9,152)	-	-	(9,152)	9,827	31,707	41,534
50-802	611,560	18,489	-	-	49,099	67,588	-	(20,787)	-	-	(20,787)	22,321	32,091	54,412
50-808	1,377,531	41,646	-	-	-	41,646	-	(46,822)	-	(12,512)	(59,334)	50,277	(8,177)	42,100
50-810	435,988	13,181	-	-	-	13,181	-	(14,819)	-	(77,070)	(91,889)	15,913	(50,372)	(34,459)
50-812	766,715	23,180	-	-	10,621	33,801	-	(26,060)	-	-	(26,060)	27,983	6,942	34,925
50-831	417,546	12,623	-	-	-	12,623	-	(14,192)	-	(10,660)	(24,852)	15,239	(6,968)	8,271
50-836	515,395	15,582	-	-	81,876	97,458	-	(17,518)	-	-	(17,518)	18,811	53,514	72,325
50-840	97,889	2,959	-	-	13,235	16,194	-	(3,327)	-		(3,327)	3,573	8,651	12,224
50-850	-		-	-		-	-	-	-	(4,957)	(4,957)	-	(3,240)	(3,240)
50-851	331,283	10,015	-	-	5,380	15,395	-	(11,260)	-	-	(11,260)	12,091	3,516	15,607
50-875	429,682	12,990	-	-	-	12,990	-	(14,605)	-	(82,414)	(97,019)	15,682	(53,866)	(38,184)
50-880	83,388	2,521	-	-	-	2,521	-	(2,834)	-	(84,423)	(87,257)	3,043	(55,178)	(52,135)
50-892	711,700	21,516	-	-		21,516	-	(24,191)	-	(16,251)	(40,442)	25,975	(10,622)	15,353
50-900	8,316,274	251,420	-	-	1,686,018	1,937,438	-	(282,668)	-	-	(282,668)	303,525	1,101,973	1,405,498
51-011	2,689,921	81,323	-	-	161,702	243,025	-	(91,430)	-	-	(91,430)	98,176	105,687	203,863
51-016	1,924,810	58,191	-	-	-	58,191	-	(65,424)	-	(11,464)	(76,888)	70,251	(7,493)	62,758
51-017	4,448,041	134,475	-	-		134,475	-	(151,188)	-	(66,762)	(217,950)	162,343	(43,635)	118,708
51-018	2,763,785	83,556	-	-	77,410	160,966	-	(93,940)	-	-	(93,940)	100,872	50,594	151,466
51-162	12,480,722	377,321	-	-	528,392	905,713	-	(424,217)	-	-	(424,217)	455,518	345,355	800,873
51-750	5,009,483	151,448	-	-	168,266	319,714	-	(170,271)	-	-	(170,271)	182,835	109,977	292,812
51-767	3,020,134	91,306	-	-	91,379	182,685	-	(102,654)	-	(44.500)	(102,654)	110,228	59,725	169,953
51-808	9,215	279	-	-	4 000 000	279	-	(313)	-	(44,592)	(44,905)	336	(29,145)	(28,809)
51-811	3,488,360	105,461	-	-	1,208,269	1,313,730	-	(118,568)	-	- (4 500 775)	(118,568)	127,317	789,718	917,035
51-908	13,996,468	423,146	-	-	-	423,146	-	(475,736)	-	(1,528,775)	(2,004,511)	510,839	(999,200)	(488,361)
52-001	3,068,425	92,766	-	-	-	92,766	-	(104,295)	-	(138,100)	(242,395)	111,990	(90,262)	21,728
52-020	4,089,520	123,636	-	-	-	123,636	-	(139,002)	-	(273,010)	(412,012)	149,258	(178,438)	(29,180)
52-021 52-022	8,027,366	242,686	-	-	207.050	242,686	-	(272,848)	-	(111,649)	(384,497)	292,980	(72,974)	220,006
	8,075,835	244,151	-	-	387,050	631,201	-	(274,496)	-	(20.752)	(274,496)	294,749	252,974	547,723
52-023	2,938,338	88,833	-	-	- 05 220	88,833	-	(99,873)	-	(32,752)	(132,625)	107,243	(21,407)	85,836
52-201	10,861,143	328,358	-	-	95,220	423,578	-	(369,167)	-	-	(369,167)	396,407	62,235	458,642
52-217	19,544,375	590,872	-	-	204,791	795,663	-	(664,308)	-	(165 224)	(664,308)	713,325	133,851	847,176
52-272 52-746	17,722,299	535,786 123,932	-	-	-	535,786	-	(602,376)	-	(165,334)	(767,710)	646,823	(108,061)	538,762 87,894
	4,099,307	,	-	-	-	123,932	-	(139,334)	-	(94,434)	(233,768)	149,615	(61,721)	,
53-007	1,700,819	51,420 67,816	-	-	- 76 710	51,420	-	(57,810)	-	(48,493)	(106,303)	62,076 81,870	(31,695)	30,381
53-010 53-012	2,243,167	67,816	-	-	76,718	144,534	-	(76,245)	-	-	(76,245)	,	50,143	132,013
53-012 54-001	5,784,709 2,008,971	174,885 60,736	-	-	221,535	396,420 60,736	-	(196,621)	-	- (81,175)	(196,621) (149,459)	211,129 73,323	144,794	355,923 20,267
34 - 001	2,000,971	00,730	-	-	-	00,730	-	(68,284)	-	(01,175)	(149,409)	13,323	(53,056)	20,207

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	18	Pension Expen	se for the year ended	June 30, 2018**
					Changes in					Changes in			Deferred Amounts	
					Employer					Employer			from Changes in	
					Proportion and					Proportion and			Proportion and	
		Differences	Differences		Differences		Differences	Differences		Differences			Differences	
		Between	Between		Between		Between	Between		Between			Between Employer	
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
		and Actual	and Actual		Proportionate	Deferred	and Actual	and Actual		and Proportionate	Deferred	Share of	and Proportionate	Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
54-030	1,836,084	55,509	-	-	11,328	66,837	-	(62,408)	-	-	(62,408)	67,013	7,404	74,417
54-040	1,561,122	47,196	-	-	38,992	86,188	-	(53,062)	-	-	(53,062)	56,977	25,485	82,462
54-041	2,151,898	65,057	-	-	3,388	68,445	-	(73,142)	-	-	(73,142)	78,539	2,214	80,753
54-042	2,518,238	76,132	-	-	-	76,132	-	(85,594)	-	(33,201)	(118,795)	91,910	(21,700)	70,210
54-222	7,901,637	238,885	-	-	191,255	430,140	-	(268,575)	-	-	(268,575)	288,392	125,003	413,395
54-396	2,613,435	79,010	-	-	50,662	129,672	_	(88,830)	-	-	(88,830)	95,384	33,112	128,496
55-001	6,285,637	190,029	_	_	324,304	514,333	_	(213,647)	_	_	(213,647)	229,411	211,964	441,375
55-002	2,190,018	66,209	_	_	41,878	108,087	_	(74,438)	_	_	(74,438)	79,931	27,371	107,302
55-009	1,569,959	47,464	_	_	-	47,464	_	(53,363)	_	(1,043)	(54,406)	57,300	(681)	56,619
55-014	2,444,529	73,904				73,904		(83,089)		(72,764)	(155,853)	89,220	(47,558)	41,662
55-179	7,932,908	239,830			245,571	485,401		(269,637)	_	(12,104)	(269,637)	289,533	160,504	450,037
55-179	12,223,520	369,546	-	_	549,223	918,769	-	(415,474)	-	_	(415,474)	446,130	358,969	805,099
55-322	2,223,144	67,211	-	-	155,111	222,322	-	(75,564)	-	-	(75,564)	81,140	101,380	182,520
55-350		,	-	-			-		-					
	3,205,735	96,917	-	-	105,453	202,370	-	(108,962)	-	-	(108,962)	117,002	68,924	185,926
55-369	5,723,188	173,025	-	-	329,277	502,302	-	(194,530)	-	- (44.407)	(194,530)	208,883	215,214	424,097
55-393	1,589,128	48,043	-	-	-	48,043	-	(54,014)	-	(44,137)	(98,151)	58,000	(28,848)	29,152
55-757	4,961,798	150,007	-	-	203,521	353,528	-	(168,650)	-	-	(168,650)	181,094	133,020	314,114
56-022	7,249,150	219,159	-	-	656,250	875,409	-	(246,397)	-	-	(246,397)	264,577	428,922	693,499
57-001	10,769,061	325,574	-	-	433,031	758,605	-	(366,038)	-	-	(366,038)	393,046	283,027	676,073
57-002	3,417,085	103,306	-	-	-	103,306	-	(116,146)	-	(40,211)	(156,357)	124,716	(26,281)	98,435
57-008	1,565,664	47,334	-	-	24,422	71,756	-	(53,217)	-	-	(53,217)	57,143	15,962	73,105
57-009	2,822,374	85,327	-	-	-	85,327	-	(95,932)	-	(30,099)	(126,031)	103,010	(19,672)	83,338
57-011	11,176,688	337,897	-	-	-	337,897	-	(379,893)	-	(86,247)	(466,140)	407,923	(56,370)	351,553
57-012	5,628,638	170,167	-	-	-	170,167	-	(191,316)	-	(51,065)	(242,381)	205,432	(33,375)	172,057
57-020	4,546,658	137,456	-	-	-	137,456	-	(154,540)	-	(100,958)	(255,498)	165,943	(65,985)	99,958
57-021	50,720	1,533	-	-	31,996	33,529	-	(1,724)	-	-	(1,724)	1,851	20,913	22,764
57-128	60,417,428	1,826,560	-	-	-	1,826,560	-	(2,053,573)	-	(1,780,705)	(3,834,278)	2,205,098	(1,163,860)	1,041,238
57-165	15,867,671	479,717	-	-	200,149	679,866	-	(539,338)	-	-	(539,338)	579,134	130,817	709,951
57-176	6,128,334	185,274	-	-	112,870	298,144	-	(208,301)	-	-	(208,301)	223,670	73,772	297,442
57-240	27,692,246	837,201	-	-	-	837,201	-	(941,252)	-	(163,587)	(1,104,839)	1,010,703	(106,919)	903,784
57-245	7,298,851	220,661	-	-	-	220,661	-	(248,086)	-	(183,168)	(431,254)	266,391	(119,717)	146,674
57-269	11,248,535	340,069	-	-	153,842	493,911	-	(382,335)	-	• •	(382,335)	410,546	100,551	511,097
57-274	26,141,714	790,325	_	_	180,350	970,675	-	(888,550)	_	-	(888,550)	954,113	117,876	1,071,989
57-290	10,551,239	318,989	_	_	101,357	420,346	-	(358,634)	_	-	(358,634)	385,096	66,246	451,342
57-297	14,043,121	424,556	_	_	278,015	702,571	_	(477,322)	_	_	(477,322)	512,542	181,709	694,251
57-298	13,761,246	416,035	_	_		416,035	_	(467,741)	_	(604,271)	(1,072,012)	502,254	(394,949)	107,305
57-726	5,404,602	163,394	_	_	_	163,394	_	(183,701)	_	(95,651)	(279,352)	197,256	(62,517)	134,739
57-806	218,761	6,614	_	_	-	6,614	-	(7,436)	-	(31,539)	(38,975)	7,984	(20,614)	(12,630)
57-808	125,540	3,795	_	_	-	3,795	_	(4,267)	-	(40,834)	(45,101)	4,582	(26,689)	(22,107)
57-810	1,135,317	34,323		_	242,790	277,113	_	(38,589)	_	(+0,004)	(38,589)	41,436	158,686	200,122
57-811	50,187	1,517	-	-	∠ 1 ∠,130	1,517	-	(1,706)	-	(65,889)	(67,595)	1,832	(43,065)	(41,233)
57-814	1,398,418	42,277	-	-	-	42,277	_	(47,532)	-	(27,298)	(74,830)	51,039	(17,842)	33,197
31-014	1,350,410	42,211	-	-	-	42,211	-	(41,002)	-	(21,290)	(14,030)	51,039	(17,042)	JJ, 171

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	18	Pension Expens	se for the year ended .	June 30, 2018**
Employer Code	Net Pension Liability	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Pension Expense	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
57-815	603,525	18,246	-	-	-	18,246	-	(20,514)	-	(122,030)	(142,544)	22,027	(79,758)	(57,731)
57-816	-	-	-	-	-	-	-	-	-	(121,534)	(121,534)	-	(79,434)	(79,434)
57-817	-	-	-	-	-	-	-	-	-	(1,778)	(1,778)	-	(1,162)	(1,162)
57-818	794,550	24,021	-	-	56,381	80,402	-	(27,007)	-	-	(27,007)	28,999	36,851	65,850
57-819	181,632	5,491	-	-	8,685	14,176	-	(6,174)	-	-	(6,174)	6,629	5,676	12,305
57-821	217,324	6,570	-	-	-	6,570	-	(7,387)	-	(12,340)	(19,727)	7,932	(8,065)	(133)
57-822	242,586	7,334	-	-	5,171	12,505	-	(8,245)	-	-	(8,245)	8,854	3,380	12,234
57-823	217,324	6,570	_	_	4,791	11,361	_	(7,387)	_	_	(7,387)	7,932	3,131	11,063
57-824	747,821	22,608	_	_	50,458	73,066	_	(25,418)	_	_	(25,418)	27,294	32,979	60,273
57-825	175,555	5,307		_	50,919	56,226	_	(5,967)	_	_	(5,967)	6,407	33,281	39,688
57-829	101,257	3,061	_	_	22,174	25,235	_	(3,442)	_	_	(3,442)	3.696	14,493	18,189
57-830	140,539	4,249	_	_	16,264	20,513	_	(4,777)	_	_	(4,777)	5,129	10,630	15,759
57-835	1,547,050	46,771			38,816	85,587		(52,584)		-	(52,584)	56,464	25,370	81,834
57-837	112,293	3,395	_	_	30,010	3,395	-	(3,817)	_	(278,062)	(281,879)	4,098	(181,740)	(177,642)
57-839	426,062	12,881	-	-	147,430	160,311	-	(14,482)	-	(270,002)	(14,482)	15,550	96,359	111,909
57-842	50,096	1,515	-	-	147,430	1,515	-		-	(69,951)	(71,654)	1,828	(45,720)	(43,892)
			-	-			-	(1,703)	-					
57-845	528,499	15,978	-	-	- 0.074	15,978	-	(17,964)	-	(92,191)	(110,155)	19,289	(60,256)	(40,967)
57-847	210,869	6,375	-	-	3,674	10,049	-	(7,167)	-	(40.070)	(7,167)	7,696	2,402	10,098
57-850	431,206	13,036	-	-	-	13,036	-	(14,657)	-	(43,273)	(57,930)	15,738	(28,283)	(12,545)
57-860	133,025	4,022	-	-	-	4,022	-	(4,521)	-	(832)	(5,353)	4,855	(544)	4,311
57-867	78,732	2,380	-	-	9,773	12,153	-	(2,676)	-	-	(2,676)	2,874	6,388	9,262
57-871	317,836	9,609	-	-	8,229	17,838	-	(10,803)	-	-	(10,803)	11,600	5,379	16,979
57-873	1,019,176	30,812	-	-	-	30,812	-	(34,642)	-	(32,205)	(66,847)	37,198	(21,049)	16,149
57-874	373,487	11,291	-	-	-	11,291	-	(12,695)	-	(60,391)	(73,086)	13,631	(39,472)	(25,841)
57-882	222,180	6,717	-	-	-	6,717	-	(7,552)	-	(99,922)	(107,474)	8,109	(65,308)	(57,199)
57-901	2,557,812	77,329	-	-	536,818	614,147	-	(86,939)	-	-	(86,939)	93,354	350,861	444,215
57-907	1,224,701	37,026	-	-	-	37,026	-	(41,627)	-	(58,044)	(99,671)	44,699	(37,938)	6,761
58-016	5,488,791	165,939	-	-	-	165,939	-	(186,563)	-	(51,597)	(238,160)	200,328	(33,724)	166,604
59-014	4,187,895	126,610	-	-	75,233	201,843	-	(142,345)	-	-	(142,345)	152,849	49,172	202,021
59-015	2,566,506	77,591	-	-	149,532	227,123	-	(87,235)	-	-	(87,235)	93,672	97,733	191,405
59-016	2,405,005	72,709	-	-	-	72,709	-	(81,746)	-	(16,326)	(98,072)	87,777	(10,670)	77,107
59-385	3,057,710	92,442	-	-	146,169	238,611	-	(103,931)	-	-	(103,931)	111,599	95,536	207,135
59-800	158,677	4,797	-	-	17,405	22,202	-	(5,393)	-	-	(5,393)	5,791	11,375	17,166
60-001	8,364,079	252,866	-	-	377,942	630,808	-	(284,293)	-	-	(284,293)	305,270	247,021	552,291
60-003	5,339,140	161,415	-	-	-	161,415	-	(181,476)	-	(229,748)	(411,224)	194,866	(150,162)	44,704
60-027	5,169,529	156,287	-	-	24,263	180,550	-	(175,711)	-	-	(175,711)	188,676	15,858	204,534
60-028	4,143,974	125,282	_	_	´ <u>-</u>	125,282	-	(140,853)	_	(13,443)	(154,296)	151,246	(8,787)	142,459
60-029	3,272,519	98,936	-	_	-	98,936	-	(111,232)	-	(18,612)	(129,844)	119,439	(12,164)	107,275
60-030	7,347,257	222,125	_	_	-	222,125	_	(249,731)	_	(141,848)	(391,579)	268,158	(92,711)	175,447
60-211	9,621,173	290,871	_	_	_	290,871	_	(327,021)	_	(187,436)	(514,457)	351,151	(122,508)	228,643
60-717	4,508,297	136,296	_	_	_	136,296	_	(153,236)	_	(4,368)	(157,604)	164,543	(2,855)	161,688
60-744	6,128,856	185,290	_	_	112,887	298,177	_	(208,318)	_	(1,000)	(208,318)	223,689	73,783	297,472
	5,125,500	.55,200			,	_00,		(200,0.0)			(200,0.0)	,000	. 5,. 50	

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	118	Pension Expens	se for the year ended J	June 30, 2018**
Employer Code	Net Pension Liability	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Pension Expense	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
60-800	113,244	3,424	-	-	-	3,424	-	(3,849)	-	(33,295)	(37,144)	4,133	(21,761)	(17,628)
60-801	1,306,537	39,500	-	-	179,163	218,663	-	(44,409)	-	-	(44,409)	47,686	117,100	164,786
61-018	2,505,500	75,747	_	_	54,207	129,954	_	(85,161)	-	_	(85,161)	91,445	35,429	126,874
61-313	2,087,908	63,122	_	_	63,935	127,057	_	(70,967)	_	_	(70,967)	76,204	41,788	117,992
62-006	3,856,738	116,598	_	_	811,901	928,499	_	(131,090)	_	_	(131,090)	140,762	530,654	671,416
62-007	2,795,588	84,517	_	_	105,898	190,415	_	(95,021)	_	_	(95,021)	102,033	69,215	171,248
62-010	25,623	775	_	_	949	1,724	_	(871)	_	_	(871)	935	621	1,556
62-012	274,195	8,290	_	_	-	8,290	_	(9,320)	_	(4,623)	(13,943)	10,007	(3,022)	6,985
62-014	10,675	323	_	_	<u>-</u>	323	-	(363)	_	(5,770)	(6,133)	390	(3,772)	(3,382)
62-015	4,559,332	137,839	-	-	-	137,839	-	(154,971)	-	* ' '	(389,677)	166,405	, , ,	13,002
62-236		168.517	-	-	124,436	292,953	-	(189,461)	-	(234,706)	(189,461)	203,440	(153,403) 81,330	284,770
	5,574,057	, -	-	-			-	, , ,	-		, , ,		,	,
63-001	2,042,618	61,753	-	-	203,233	264,986	-	(69,428)	-	(74.070)	(69,428)	74,551	132,832	207,383
63-002	1,227,731	37,117	-	-	-	37,117	-	(41,730)	-	(74,370)	(116,100)	44,809	(48,608)	(3,799)
63-014	2,868,031	86,707	-	-	93,408	180,115	-	(97,484)	-	-	(97,484)	104,677	61,051	165,728
63-392	3,622,582	109,519	-	-	10,249	119,768	-	(123,131)	-	-	(123,131)	132,216	6,699	138,915
64-020	4,876,458	147,427	-	-	25,627	173,054	-	(165,750)	-	-	(165,750)	177,980	16,749	194,729
64-021	2,014,892	60,915	-	-	72,659	133,574	-	(68,486)	-	-	(68,486)	73,539	47,490	121,029
64-270	4,428,987	133,899	-	-	241,646	375,545	-	(150,540)	-	-	(150,540)	161,648	157,938	319,586
64-324	2,531,725	76,540	-	-	-	76,540	-	(86,053)	-	(10,887)	(96,940)	92,402	(7,116)	85,286
65-001	1,585,709	47,940	-	-	-	47,940	-	(53,898)	-	(15,769)	(69,667)	57,875	(10,307)	47,568
65-020	4,474,329	135,269	-	-	73,759	209,028	-	(152,081)	-	-	(152,081)	163,303	48,208	211,511
65-021	9,345,781	282,545	-	-	326,862	609,407	-	(317,661)	-	-	(317,661)	341,100	213,636	554,736
65-022	3,925,682	118,683	-	-	44,105	162,788	-	(133,433)	-	-	(133,433)	143,278	28,826	172,104
65-120	6,047,507	182,830	-	-	246,947	429,777	-	(205,553)	-	-	(205,553)	220,720	161,404	382,124
66-011	2,888,294	87,320	-	-	186,730	274,050	-	(98,172)	-	-	(98,172)	105,416	122,045	227,461
66-012	3,531,886	106,777	-	-	18,336	125,113	-	(120,048)	-	-	(120,048)	128,906	11,985	140,891
66-013	3,339,012	100,946	-	-	353,040	453,986	-	(113,492)	-	-	(113,492)	121,866	230,745	352,611
66-278	4,232,877	127,970	-	-	918	128,888	-	(143,874)	-	-	(143,874)	154,490	600	155,090
66-719	1,676,616	50,688	-	-	68,294	118,982	-	(56,988)	-	-	(56,988)	61,193	44,637	105,830
67-013	5,903,319	178,471	-	-	88,758	267,229	-	(200,652)	-	-	(200,652)	215,458	58,011	273,469
67-017	3,887,699	117,534	_	_		117,534	-	(132,142)	_	(113,667)	(245,809)	141,892	(74,292)	67,600
67-020	3,282,931	99,251	_	_	18,345	117,596	_	(111,586)	-	-	(111,586)	119,819	11,990	131,809
67-023	4,652,278	140,649	_	_	21,098	161,747	_	(158,130)	_	_	(158,130)	169,797	13,790	183,587
67-025	3,396,902	102,696	_	_	16,830	119,526	_	(115,460)	_	_	(115,460)	123,979	11,000	134,979
67-026	2,819,121	85,229		_	69,019	154,248	_	(95,821)	_	_	(95,821)	102,891	45,111	148,002
67-150	8,983,084	271,580	_	_	-	271,580	_	(305,333)	_	(167,181)	(472,514)	327,862	(109,269)	218,593
67-181	7,633,364	230.774	_	_	129,482	360,256	_	(259,456)	_	(101,101)	(259,456)	278,600	84,628	363.228
67-279	8,880,224	268,470	-	-	129,402	268,470	-	(301,837)	-	(97,118)	(398,955)	324,108	(63,476)	260,632
67-284	6,285,070	190,012	-	-	-	190,012	-	(213,628)	-	(395,585)	(609,213)	229,391	(258,552)	(29,161)
67-284 67-405		190,012 57,458	-	-	49,443		-	, , ,	-	(აფა,აია)			, ,	101,680
67-405 67-758	1,900,544 2,654,808	80,261	-	-	,	106,901 85,448	-	(64,599) (90,236)	-	-	(64,599) (90,236)	69,365 96,894	32,315 3,390	101,080
	, ,	,	-	-	5,187		-		-	-				,
68-001	1,925,434	58,210	-	-	185,021	243,231	-	(65,445)	-	-	(65,445)	70,274	120,929	191,203

		Defe	rred Outflows of R	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	118	Pension Expens	se for the year ended .	June 30, 2018**
		Differences	Differences		Changes in Employer Proportion and Differences		Differences	Differences		Changes in Employer Proportion and Differences			Deferred Amounts from Changes in Proportion and Differences	
Employer	Net Pension	Between Expected and Actual Economic	Between Projected and Actual Investment	Changes of	Between Contributions and Proportionate Share of	Total Deferred Outflows of	Between Expected and Actual Economic	Between Projected and Actual Investment	Changes of	Between Contributions and Proportionate Share of	Total Deferred Inflows of	Proportionate Share of Pension	Between Employer Contributions and Proportionate Share of	Total Employer Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
68-003	73,600	2,225	-	-	-	2,225	-	(2,502)	-	(24,859)	(27,361)	2,686	(16,248)	(13,562)
68-018	4,688,377	141,741	-	-	74,134	215,875	-	(159,357)	-	-	(159,357)	171,115	48,453	219,568
68-019	2,206,885	66,719	-	-	64,331	131,050	-	(75,011)	-	-	(75,011)	80,546	42,047	122,593
68-020	2,845,913	86,039	-	-	271,877	357,916	-	(96,732)	-	-	(96,732)	103,869	177,698	281,567
68-025	1,959,751	59,248	_	-	5,236	64,484	-	(66,611)	-	-	(66,611)	71,526	3,423	74,949
68-265	5,958,730	180,146	-	-	222,447	402,593	-	(202,536)	-	-	(202,536)	217,480	145,390	362,870
69-001	1,871,610	56,583	_	_	, <u>-</u>	56,583	_	(63,616)	-	(43,209)	(106,825)	68,309	(28,242)	40,067
69-005	2,068,447	62,534	_	_	83,411	145,945	_	(70,306)	_	-	(70,306)	75,494	54,517	130,011
69-006	1,229,266	37,164	_	_	-	37,164	_	(41,782)	_	(26,786)	(68,568)	44,865	(17,508)	27,357
69-008	835,482	25,259			17,446	42,705		(28,398)		(20,700)	(28,398)	30,493	11,403	41,896
69-009	1,412,690	42,709	-	_	17,440	42,709	-	(48,017)	_	(27,684)	(75,701)	51,560	(18,094)	33,466
69-010	1,398,264	42,709	-	-	17,650	59,923	-	(47,527)	-	(27,004)	(47,527)	51,033	11,536	62,569
69-012	915,015	27,663	-	-		27,663	-		-	(6,205)	(37,306)	33,396		29,340
		,	-	-	-		-	(31,101)	-	* ' '		46,534	(4,056)	,
69-015	1,274,975	38,545	-	-	- 00.700	38,545	-	(43,336)	-	(2,472)	(45,808)		(1,616)	44,918
69-017	1,659,624	50,174	-	-	82,769	132,943	-	(56,410)	-	(70.010)	(56,410)	60,572	54,097	114,669
69-019	3,258,614	98,515	-	-	-	98,515	-	(110,759)	-	(73,613)	(184,372)	118,932	(48,113)	70,819
70-001	3,208,008	96,986	-	-	176,583	273,569	-	(109,039)	-	-	(109,039)	117,085	115,413	232,498
70-006	6,592,173	199,297	-	-	395,562	594,859	-	(224,066)	-	- -	(224,066)	240,599	258,537	499,136
70-007	1,725,979	52,180	-	-	-	52,180	-	(58,666)	-	(3,053)	(61,719)	62,994	(1,995)	60,999
70-008	6,423,662	194,202	-	-	11,145	205,347	-	(218,339)	-	-	(218,339)	234,449	7,285	241,734
70-010	2,023,117	61,164	-	-	-	61,164	-	(68,765)	-	(22,625)	(91,390)	73,839	(14,787)	59,052
70-012	3,964,604	119,859	-	-	-	119,859	-	(134,756)	-	(196,068)	(330,824)	144,699	(128,149)	16,550
70-013	2,417,462	73,086	-	-	-	73,086	-	(82,169)	-	(63,319)	(145,488)	88,232	(41,385)	46,847
70-014	3,830,450	115,803	-	-	-	115,803	-	(130, 196)	-	(4,406)	(134,602)	139,803	(2,879)	136,924
70-158	9,429,747	285,083	-	-	-	285,083	-	(320,515)	-	(143,141)	(463,656)	344,164	(93,557)	250,607
70-189	4,594,159	138,892	-	-	-	138,892	-	(156,154)	-	(50,210)	(206,364)	167,676	(32,817)	134,859
70-712	5,120,756	154,812	-	-	49,143	203,955	-	(174,053)	-	-	(174,053)	186,896	32,120	219,016
70-730	5,208,274	157,458	_	-	-	157,458	-	(177,028)	-	(271,352)	(448,380)	190,090	(177,354)	12,736
70-800	676,604	20,455	_	_	-	20,455	-	(22,998)	-	(25,074)	(48,072)	24,694	(16,389)	8,305
70-801	1,311,205	39,641	_	_	32,450	72,091	-	(44,568)	-	-	(44,568)	47,856	21,209	69,065
70-820	352,056	10,643	_	_	63,666	74,309	_	(11,966)	-	_	(11,966)	12,849	41,612	54,461
70-870	149,880	4,531	_	_	-	4,531	_	(5,094)	_	(23,192)	(28,286)	5,470	(15,158)	(9,688)
71-001	4,058,885	122,710	_	_	402,238	524,948	_	(137,960)	_	(20, .02)	(137,960)	148,140	262,901	411,041
71-007	2,561,243	77,432	_	_	102,200	77,432	_	(87,056)	_	(83,668)	(170,724)	93,479	(54,685)	38,794
71-013	5,014,185	151,591	_	_	190,978	342,569	_	(170,431)	_	(00,000)	(170,431)	183,006	124,822	307,828
71-013 71-014	2,076,494	62,777	-	-	181,511	244,288	-	(70,580)	-	-	(70,580)	75,787	118,635	194,422
			-	-			-		-					
71-015	4,598,535	139,024	-	-	1,609,872	1,748,896	-	(156,303)	-	(400.252)	(156,303)	167,836	1,052,204	1,220,040
71-017	2,760,469	83,455	-	-	400.400	83,455	-	(93,828)	-	(100,353)	(194,181)	100,751	(65,591)	35,160
71-018	3,049,497	92,193	-	-	109,160	201,353	-	(103,652)	-	-	(103,652)	111,300	71,346	182,646
71-118	8,116,613	245,384	-	-	311,816	557,200	-	(275,882)	-	-	(275,882)	296,238	203,801	500,039
71-755	3,390,620	102,506	-	-	-	102,506	-	(115,246)	-	(214,752)	(329,998)	123,750	(140,361)	(16,611)
72-012	3,352,282	101,347	-	-	-	101,347	-	(113,943)	-	(64,706)	(178,649)	122,351	(42,292)	80,059

Part			Defe	rred Outflows of R	Resources for the	year ended June 30, 2	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	118	Pension Expens	se for the year ended .	June 30, 2018**
72-013	Employer		Between Expected and Actual Economic	Between Projected and Actual Investment		Employer Proportion and Differences Between Contributions and Proportionate Share of	Deferred Outflows of	Between Expected and Actual Economic	Between Projected and Actual Investment		Employer Proportion and Differences Between Contributions and Proportionate Share of	Deferred Inflows of	Share of Pension	from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of	Employer Pension
72-140	Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
72-350	72-013	2,457,965	74,310	-	-	-	74,310	-	(83,546)	-	(55,479)	(139,025)	89,710	(36,260)	53,450
72-320 5,00,192 160,509 - 160,509 (180,489) (178,278) (238,734) 119,775 (51,61) 142,612 72-716 2,966,609 90,937 - 2,555,222 346,118 - (101,657) - - (101,657) 150,774 150,774 150,774 150,807 - - (101,657) 150,774 150,774 150,807 - - (101,657) 150,774 150,807 150,774 150,807 - - (101,657) 150,774 150,907 2,864,456 170,303 150,907 2,864,456 170,737 - (101,657) 9,997 3,439 172,738 7,500 1,451,318 4,642,477 2,910,418 1,900,709 - (101,438) 1,900,909 9,997 3,439 172,768 1,725,909 1,900,709 1,900,709 1,900,709 1,900,709 1,900,709 3,439 1,727,898 1,725,909 1,900,709 1,900,709 1,900,709 1,900,709 1,900,709 1,900,709 1,900,709 1,9	72-140	9,931,535	300,253	-	-	39,701	339,954	-	(337,570)	-	-	(337,570)	362,478	25,949	388,427
72-334 2,066,173 63,372 - 71,246 - (22,765) (101,867) 76,505 (21,376) 55,129 72-756 7,076,546 215,946 - 265,522 346,119 (101,867) (200,530) 262,027 101,045 383,488 - (240,530) (200,530) 258,272 73,441 337,719 72-765 7,076,546 117,269 (240,530) (200,530) 258,272 74,441 337,719 72-040 1,531,353 40,227 - 30,722 80,019 (62,051) (52,051) 66,360 52,431 147,789 7-0404 1,531,353 40,227 - 30,722 80,019 (62,051) (52,051) 66,360 52,431 147,789 7-0408 3,470,714 14,962 14,3696 248,926 (117,969) (117,869) 52,431 141,022,789 7-2-018 3,369,973 89,736 14,928 48,822 (92,349) - (92,349) 9,163 8,248 7-2-018 3,360 98,736 14,922				-	-			_		-	(78,276)				
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73-728			,	-	-	-		-		-					
73-800		5,024,047	151,889	-	-	-	151,889	-	(170,766)	-	(133,965)	(304,731)	183,366	(87,558)	95,808
73-875	73-728	3,003,410	90,800	-	-	135,634	226,434	-	(102,085)	-	-	(102,085)	109,618	88,650	198,268
74-001 8,002,785 241,943 - 69,894 311,837 - (272,013) - (272,013) 292,083 45,683 337,766 74-010 1,812,746 54,804 - 6,238 69,766 - (71,424) - (16,15) 66,161 29,375 95,536 74-013 1,042,663 31,522 - 44,944 99,748 (61,615) - - (61,615) 66,161 29,375 95,336 74-014 1,528,368 46,206 - 35,347 81,553 - (51,949) - - (51,949) 55,782 23,102 78,884 74-139 4,858,039 146,870 - 146,870 - (165,124) - (73,794) (238,918) 177,307 (48,231) 129,076 74-194 6,491,524 196,254 - 102,053 298,307 (220,645) - - (51,441) - (38,481) 177,307 (47,509) 20,829 (36,021)	73-800	33,458	1,012	-	-	-	1,012	-	(1,137)	-	(217,031)	(218,168)	1,221	(141,851)	(140,630)
74-003 2,101,333 63,528 - 6,238 69,766 - (71,424) - - (71,424) 76,694 4,077 80,771 74-010 1,812,746 54,804 - - 44,944 99,748 - (61,615) - - (61,615) 66,161 29,375 95,753 74-013 1,042,663 31,522 - - 14,946 46,688 - (35,440) - - (51,949) 55,782 23,102 78,884 74-194 1,528,368 46,206 - - 35,347 81,553 - (16,194) - - (51,949) 55,782 23,102 78,884 74-194 64,91,524 196,254 - - 102,053 298,307 - (220,645) - - (20,645) 236,926 66,702 303,628 78-003 1,600,794 48,396 - - 29,698 78,094 - (19,398) (55,111) (73-875	1,220,091	36,886	-	-	253,791	290,677	-	(41,471)	-	-	(41,471)	44,531	165,877	210,408
74-010 1,812,746 54,804 - 44,944 99,748 - (61,615) - - (61,615) 66,161 29,375 95,536 74-013 1,042,663 31,522 - - 14,946 46,688 - (35,440) - - (51,949) 55,782 23,102 78,884 74-014 1,528,368 46,206 - - 35,347 81,553 - (61,949) - - (51,949) 55,782 23,102 78,884 74-139 4,858,039 146,870 - 146,870 - (165,124) - (73,794) (238,918) 177,307 (48,231) 129,076 74-194 6,491,524 196,254 - - 172,254 - (220,645) - - (220,645) - - (220,645) - - - (20,645) - - - - - - - - - - - -	74-001	8,002,785	241,943	-	-	69,894	311,837	-	(272,013)	-	-	(272,013)	292,083	45,683	337,766
74-010 1,812,746 54,804 - - 44,944 99,748 - (61,615) - - (61,615) 66,161 29,375 95,536 74-013 1,042,663 31,522 - - 14,946 46,468 - (35,440) - - (35,440) 33,052 9,769 47,824 74-014 1,529,368 46,206 - - 35,347 81,553 - (61,949) - - (51,949) 55,782 23,102 78,884 74-139 4,858,039 146,870 - - 146,870 - (165,124) - (73,794) (238,918) 177,307 (48,231) 129,076 74-897 570,703 17,254 - - 2,9689 78,094 - (55,111) (74,509) 2,829 (36,021) (15,192) 75-003 1,500,794 48,396 - - 2,9689 78,094 - (54,411) - - (58,429)	74-003	2,101,333	63,528	_	-	6,238	69,766	-	(71,424)	-	-	(71,424)	76,694	4,077	80,771
74-013 1,042,663 31,522 - 14,946 46,468 - (55,440) - - (35,440) 38,055 9,769 47,824 74-014 1,528,368 46,206 - 35,347 81,553 - (51,949) - (51,949) 55,782 23,102 78,884 74-139 4,858,039 146,870 - 146,870 - (165,124) - (73,794) (238,918) 177,307 (48,231) 129,076 74-194 6,491,524 196,254 - 102,053 298,307 - (220,645) - - (220,645) - - (220,628) 66,072 303,628 74-194 6,491,524 196,254 - - - 17,254 - (19,398) - - (20,645) - - (20,629) 66,702 303,628 75-003 1,600,794 48,396 - - 29,988 78,094 - (54,411) - -	74-010		54.804	_	_	44.944	99.748	-		_	-		66,161		
74-014 1,528,368 46,206 - 35,347 81,553 - (51,949) - - (51,949) 55,782 23,102 78,884 74-139 4,858,039 146,870 - - 146,870 - (165,124) - (73,794) (236,918) 177,307 (48,231) 129,076 74-194 6,491,524 196,254 - - 102,053 298,307 - (220,645) - - (220,645) 22,0645 - - (220,645) - - (220,645) - - (220,645) - - (220,645) - - (220,645) - - (220,645) - - (20,645) - - (20,645) - - (20,645) - - (20,645) - - (20,645) - - (20,645) - - - (20,645) - - - - - - - - - -			,	_	_	,		_		_	_		,		
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74-897 570,703 17,254 - - 17,254 - (19,398) - (55,111) (74,509) 20,829 (36,021) (15,192) 75-003 1,600,794 48,396 - 29,698 78,094 - (54,411) - - (54,411) 58,425 19,411 77,836 75-005 1,713,711 51,809 - - 39,862 91,671 - (58,249) - - (58,249) 62,547 26,613 78,806 75-007 1,758,773 53,172 - 93,954 147,126 - (59,780) - - (59,780) 64,191 61,408 125,599 75-010 1,393,894 42,141 - - 103,869 146,010 - (47,378) - - (59,780) 64,191 61,408 125,599 75-015 1,064,122 33,171 - - 36,268 68,439 - (47,378) - - (47,378)				_	_	102 053		_		_					
75-003 1,600,794 48,396 - - 29,698 78,094 - (54,411) - - (54,411) 58,425 19,411 77,836 75-005 1,713,711 51,809 - - 39,862 91,671 - (58,249) - - (58,249) 62,547 26,053 88,800 75-007 1,758,773 53,172 - - 93,954 147,126 - (59,780) - - (58,249) 62,547 26,053 88,800 75-010 1,393,894 42,141 - - 103,869 146,010 - (47,378) - - (59,780) - - (47,378) 50,874 61,888 118,762 75-015 1,064,122 32,171 - - 36,268 68,439 - (71,431) - - (36,169) 38,838 23,705 62,543 75-020 2,101,551 63,555 - - 58,038 121,573															
75-005 1,713,711 51,809 - - 39,862 91,671 - (58,249) - - (58,249) 62,547 26,053 88,600 75-007 1,758,773 53,172 - 93,954 147,126 - (59,780) - - (59,780) 64,191 61,408 125,599 75-010 1,393,894 42,141 - - 103,869 146,010 - (47,378) - - (59,780) 64,191 61,408 125,599 75-015 1,064,122 32,171 - - 36,268 68,439 - (36,169) - - (36,169) 38,838 23,705 62,543 75-020 2,101,551 63,535 - - 58,038 121,573 - (107,944) - - (71,431) 76,702 37,933 114,635 75-022 3,175,787 96,011 - - 142,065 238,076 - (107,944) - -				_	_			-		_	(55,111)				
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76-006 5,936,331 179,469 - - 134,087 313,556 - (201,774) - - (201,774) 216,662 87,639 304,301 76-007 3,582,692 108,313 - - 112,313 220,626 - (121,775) - - (121,775) 130,760 73,407 204,167 76-012 14,104,591 426,415 - - 426,415 - (479,411) - (239,373) (718,784) 514,785 (156,453) 358,332	75-900	1,583,458	47,872	-	-	105,458	153,330	-	(53,821)	-	-	(53,821)	57,793	68,927	126,720
76-006 5,936,331 179,469 - - 134,087 313,556 - (201,774) - - (201,774) 216,662 87,639 304,301 76-007 3,582,692 108,313 - - 112,313 220,626 - (121,775) - - (121,775) 130,760 73,407 204,167 76-012 14,104,591 426,415 - - 426,415 - (479,411) - (239,373) (718,784) 514,785 (156,453) 358,332	76-001	14,818,193	447,989	-	-	-	447,989	-	(503,667)	-	(820,744)	(1,324,411)	540,830	(536,434)	4,396
76-007 3,582,692 108,313 112,313 220,626 - (121,775) (121,775) 130,760 73,407 204,167 76-012 14,104,591 426,415 426,415 - (479,411) - (239,373) (718,784) 514,785 (156,453) 358,332	76-006	5,936,331	179,469	-	-	134,087	313,556	-	(201,774)	-			216,662		304,301
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		Defe	rred Outflows of F	Resources for the	year ended June 30, 2	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	18	Pension Expens	se for the year ended	June 30, 2018**
					Changes in					Changes in			Deferred Amounts	
					Employer					Employer			from Changes in	
					Proportion and					Proportion and			Proportion and	
		Differences	Differences		Differences		Differences	Differences		Differences			Differences	
		Between	Between		Between		Between	Between		Between			Between Employer	
		Expected	Projected		Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Contributions	Total
		and Actual	and Actual		Proportionate	Deferred	and Actual	and Actual		and Proportionate	Deferred	Share of	and Proportionate	Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
·														
76-022	2,033,655	61,482	-	-	-	61,482	-	(69,123)	-	(43,977)	(113,100)	74,224	(28,743)	45,481
76-024	12,870,801	389,114	-	-	424,091	813,205	-	(437,475)	-	<u>-</u>	(437,475)	469,755	277,184	746,939
76-026	15,223,334	460,237	-	-	-	460,237	-	(517,437)	-	(119,807)	(637,244)	555,617	(78,306)	477,311
76-033	4,227,905	127,819	-	-	-	127,819	-	(143,705)	-	(57,579)	(201,284)	154,309	(37,634)	116,675
76-034	5,554,035	167,911	-	-	-	167,911	-	(188,780)	-	(107,247)	(296,027)	202,710	(70,096)	132,614
76-035	4,099,588	123,940	-	-	-	123,940	-	(139,344)	-	(257,362)	(396,706)	149,626	(168,211)	(18,585)
76-036	3,623,607	109,550	-	-	-	109,550	-	(123,165)	-	(104,114)	(227,279)	132,253	(68,048)	64,205
76-037	3,037,854	91,841	-	-	15,270	107,111	-	(103,256)	-	-	(103,256)	110,875	9,981	120,856
76-102	8,202,337	247,976	-	-	18,003	265,979	-	(278,795)	-	-	(278,795)	299,366	11,766	311,132
76-117	33,200,968	1,003,743	-	-	442,856	1,446,599	-	(1,128,492)	-	-	(1,128,492)	1,211,759	289,448	1,501,207
76-164	10,125,354	306,113	-	-	973,146	1,279,259	-	(344,158)	-	-	(344,158)	369,552	636,043	1,005,595
76-242	-	-	-	-	-	-	-	-	-	(308,727)	(308,727)	-	(201,782)	(201,782)
76-262	11,183,005	338,088	-	-	-	338,088	-	(380,107)	-	(279,059)	(659, 166)	408,154	(182,392)	225,762
76-281	6,737,558	203,692	-	-	80,304	283,996	-	(229,008)	-	-	(229,008)	245,905	52,487	298,392
76-770	1,093,852	33,070	-	-	-	33,070	-	(37,180)	-	(30,740)	(67,920)	39,923	(20,091)	19,832
76-800	-	-	-	-	-	-	-	-	-	(3,125)	(3,125)	-	(2,043)	(2,043)
76-803	153,259	4,633	-	-	63,249	67,882	-	(5,209)	-	-	(5,209)	5,594	41,339	46,933
76-805	144,898	4,381	-	-	-	4,381	-	(4,925)	-	(2,147)	(7,072)	5,288	(1,404)	3,884
76-807	202,977	6,136	-	-	26,227	32,363	-	(6,899)	-	-	(6,899)	7,408	17,142	24,550
76-808	244,264	7,385	-	-	-	7,385	-	(8,302)	-	(14,741)	(23,043)	8,915	(9,635)	(720)
76-858	377,731	11,420	-	-	-	11,420	-	(12,839)	-	(36,726)	(49,565)	13,786	(24,004)	(10,218)
76-876	407,564	12,322	-	-	11,910	24,232	-	(13,853)	-	-	(13,853)	14,875	7,784	22,659
76-889	192,015	5,805	-	-	6,682	12,487	-	(6,527)	-	-	(6,527)	7,008	4,367	11,375
77-001	4,325,674	130,775	-	-		130,775	-	(147,029)	-	(288,632)	(435,661)	157,877	(188,648)	(30,771)
77-002	8,268,830	249,986	-	-	66,172	316,158	-	(281,055)	-	-	(281,055)	301,793	43,249	345,042
77-003	7,047,714	213,069	-	-	· -	213,069	-	(239,550)	-	(142,486)	(382,036)	257,225	(93,128)	164,097
77-005	4,891,721	147,888	-	-	161,183	309,071	-	(166,268)	-	-	(166,268)	178,537	105,349	283,886
77-006	4,023,651	121,644	_	_	167,565	289,209	-	(136,763)	-	-	(136,763)	146,854	109,519	256,373
77-007	10,236,238	309,465	_	_	-	309,465	_	(347,927)	_	(129,218)	(477,145)	373,599	(84,456)	289,143
77-010	1,934,735	58,492	_	_	_	58,492	_	(65,761)	_	(1,295)	(67,056)	70,613	(847)	69,766
77-016	6,446,565	194,895	_	_	_	194,895	_	(219,117)	_	(113,054)	(332,171)	235,285	(73,891)	161,394
77-101	74,327,776	2,247,102	_	_	_	2,247,102	_	(2,526,382)	_	(380,319)	(2,906,701)	2,712,793	(248,574)	2,464,219
77-106	9,969,706	301,407	_	_	426,168	727,575	_	(338,868)	_	-	(338,868)	363,871	278,542	642,413
77-127	11,079,486	334,959	_	_	.20,.00	334,959	_	(376,589)	_	(475,252)	(851,841)	404,376	(310,623)	93,753
77-237	6,516,059	196,996	_	_	671	197,667	_	(221,479)	_	(,202)	(221,479)	237,821	438	238,259
77-257	14,542,956	439,667	_	_	-	439,667	_	(494,311)		(1,349,017)	(1,843,328)	530,785	(881,711)	(350,926)
77-277	6,871,775	207,750			74,261	282,011		(233,570)		(1,040,017)	(233,570)	250,804	48,536	299,340
77-280	7,399,689	223,710	-	-	39,484	263,194	_	(251,514)	-	-	(251,514)	270,072	25,807	295,879
77-285	11,029,505	333,448	-	-	J3, 404	333,448	-	(374,890)	-	(768,270)	(1,143,160)	402,552	(502,138)	(99,586)
77-296	12,646,644	382,338	-	-	134,819	517,157	-	(429,856)	-	(100,210)	(429,856)	461,574	(502, 136) 88,117	(99,560) 549,691
77-290 77-300	16,418,964	496,384	-	-	134,019	496,384	-	(558,076)	-	(463,617)	(1,021,693)	599,255	(303,017)	296,238
77-502	79,497,683	2,403,411	-	-		2,403,411	-	(2,702,108)	-	(9,945,490)	(12,647,598)	2,901,506	(6,500,307)	(3,598,801)
11-302	19,491,003	۷,403,411	-	-	-	۷,403,411	-	(2,102,100)	-	(3,343,430)	(12,047,090)	2,901,000	(0,300,307)	(3,350,001)

		Defe	rred Outflows of R	Resources for the	year ended June 30, 2	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	118	Pension Expens	se for the year ended J	June 30, 2018**
Employer Code	Net Pension Liability	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Contributions	Total Deferred Outflows of Resources	Differences Between Expected and Actual Economic Experience	Differences Between Projected and Actual Investment Earnings	Changes of Assumptions	Changes in Employer Proportion and Differences Between Contributions and Proportionate Share of Pension Expense	Total Deferred Inflows of Resources	Proportionate Share of Pension Expense	Deferred Amounts from Changes in Proportion and Differences Between Employer Contributions and Proportionate Share of Contributions	Total Employer Pension Expense
77-765	1,499,154	45,323	_	_	-	45,323	_	(50,956)	_	(61,079)	(112,035)	54,716	(39,921)	14,795
77-803	449,206	13,581	-	-	-	13,581	-	(15,268)	-	(10,180)	(25,448)	16,395	(6,654)	9,741
77-804	557,226	16,846	-	-	97,433	114,279	_	(18,940)	-	-	(18,940)	20,337	63,681	84,018
77-810	123,719	3,740	-	-		3,740	_	(4,205)	-	(20,096)	(24,301)	4,515	(13,135)	(8,620)
77-811	186,363	5,634	-	_	_	5,634	_	(6,334)	-	(34,391)	(40,725)	6,802	(22,477)	(15,675)
77-820	111,680	3,376	-	_	_	3,376	_	(3,796)	-	(57,810)	(61,606)	4,076	(37,784)	(33,708)
77-825	501,386	15,158	_	_	_	15,158	_	(17,042)	-	(26,579)	(43,621)	18,299	(17,372)	927
77-827	178,161	5,386	_	_	36,751	42,137	_	(6,056)	_	(20,0.0)	(6,056)	6,502	24,020	30,522
77-829	455,426	13,769	_	_	30,778	44,547	_	(15,480)	_	_	(15,480)	16,622	20,117	36,739
77-830	798,937	24,154			271,093	295,247		(27,156)		_	(27,156)	29,159	177,185	206,344
77-831	428,388	12,951			271,000	12,951		(14,561)		(3,706)	(18,267)	15,635	(2,422)	13,213
77-832	216,934	6,558			73,134	79,692		(7,374)		(3,700)	(7,374)	7,918	47,800	55,718
77-836	202,376	6,118	-	-	21,075	27,193	-	(6,879)	_	-	(6,879)	7,386	13,774	21,160
77-837	156,593	4,734	-	-	21,073	4,734	-	(5,323)	-	(46,248)	(51,571)	5,715	(30,228)	(24,513)
77-842	137,040	4,734	-	-	-	4,734	-	(4,658)	-	(97,583)	(102,241)	5,002	(63,780)	(58,778)
		,	-	-	-		-		-	, , ,		,	. , ,	. , ,
77-847 77-852	605,192	18,296 3,665	-	-	-	18,296 3,665	-	(20,570)	-	(111,112)	(131,682)	22,088 4,425	(72,622)	(50,534)
	121,227	,	-	-	-	,	-	(4,120)	-	(33,388)	(37,508)	,	(21,823)	(17,398)
77-888	201,196	6,083	-	-	602	6,685	-	(6,839)	-	(40.060)	(6,839)	7,343 8,020	393	7,736
77-897	219,741	6,643	-	-	-	6,643	-	(7,469)	-	(19,960)	(27,429)	,	(13,045)	(5,025)
77-911	3,389,010	102,460	-	-	235,568	338,028	-	(115,184)	-	(040.700)	(115,184)	123,680	153,966	277,646
78-001	8,000,013	241,859	-	-	-	241,859	-	(271,918)	-	(319,722)	(591,640)	291,982	(208,969)	83,013
78-002	929,980	28,115	-	-	14,068	42,183	-	(31,610)	-	-	(31,610)	33,942	9,195	43,137
78-004	1,384,421	41,854	-	-	12,469	54,323	-	(47,056)	-	- (100.000)	(47,056)	50,528	8,150	58,678
78-005	1,887,130	57,052	-	-	-	57,052	-	(64,143)	-	(129,852)	(193,995)	68,876	(84,871)	(15,995)
78-006	3,140,170	94,935	-	-	133,971	228,906	-	(106,734)	-	- -	(106,734)	114,609	87,563	202,172
78-013	6,869,117	207,669	-	-	-	207,669	-	(233,480)	-	(287,794)	(521,274)	250,707	(188,100)	62,607
78-016	3,170,295	95,845	-	-	307	96,152	-	(107,758)	-	-	(107,758)	115,708	200	115,908
78-017	1,601,625	48,421	-	-	-	48,421	-	(54,439)	-	(34,933)	(89,372)	58,456	(22,832)	35,624
78-018	1,350,087	40,816	-	-	24,775	65,591	-	(45,889)	-	-	(45,889)	49,275	16,193	65,468
78-023	1,239,540	37,474	-	-	54,839	92,313	-	(42,132)	-	-	(42,132)	45,240	35,843	81,083
78-026	2,490,925	75,306	-	-	38,499	113,805	-	(84,666)	-	-	(84,666)	90,913	25,163	116,076
78-027	2,376,610	71,850	-	-	132,341	204,191	-	(80,780)	-	-	(80,780)	86,741	86,497	173,238
78-028	3,825,353	115,649	-	-	-	115,649	-	(130,023)	-	(22,747)	(152,770)	139,617	(14,867)	124,750
78-029	1,988,164	60,107	-	-	80,798	140,905	-	(67,577)	-	-	(67,577)	72,563	52,809	125,372
78-030	2,062,806	62,363	-	-	84,550	146,913	-	(70,114)	-	-	(70,114)	75,288	55,261	130,549
78-031	1,703,540	51,502	-	-	2,533	54,035	-	(57,903)	-	-	(57,903)	62,175	1,655	63,830
78-144	4,165,714	125,939	-	-	40,737	166,676	-	(141,592)	-	-	(141,592)	152,039	26,625	178,664
78-173	5,150,372	155,708	-	-	-	155,708	-	(175,060)	-	(282,592)	(457,652)	187,977	(184,700)	3,277
78-203	17,491,414	528,806	-	-	2,096	530,902	-	(594,529)	-	-	(594,529)	638,396	1,370	639,766
78-338	5,038,296	152,319	-	-	55,056	207,375	-	(171,250)	-	-	(171,250)	183,886	35,985	219,871
78-356	2,519,068	76,157	-	-	-	76,157	-	(85,622)	-	(50,402)	(136,024)	91,940	(32,942)	58,998
78-718	3,305,674	99,938	-	-	-	99,938	-	(112,359)	-	(133,123)	(245,482)	120,650	(87,009)	33,641

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows	of Resources for the	year ended June 30, 20	118	Pension Expens	se for the year ended .	June 30, 2018**
		Differences Between	Differences Between		Changes in Employer Proportion and Differences Between	Tabl	Differences Between	Differences Between		Changes in Employer Proportion and Differences Between	Total	Down the state of	Deferred Amounts from Changes in Proportion and Differences Between Employer	Tabl
		Expected and Actual	Projected and Actual		Contributions and Proportionate	Total Deferred	Expected and Actual	Projected and Actual		Contributions and Proportionate	Total Deferred	Proportionate Share of	Contributions and Proportionate	Total Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
78-803	790,191	23,889	-	-	-	23,889	-	(26,858)	-	(40,150)	(67,008)	28,840	(26,242)	2,598
78-805	238,566	7,212	-	-	-	7,212	-	(8,109)	-	(37,342)	(45,451)	8,707	(24,406)	(15,699)
78-833	225,130	6,806	-	-	-	6,806	-	(7,652)	-	(48,495)	(56,147)	8,217	(31,696)	(23,479)
78-865	60,542	1,830	-	-	-	1,830	-	(2,058)	-	(8,598)	(10,656)	2,210	(5,619)	(3,409)
79-001	3,896,393	117,797	-	-	-	117,797	-	(132,437)	-	(246,184)	(378,621)	142,209	(160,905)	(18,696)
79-019	949,539	28,707	-	-	-	28,707	-	(32,275)	-	(57,259)	(89,534)	34,656	(37,425)	(2,769)
79-029	2,678,736	80,984	-	-	-	80,984	-	(91,050)	-	(46,002)	(137,052)	97,768	(30,066)	67,702
79-031	4,092,062	123,713	-	-	841	124,554	-	(139,088)	-	-	(139,088)	149,351	549	149,900
79-032	2,903,230	87,771	-	-	47,546	135,317	-	(98,680)	-	-	(98,680)	105,961	31,075	137,036
79-132	4,799,295	145,094	-	-	103,290	248,384	-	(163,127)	-	-	(163,127)	175,163	67,509	242,672
79-172	6,879,323	207,978	-	-	353,168	561,146	-	(233,826)	-	-	(233,826)	251,080	230,829	481,909
79-198	5,226,830	158,019	-	-	223,674	381,693	-	(177,659)	-	-	(177,659)	190,767	146,192	336,959
79-354	3,125,485	94,491	-	-	11,138	105,629	-	(106,234)	-	-	(106,234)	114,073	7,279	121,352
79-763	3,613,264	109,237	-	-	141,050	250,287	-	(122,814)	-	-	(122,814)	131,876	92,190	224,066
79-800	918,767	27,776	-	-	60,091	87,867	-	(31,229)	-	-	(31,229)	33,533	39,275	72,808
80-020	3,000,421	90,710	-	-	76,934	167,644	-	(101,984)	-	-	(101,984)	109,508	50,284	159,792
80-022	5,259,372	159,003	-	-	658,438	817,441	-	(178,765)	-	-	(178,765)	191,955	430,351	622,306
80-345	14,706,169	444,602	-	-	590,237	1,034,839	-	(499,859)	-	-	(499,859)	536,741	385,775	922,516
81-015	1,781,704	53,865	-	-	-	53,865	-	(60,560)	-	(25,270)	(85,830)	65,028	(16,516)	48,512
81-016	2,145,810	64,873	-	-	16,740	81,613	-	(72,936)	-	-	(72,936)	78,317	10,942	89,259
81-200	5,353,183	161,839	-	-		161,839	-	(181,953)	-	(158,272)	(340,225)	195,379	(103,445)	91,934
81-768	1,855,127	56,085	-	-	26,208	82,293	-	(63,055)	-	-	(63,055)	67,708	17,129	84,837
82-019	6,109,435	184,702	-	-		184,702	-	(207,658)	-	(299,272)	(506,930)	222,980	(195,602)	27,378
83-001	3,252,795	98,340	-	-	47,557	145,897	-	(110,562)	-	-	(110,562)	118,720	31,083	149,803
83-003	4,165,227	125,925	-	-	187,628	313,553	-	(141,575)	-	-	(141,575)	152,021	122,633	274,654
83-013	3,223,392	97,451	-	-		97,451	-	(109,562)	-	(7,473)	(117,035)	117,646	(4,884)	112,762
83-014	13,454,389	406,758	-	-	1,660,060	2,066,818	-	(457,311)	-	- (0.10.1.10)	(457,311)	491,054	1,085,007	1,576,061
83-015	12,887,146	389,609	-	-	-	389,609	-	(438,031)	-	(212,418)	(650,449)	470,351	(138,835)	331,516
83-161	12,679,364	383,327	-	-	-	383,327	-	(430,968)	-	(100,037)	(531,005)	462,768	(65,384)	397,384
83-167	31,049,665	938,704	-	-	1,076,366	2,015,070	-	(1,055,370)	-	-	(1,055,370)	1,133,242	703,508	1,836,750
83-225	7,670,161	231,887	-	-	172,605	404,492	-	(260,707)	-	-	(260,707)	279,943	112,813	392,756
83-273	14,534,594	439,415	-	-	151,052	590,467	-	(494,027)	-	-	(494,027)	530,479	98,727	629,206
83-769	3,588,820	108,498	-	-	130,736	239,234	-	(121,983)	-	-	(121,983)	130,984	85,449	216,433
83-800	619,401	18,726	-	-	-	18,726	-	(21,053)	-	(217,217)	(238,270)	22,607	(141,972)	(119,365)
83-887	217,518	6,576	-	-	-	6,576	-	(7,393)	-	(24,115)	(31,508)	7,939	(15,762)	(7,823)
83-900	4,800,647	145,135	-	-	997,312	1,142,447	-	(163,173)	-	-	(163,173)	175,213	651,838	827,051
84-005	2,682,087	81,086	-	-	166,457	247,543	-	(91,163)	-	(74.050)	(91,163)	97,890	108,796	206,686
84-020	5,653,133	170,907	-	-	-	170,907	-	(192,149)	-	(71,359)	(263,508)	206,326	(46,640)	159,686
84-023	1,763,337	53,310	-	-	70,727	124,037	-	(59,935)	-	- (0.040)	(59,935)	64,358	46,226	110,584
84-024	1,836,554	55,523	-	-	-	55,523	-	(62,424)	-	(9,943)	(72,367)	67,030	(6,499)	60,531
84-160	6,350,503	191,991	-	-	-	191,991	-	(215,852)	-	(335,336)	(551,188)	231,779	(219,174)	12,605
84-249	2,956,539	89,383	-	-	160,544	249,927	-	(100,492)	-	-	(100,492)	107,907	104,930	212,837

		Defe	rred Outflows of F	Resources for the	year ended June 30,	2018		Deferred Inflows o	f Resources for the	year ended June 30, 201	8	Pension Expens	se for the year ended	June 30, 2018**
		Differences	Differences		Changes in Employer Proportion and		Differences	Differences		Changes in Employer Proportion and		•	Deferred Amounts from Changes in Proportion and Differences	
			Differences Between		Differences		Differences Between	Differences Between		Differences Between				
		Between Expected	Projected		Between Contributions and	Total	Expected	Projected		Contributions	Total	Proportionate	Between Employer Contributions	Total
		and Actual	and Actual		Proportionate	Deferred	and Actual	and Actual		and Proportionate	Deferred	Share of	and Proportionate	Employer
Employer	Net Pension	Economic	Investment	Changes of	Share of	Outflows of	Economic	Investment	Changes of	Share of	Inflows of	Pension	Share of	Pension
Code	Liability	Experience	Earnings	Assumptions	Contributions	Resources	Experience	Earnings	Assumptions	Pension Expense	Resources	Expense	Contributions	Expense
	•	·		·					·	·				
84-734	2,224,238	67,244	-	-	168,350	235,594	-	(75,601)	-	-	(75,601)	81,180	110,032	191,212
84-753	2,907,829	87,910	-	-	-	87,910	-	(98,836)	-	(160,469)	(259,305)	106,129	(104,881)	1,248
85-001	4,459,347	134,816	-	-		134,816	-	(151,572)	-	(178,364)	(329,936)	162,756	(116,577)	46,179
85-005	3,127,370	94,548	-	-	84,036	178,584	-	(106,298)	-	-	(106,298)	114,142	54,925	169,067
85-006	3,533,244	106,818	-	-	93,234	200,052	-	(120,094)	-	-	(120,094)	128,955	60,937	189,892
85-010	2,108,211	63,736	-	-	-	63,736	-	(71,658)	-	(39,017)	(110,675)	76,945	(25,502)	51,443
85-011	2,700,660	81,647	-	-	-	81,647	-	(91,795)	-	(103,073)	(194,868)	98,568	(67,368)	31,200
85-014	3,983,733	120,438	-	-	-	120,438	-	(135,406)	-	(110,898)	(246,304)	145,397	(72,482)	72,915
85-016	2,263,172	68,421	-	-	49,838	118,259	-	(76,925)	-	-	(76,925)	82,601	32,574	115,175
85-021	3,684,407	111,388	-	-	-	111,388	-	(125,232)	-	(146,100)	(271,332)	134,472	(95,490)	38,982
85-208	11,498,149	347,616	-	-	18,096	365,712	-	(390,819)	-	-	(390,819)	419,656	11,827	431,483
85-235	3,468,807	104,870	-	-	-	104,870	-	(117,904)	-	(13,128)	(131,032)	126,604	(8,581)	118,023
85-364	2,053,385	62,079	-	-	-	62,079	-	(69,794)	-	(81,373)	(151,167)	74,944	(53,185)	21,759
85-709	2,757,124	83,354	-	-	-	83,354	-	(93,714)	-	(45,400)	(139,114)	100,629	(29,674)	70,955
85-870	43,154	1,305	-	-	12,663	13,968	-	(1,467)	-	-	(1,467)	1,575	8,276	9,851
85-907	2,034,445	61,506	-	-	-	61,506	-	(69,150)	-	(164,408)	(233,558)	74,253	(107,457)	(33,204)
86-007	1,657,883	50,122	-	-	30,666	80,788	-	(56,351)	-	-	(56,351)	60,509	20,043	80,552
86-016	987,876	29,866	-	-	4,360	34,226	-	(33,578)	-	-	(33,578)	36,055	2,849	38,904
86-020	1,349,136	40,788	-	-	1,580	42,368	-	(45,857)	-	-	(45,857)	49,240	1,033	50,273
86-021	1,691,667	51,143	-	-	-	51,143	-	(57,499)	-	(95,749)	(153,248)	61,742	(62,581)	(839)
86-022	1,822,482	55,098	-	-	104,728	159,826	-	(61,946)	-	-	(61,946)	66,516	68,449	134,965
86-213	5,642,801	170,595	-	-	264,188	434,783	-	(191,797)	-	-	(191,797)	205,949	172,672	378,621
86-351	2,589,209	78,278	-	-	10,948	89,226	-	(88,007)	-	-	(88,007)	94,500	7,156	101,656
87-001	9,024,601	272,835	-	-	373,369	646,204	-	(306,744)	-	-	(306,744)	329,377	244,032	573,409
87-012	3,147,031	95,142	-	-	-	95,142	-	(106,967)	-	(43,237)	(150,204)	114,859	(28,260)	86,599
87-019	1,963,348	59,357	-	-	-	59,357	-	(66,734)	-	(107,414)	(174,148)	71,658	(70,206)	1,452
87-026	2,755,458	83,304	-	-	-	83,304	-	(93,657)	-	(99,596)	(193,253)	100,568	(65,096)	35,472
87-035	3,464,323	104,735	-	-	-	104,735	-	(117,751)	-	(164,779)	(282,530)	126,440	(107,699)	18,741
87-036	3,553,111	107,419	-	-	67,710	175,129	-	(120,769)	-	-	(120,769)	129,680	44,255	173,935
87-037	3,597,308	108,755	-	-	-	108,755	-	(122,272)	-	(21,364)	(143,636)	131,293	(13,964)	117,329
87-113	7,765,909	234,782	-	-	-	234,782	-	(263,961)	-	(191,913)	(455,874)	283,438	(125,434)	158,004
87-361	12,717,730	384,487	-	-	937,730	1,322,217	-	(432,272)	-	<u>-</u>	(432,272)	464,168	612,896	1,077,064
87-383	4,874,104	147,356	-	-	-	147,356	-	(165,670)	-	(248,009)	(413,679)	177,894	(162,098)	15,796
87-701	5,802,635	175,427	-	-	22,227	197,654	-	(197,230)	-	-	(197,230)	211,783	14,527	226,310
87-738	20,737,605	626,946	-	-	-	626,946	-	(704,866)	-	(1,734,766)	(2,439,632)	756,875	(1,133,834)	(376,959)
88-012	2,284,162	69,056	-	-	-	69,056	-	(77,638)	-	(48,216)	(125,854)	83,367	(31,514)	51,853
88-314	2,149,281	64,978	-	-	90,423	155,401	-	(73,054)	-	-	(73,054)	78,444	59,100	137,544
88-371	3,605,389	108,999	-	-	· -	108,999	-	(122,546)	-	(51,856)	(174,402)	131,588	(33,892)	97,696
		-												
TOTAL	\$ 5,727,185,218	\$ 173,146,177	\$ -	\$ -	\$ 110,711,606	\$ 283,857,783	\$ -	\$ (194,665,562) \$	-	\$ (110,711,606) \$	(305,377,168)	\$ 209,029,126	\$ -	\$ 209,029,126

Notes to Schedule of Employer Allocations and Schedule of Pension Amounts by Employer

Note 1. Nature of Entity

School Employees Retirement System of Ohio (SERS) is a statewide, cost-sharing, multiple-employer, defined benefit public employee retirement system. Established by state law in 1937, SERS provides retirement, disability, and survivor benefits to non-teaching employees of Ohio's public K-12 school districts, vocational, technical, and community schools, community colleges, and the University of Akron.

SERS is governed by Chapter 3309 of the Ohio Revised Code. These statutes assign the authority to establish and amend the benefit provisions of the plan to the State Legislature. The operation of SERS and the direction of its policies are the responsibility of the Retirement Board of SERS. The Retirement Board has fiduciary responsibility for the oversight of the general administration and management of SERS. The Board is composed of nine members: four elected employee members; two elected retiree members; and three appointed investment expert members. One investment expert is appointed by the Governor, a second one by the State Treasurer, and the third one jointly by the Speaker of the House and President of the Senate.

Defined benefit plan: A traditional defined benefit plan was established in 1937 (the Plan). A summary of the benefit provisions can be found in SERS' Comprehensive Annual Financial Report (CAFR). SERS' CAFR can be accessed on its website at www.ohsers.org.

Note 2. Summary of Significant Accounting Policies

Nature of schedules: Employers participating in a cost-sharing pension plan, and any non-employer contributing entities that meet the definition of a special funding situation, are required to recognize their proportionate share of the collective pension amounts for pension benefits provided to members through the SERS plan. State retirement law requires contributions by covered employees and their employers, and limits the maximum rate of contributions. The Retirement Board sets contribution rates within the allowable limits. The adequacy of employer contribution rates is determined annually by actuarial valuation using the entry age normal cost method. During fiscal year 2018, employees and their employers were required to contribute 10% and 14%, respectively, of active member payroll. SERS does not have a special funding situation and accordingly has no non-employer contributing entities.

The Schedule of Employer Allocations presents the contributions for each employer for the year ended June 30, 2018 and the respective allocation percentage. The Schedule of Pension Amounts by Employer presents the proportionate share of total net pension liability as of June 30, 2018 and total deferred outflows of resources, total deferred inflows of resources, and total pension expense for the year ended June 30, 2018 for all SERS employers. The pension expense includes the amortization of the current year differences between expected and actual economic and demographic experience, differences between projected and actual investment earnings (net) on Plan investments, and the impact of changes of assumptions about future economic or demographic factors or other inputs. The pension expense does not include amortization of deferred inflows and deferred outflows recognized during previous periods.

Measurement focus and basis of accounting: The financial transactions are recorded using the economic resources measurement focus and the accrual basis of accounting. Employer contributions are recognized as revenue when due pursuant to statutory or contractual requirements.

Use of estimates: The preparation of the Schedule of Employer Allocations and Schedule of Pension Amounts by Employer (Schedules) in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts, and changes therein, and disclosures. Actual results could differ from those estimates and differences could be material.

Notes to Schedule of Employer Allocations and Schedule of Pension Amounts by Employer

Note 2. Summary of Significant Accounting Policies

Basis of allocation: In determining the proportionate share of the net pension liability and corresponding employer pension amounts for a cost-sharing plan, the basis should be consistent with the manner in which contributions are made to the Plan, excluding those contributions to separately finance specific liabilities of an individual employer. SERS has determined that the actual contributions made to the Plan during fiscal year 2018 are appropriate as the allocation basis because they are representative of future contributions.

Note 3. Contributions

The fiscal year 2018 actual employer contribution total used as the denominator for the allocation calculation in the Schedule of Employer Allocations can be reconciled to SERS' fiscal year 2018 CAFR as follows:

Defined Benefit Plan Employer Contributions - CAFR Total	\$ 435,103,620
Service credits and ARP payments paid by employees	(612,690)
Employer penalties	482
Other employer payments and miscellaneous revenue	142,544
Employer payments allocated to Health Care Fund	 15,921,608
Total Contributions - Schedule of Employer Allocations	\$ 450,555,564

Note 4. Deferred Outflows and Deferred Inflows

Deferred outflows of resources are the consumption of net position by SERS that is applicable to future reporting periods. Deferred inflows are the acquisition of net position by the SERS that is applicable to a future reporting period. Other than differences between projected and actual investment earnings, deferred inflows and outflows of resources are recognized in pension expense beginning in the current period, using a straight line method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with pensions through SERS (active and inactive), determined as of the beginning of the measurement period. Net deferred inflows (or outflows) of resources pertaining to differences between projected and actual investment earnings are similarly recognized over a closed five year period.

The future amortization of the deferred outflows and inflows for the year ended June 30, 2018 is as follows:

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^{**} The tables above do not include deferred outflows/inflows from previous years. Refer to previous year reports to calculate the cumulative deferred outflows/inflows for financial reporting purposes. The change in proportionate share of contributions as reflected on the Schedule of Pension Amounts by Employer results in deferred outflows and inflows, which have been excluded from this table. These amounts will amortized at the employer level over the average expected remaining service life of all members.

Notes to Schedule of Employer Allocations and Schedule of Pension Amounts by Employer

Note 5. Pension Expense

The components of pension expense for the year ended June 30, 2018:

Interest on the Total Pension Liability Period benefit changes Employee contributions (324,842,074) Projected earnings on plan investments (998,689,129) Pension plan administrative expenses Adjustment from adoption of GASB 75 Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual economic experience Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual investment earnings Total Pension Expense - Schedule of Pension Amounts by Employer Recognition of beginning deferred outflows of resources as pension expense 576,100,193	Service Cost	\$ 368,167,321
Employee contributions Projected earnings on plan investments Pension plan administrative expenses Adjustment from adoption of GASB 75 Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual economic experience Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual investment earnings (48,666,390) Total Pension Expense - Schedule of Pension Amounts by Employer Recognition of beginning deferred outflows of resources as pension expense 576,100,193	Interest on the Total Pension Liability	1,420,093,605
Projected earnings on plan investments Pension plan administrative expenses Adjustment from adoption of GASB 75 Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual economic experience Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual investment earnings (48,666,390) Total Pension Expense - Schedule of Pension Amounts by Employer 209,029,126 Recognition of beginning deferred outflows of resources as pension expense 576,100,193	Period benefit changes	(357,618,668)
Pension plan administrative expenses Adjustment from adoption of GASB 75 Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual economic experience Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual investment earnings (48,666,390) Total Pension Expense - Schedule of Pension Amounts by Employer Recognition of beginning deferred outflows of resources as pension expense 576,100,193	Employee contributions	(324,842,074)
Adjustment from adoption of GASB 75 Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual economic experience Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual investment earnings (48,666,390) Total Pension Expense - Schedule of Pension Amounts by Employer Recognition of beginning deferred outflows of resources as pension expense 576,100,193	Projected earnings on plan investments	(998,689,129)
Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual economic experience Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual investment earnings (48,666,390) Total Pension Expense - Schedule of Pension Amounts by Employer 209,029,126 Recognition of beginning deferred outflows of resources as pension expense 576,100,193	Pension plan administrative expenses	26,993,893
differences between expected and actual economic experience Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual investment earnings (48,666,390) Total Pension Expense - Schedule of Pension Amounts by Employer 209,029,126 Recognition of beginning deferred outflows of resources as pension expense 576,100,193	Adjustment from adoption of GASB 75	10,423,132
Recognition of current period deferred outflow (inflow) resulting from differences between expected and actual investment earnings (48,666,390) Total Pension Expense - Schedule of Pension Amounts by Employer 209,029,126 Recognition of beginning deferred outflows of resources as pension expense 576,100,193	Recognition of current period deferred outflow (inflow) resulting from	
differences between expected and actual investment earnings (48,666,390) Total Pension Expense - Schedule of Pension Amounts by Employer 209,029,126 Recognition of beginning deferred outflows of resources as pension expense 576,100,193	differences between expected and actual economic experience	113,167,436
Total Pension Expense - Schedule of Pension Amounts by Employer 209,029,126 Recognition of beginning deferred outflows of resources as pension expense 576,100,193	Recognition of current period deferred outflow (inflow) resulting from	
Recognition of beginning deferred outflows of resources as pension expense 576,100,193	differences between expected and actual investment earnings	(48,666,390)
Recognition of beginning deferred outflows of resources as pension expense 576,100,193		
• • • • • • • • • • • • • • • • • • • •	Total Pension Expense - Schedule of Pension Amounts by Employer	209,029,126
	Recognition of beginning deferred outflows of resources as pension expense	576,100,193
Recognition of beginning deferred inflows of resources as pension expense (344,635,781)	Recognition of beginning deferred inflows of resources as pension expense	 (344,635,781)
Total Pension Expense \$ 440,493,538	Total Pension Expense	\$ 440,493,538

The average of the expected remaining service lives of all members for fiscal year 2018 is 2.53 years.

Note 6. Net Pension Liability and Actuarial Information – Defined Benefit Plans

The net pension liability (NPL) is the portion of the actuarial present value of projected benefit payments related to past periods. The NPL for the employers is based on the allocation percentages from the Schedule of Employer Allocations.

The components of the net pension liability as of June 30, 2018 are as follows:

				Fiduciary Net
			Net Pension	Position as a
			Liability	Percent of Total
	Total Pension	Fiduciary Net	(Surplus)	Pension Liability
	Liability (a)	Position (b)	(a) - (b)	(b) / (a)
				_
Pension funds	\$ 19,997,700,966	\$ 14,270,515,748	\$ 5,727,185,218	71.36%

The activity related to the net pension liability for fiscal year 2018 is set forth in the following table:

Net pension liability, July 1, 2017	\$ 5,974,779,097
Total pension expense	440,493,538
Change in deferred outflows of resources	(402,954,016)
Change in deferred inflows of resources	149,970,219
Employer contributions	 (435,103,620)
Net pension liability, June 30, 2018	\$ 5,727,185,218

Notes to Schedule of Employer Allocations and Schedule of Pension Amounts by Employer

Note 6. Net Pension Liability and Actuarial Information – Defined Benefit Plans (Continued)

The total pension liability is determined by SERS' actuaries in accordance with GASB Statement No. 67, as part of their annual actuarial valuation for each defined benefit retirement plan. Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts (e.g., salaries, credited service) and assumptions about the probability of occurrence of events far into the future (e.g., mortality, disabilities, retirements, employment terminations). Actuarially determined amounts are subject to continual review and potential modifications, as actual results are compared with past expectations and new estimates are made about the future.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employers and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing benefit costs between the employers and plan members to that point. The projection of benefits for financial reporting purposes does not explicitly incorporate the potential effects of legal or contractual funding limitations.

Actuarial calculations reflect a long-term perspective. For a newly hired employee, actuarial calculations will take into account the employee's entire career with the employer and also take into consideration the benefits, if any, paid to the employee after termination of employment until the death of the employee and any applicable contingent annuitant. In many cases, actuarial calculations reflect several decades of service with the employer and the payment of benefits after termination.

Key methods and assumptions used in calculating the total pension liability in the latest actuarial valuation are presented below:

Valuation Date June 30, 2018

Actuarial Cost Method Entry Age Normal (Level Percent of Payroll)

Actuarial Assumptions

Experience Study Date 5 year period ended June 30, 2015

Investment Rate of Return 7.50% net of investment expense, including inflation

Cost of Living Increases (COLA)

or "Ad Hoc" COLA 2.50%

Future Salary Increases

including Inflation 3.50% - 18.20%

Inflation 3.00%

Mortality Assumptions Mortality rates were based on the RP-2014 Blue Collar Mortality

Table with fully generational projection and a five year age set-back for both males and females. Mortality among service retired members, and beneficiaries were based upon the RP-2014 Blue Collar Mortality Table with fully generational projection with Scale BB, 120% of male rates, and 110% of female rates. Mortality among disable members were based upon the RP-2000 Disabled Mortality Table, 90% for male rates and 100% for female rates, set back five

years is used for the period after disability retirement.

Notes to Schedule of Employer Allocations and Schedule of Pension Amounts by Employer

Note 6. Net Pension Liability and Actuarial Information – Defined Benefit Plans (Continued)

The long-term return expectation for the Pension Plan Investments has been determined by using a building-block approach and assumes a time horizon, as defined in the *Statement of Investment Policy*. A forecasted rate of inflation serves as the baseline for the return expectation. Various real return premiums over the baseline inflation rate have been established for each asset class. The long-term expected nominal rate of return has been determined by calculating an arithmetic weighted average of the expected real return premiums for each asset class, adding the projected inflation rate, and adding the expected return from rebalancing uncorrelated asset classes.

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return	
Cash	1.00%	0.50%	
US Stocks	22.50%	4.75%	
Non-US Stocks	22.50%	7.00%	
Fixed Income	19.00%	1.50%	
Private Equity	10.00%	8.00%	
Real Assets	15.00%	5.00%	
Multi-Asset Strategy	10.00%	3.00%	

Total pension liability was calculated using the discount rate of 7.50%. The projection of cash flows used to determine the discount rate assumed the contributions from employers and from the members would be computed based on contribution requirements as stipulated by state statute. Projected inflows from investment earnings were calculated using the long-term assumed investment rate of return (7.50%). Based on those assumptions, the plan's fiduciary net position was projected to be available to make all 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 benefits to determine the total pension liability.

Net pension liability is sensitive to changes in the discount rate, and to illustrate the potential impact the following table presents the net pension liability calculated using the discount rate of 7.50%, as well as what each plan's net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.50%), or one percentage point higher (8.50%) than the current rate.

	1%	Current	1%
(\$ in thousands)	Decrease	Discount	Increase
Rate	6.50%	7.50%	8.50%
System's net pension liability	\$ 8,067,172,229	\$ 5,727,185,218	\$ 3,765,262,702

Notes to Schedule of Employer Allocations and Schedule of Pension Amounts by Employer

Note 7. Short-Term Solvency Test

SERS' financing objective is to pay for pension benefits through contributions that remain approximately level from year to year as a percent of member payroll.

If the contributions are level in concept and soundly executed, SERS will pay all promised benefits when due, which is the ultimate test of financial soundness. Testing for level contribution rates is the long-term test.

A short-term solvency test is one means of checking a system's progress under its funding program. In a short-term solvency test, the present assets (cash and investments) are compared with:

- 1. Active member contributions on deposit.
- 2. The liabilities for future benefits to present retired lives.
- 3. The liabilities for service already rendered by active members.

Under the level percent of payroll financing, liabilities for active member contributions on deposit and the liabilities for future benefits to present retirees and beneficiaries will be fully covered by present assets except in rare circumstances. In addition, liabilities for active member benefits earned or to be earned in the future will be partially covered by the remainder of present assets. Generally, if SERS has been using level cost financing, the funded portion of active member benefits will increase over time.

Solvency Test (\$ in millions)

		Aggrega	ate A	ccrued Liabi	ilities	For						
						(3)						
				(2)	Act	ive Members			Portion of	Accrued Li	abilities	
Valuation		(1)		Retired	((Employer	Α	Actuarial	Covered b	by Reported Asset		
as of	Activ	e Member	Me	mbers and		Financed		Value			,	
June 30,	Cor	ntributions	Be	eneficiaries		Portion)	О	of Assets	(1)	(2)	(3)	
						,			, ,	, í	, ,	
Pension												
2018	\$	2,733	\$	12,427	\$	4,399	\$	13,824	100%	89%	0%	
2017		3,010		11,690		4,449		13,537	100%	90%	0%	
2016		2,914		11,689		4,728		13,015	100%	86%	0%	
2015		2,979		11,046		4,062		12,446	100%	86%	0%	
2014		2,892		10,437		4,128		11,882	100%	86%	0%	
2013		2,860		9,796		4,196		10,988	100%	83%	0%	
2012		2,826		9,190		4,322		10,266	100%	81%	0%	
2011		2,749		8,525		4,636		10,378	100%	90%	0%	
2010		2,569		7,850		4,404		10,766	100%	100%	8%	
2009		2,470		7,496		4,224		9,704	100%	97%	0%	



SCHOOL EMPLOYEES RETIREMENT SYSTEM OF OHIO-GASB 68

FRANKLIN COUNTY

CLERK'S CERTIFICATION

This is a true and correct copy of the report which is required to be filed in the Office of the Auditor of State pursuant to Section 117.26, Revised Code, and which is filed in Columbus, Ohio.

CLERK OF THE BUREAU

Susan Babbitt

CERTIFIED MAY 9, 2019