

Teachers' Retirement System of Louisiana
Schedule of Collective Employer Pension Amounts ¹
For the Year Ended June 30, 2019

	Net Pension Liability	Deferred Inflows	Deferred Outflows	Pension Expense
Beginning balance	(9,828,019,936)	(1,617,819,778)	1,292,149,642	
Total pension liability factors ⁽¹⁾:				
Service cost	(439,691,899)			439,691,899
Interest	(2,310,654,625)			2,310,654,625
Changes in benefit terms	-			-
Differences between expected and actual experience with regard to economic or demographic assumptions	132,534,910	(132,534,910)	-	
Amortization of current year ⁽²⁾		26,506,982	-	(26,506,982)
Amortization of prior years ⁽²⁾		119,634,377	-	(119,634,377)
Changes in assumptions about future economic or demographic factors or other inputs	(298,384,629)	-	298,384,629	
Current year amortization ⁽²⁾		-	(59,676,926)	59,676,926
Amortization of prior years ⁽²⁾		-	(164,627,268)	164,627,268
Benefit payments	2,163,684,514			
Refunds and Transfers of Member Contributions	50,301,709			
Net change	(702,210,020)	13,606,449	74,080,435	2,828,509,359
Plan fiduciary net position ⁽¹⁾:				
Contributions - employer	1,217,167,321			
Contributions - nonemployer contributing entities	40,850,075			
Contributions - employee	341,398,896			(341,398,896)
Expected earnings on pension plan investments	1,585,964,984			(1,585,964,984)
Diff b/w proj and actual earnings on pension plan inv	(377,015,438)	-	377,015,438	
Amortization of current year ⁽²⁾		-	(75,403,088)	75,403,088
Amortization of prior years ⁽²⁾		387,412,007	(422,948,596)	35,536,589
Benefit payments	(2,163,684,514)			
Administrative expenses	(14,421,446)			14,421,446
Refunds and Transfers of Member Contributions	(50,301,709)			
Adjusting entry	352			(352)
Other	25,621,539			(25,621,539)
Net change	605,580,060	387,412,007	(121,336,246)	(1,827,624,648)
Ending Balance	<u>(9,924,649,896)</u>	<u>(1,216,801,322)</u>	<u>1,244,893,831</u>	<u>1,000,884,711</u>

(1) The amounts disclosed under the "Net Pension Liability" column will be used by the plan in compiling the note disclosure required by GASB 67 paragraph 31(a) and the RSI required in GASB 67, paragraph 32(a). All columns will be used by the employer in determining the amounts to be recognized in the financial statements and disclosed in the notes. See GASB 68, paragraphs 33 and 71.

(2) All amortization periods are equal to the average of the expected remaining service lives of all employees that are provided with pensions through the pension plan (active and inactive employees) determined as of the beginning of the measurement period, except the amortization of the difference between projected and actual investment returns which are to be amortized over a closed 5-year period. See GASB 68, paragraphs 33, 53-57, and 71.

**Teachers' Retirement System of Louisiana
Average Remaining Service Life Calculation
For the Year Ended June 30, 2019**

The amortization periods of the fiscal year differences/changes listed below are equal to the average of the expected remaining service lives of all employees that are provided with pensions through the pension plan (active and inactive employees) determined as of the beginning of the measurement period.

- (1) Differences between expected and actual experience with regard to economic of demographic assumptions
- (2) Changes in assumptions about future economic or demographic factors or other inputs
- (3) Change in employers' proportion of beginning net pension liability
- (4) Difference between employer contributions and proportionate share of employer contributions

The amortization of the difference between projected and actual investment returns are to be amortized over a closed 5-year period, in accordance to TRSL's asset valuation method.

The calculation of the average remaining service life (amortization period) for differences/changes (1) through (4) above is presented below:

Average remaining service life:

	# Years	# Members
Active	9.72	83,786
Active After DROP	3.29	2,212
DROP	0	2,462
Term Vested	0	7,574
Term Non-vested	0	23,510
Retired	0	79,647
Average	4.13	199,191
Rounded Up	5.0	

Exhibit 2

Schedule of Employer Pension Amounts
For the plan year ended June 30, 2019

This schedule contains employer-specific information required for financial statement presentation, note disclosures, and RSI.

Employers will add value from employer sheet for chg in prop and diff b/c cont and prop share of cont.

Amounts below represent the employer's proportionate share of the COLLECTIVE deferred inflows/outflows. Employers will add their respective deferred inflows/outflows for changes in proportion and differences between actual employer contributions and proportionate share of contributions (determined from Employer Calculations and Amortization of Employer Specific Calc spreadsheet.

TRSL Data file #	ISIB Employer #	OSRAP Employer #	TRSL Employer #	Employer Name	Category	Subcategory	(1) 6/30/2018 Annualized Payroll	(2) Future Contribution Effort (Annualized Payroll) x FYE 2019 Rate	(3) (1) Average FYE 2019 Rate	Proportion of Net Pension Liability	Current Year's Proportionate Share	Prior Year Proportionate Share	Change in Proportion from Prior Year	Proportion of Collective Pension Expense	Experience GL	Assump Chg	Inv GL	Experience GL	Assump Chg	Inv GL	Deferral Period 1	Deferral Period 2	Deferral Period 3	Deferral Period 4	Deferral Period 5	Thereafter	Net Pension Liability Assuming -1% Change in Discount Rate	Net Pension Liability Assuming +1% Change in Discount Rate	Chg in NPL due to Chg in proportion	Proportionate Share of Employer Contributions	Proportionate Share of Nonemployer Contributions	
																																A
198	9320	320	09-320	205	LDH - OFFICE OF AGING AND ADULT SERVICES	State Agency	55,337	14,388	26.0%	(119,493)	0.00120%	0.00000%	0.00120%	12,051	-	8,495	6,494	(3,734)	-	(10,916)	197	(2,228)	1,062	1,307	-	-	159,062	86,142	-	(118,329)	14,655	4,909
199	9326	326	09-326	205	OFFICE OF PUBLIC HEALTH	Governmental Activities	1,130,188	286,877	25.4%	(2,263,008)	0.02401%	0.01999%	0.00432%	240,322	-	189,413	129,499	(74,470)	-	(2,17,696)	3,931	(44,426)	21,171	26,069	-	-	3,172,124	1,717,903	(1,935,530)	(424,276)	292,254	9,869
200	9330	330	09-330	205	OFFICE OF BEHAVIORAL HEALTH	Governmental Activities	1,044,815	268,043	25.7%	(2,226,496)	0.02243%	0.01813%	0.00431%	224,538	-	158,295	120,993	(69,579)	-	(203,398)	3,673	(41,506)	19,781	24,357	-	-	2,983,785	1,605,074	(1,781,525)	(423,293)	273,059	9,164
201	9340	340	09-340	305	DEPT OF HEALTH & HOSPITALS/SICDD OFFICES	Governmental Activities	425,017	110,504	26.0%	(917,931)	0.00925%	0.01077%	-0.00152%	82,572	-	65,258	49,883	(28,686)	-	(83,856)	1,514	(17,113)	8,155	10,042	-	-	1,221,697	661,734	(1,058,085)	149,091	112,576	3,778
202	9360	360	10-360	138	DEPARTMENT OF CHILDREN & FAMILY SERVICES	Governmental Activities	294,790	72,845	24.7%	(605,106)	0.00610%	0.00672%	-0.00062%	61,624	-	43,018	32,883	(18,910)	-	(52,279)	998	(11,281)	5,376	6,620	-	-	805,483	436,219	(659,952)	60,737	74,211	2,491
203	9376	376	2001C	352	CENTRAL LOUISIANA HUMAN SERVICE DISTRICT	Discrete Component Units	78,946	20,526	26.0%	(170,505)	0.00172%	0.00165%	0.00007%	17,195	-	12,122	9,266	(5,328)	-	(15,578)	281	(3,179)	1,515	1,865	-	-	226,967	122,917	(162,359)	(6,486)	20,911	702
204	9400	400	08A-400	140	DEPT. OF PUBLIC SAFETY & CORRECTIONS - ADM	Governmental Activities	575,255	138,453	24.1%	(1,150,068)	0.01159%	0.00644%	0.00015%	115,983	-	81,761	62,498	(35,940)	-	(105,063)	1,897	(21,441)	10,218	12,591	-	-	1,530,906	829,081	(632,630)	(506,241)	141,045	4,734
205	9402	402	08A-402	140	LA STATE PENITENTIARY	Governmental Activities	573,158	149,021	26.0%	(1,237,902)	0.01247%	0.01349%	-0.00099%	124,940	-	88,005	67,271	(38,685)	-	(113,087)	2,042	(23,078)	10,998	15,542	-	-	1,647,624	892,399	(1,322,960)	97,101	151,917	5,095
206	9403	403	08C-403	298	OFFICE OF JUVENILE JUSTICE	Governmental Activities	3,859,290	994,775	25.8%	(8,263,264)	0.08326%	0.07027%	0.01299%	833,337	-	587,452	449,407	(258,230)	-	(754,979)	13,630	(154,051)	73,413	90,398	-	-	10,996,586	5,956,961	(6,905,953)	(1,276,856)	1,013,414	34,012
207	9405	405	08A-405	140	AVOYELLES CORRECTIONAL CENTER	Governmental Activities	298,591	70,094	26.0%	(582,279)	0.00587%	0.00597%	-0.00010%	58,722	-	41,395	31,843	(18,196)	-	(53,193)	960	(10,855)	5,173	6,370	-	-	775,097	419,763	(586,635)	10,025	71,411	2,917
208	9406	406	08A-406	140	LA CORRECTIONAL INST WOMEN	Governmental Activities	318,264	82,749	26.0%	(667,381)	0.00693%	0.00683%	0.00010%	69,321	-	48,867	37,354	(21,481)	-	(62,795)	1,134	(12,815)	6,107	7,520	-	-	915,003	495,531	(670,861)	(8,828)	84,301	2,829
209	9408	408	08-408	140	DFS-ALLEN CORRECTIONAL CENTER	State Agency	0	-	0.0%	-	-	-	-0.00087%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	9409	409	08A-409	140	DIXON CORRECTIONAL INSTITUTE	Governmental Activities	398,373	103,577	26.0%	(860,368)	0.00687%	0.00920%	-0.00033%	87,668	-	61,165	46,755	(26,887)	-	(78,598)	1,419	(16,840)	7,644	9,412	-	-	1,145,273	620,237	(904,473)	62,462	105,516	3,541
211	9413	413	08A-413	140	ELAYN HUNT CORRECTIONAL CENTER	Governmental Activities	279,723	72,728	26.0%	(604,113)	0.00609%	0.00783%	-0.00174%	60,924	-	42,948	32,829	(18,879)	-	(55,188)	996	(11,262)	5,367	6,609	-	-	804,161	435,504	(769,239)	171,008	74,089	2,487
212	9414	414	08A-414	140	DAVID WADE CORRECTIONAL CENTER	Governmental Activities	262,576	68,270	26.0%	(587,094)	0.00571%	0.00698%	-0.00127%	57,191	-	40,316	30,817	(17,722)	-	(61,806)	935	(10,572)	5,038	6,204	-	-	754,884	408,817	(685,996)	124,423	69,549	2,334
213	9415	415	08-415	140	DOC-ADULT PROBATION & PAROLE	State Agency	0	-	0.0%	(91,505)	0.00092%	0.00077%	0.00019%	9,228	-	6,505	4,973	(2,860)	-	(8,359)	151	(1,706)	813	1,001	-	-	121,807	65,966	(75,774)	(14,840)	11,222	377
214	9416	416	08A-416	140	RAYBURN CORRECTIONAL CENTER	Governmental Activities	304,004	79,041	26.0%	(656,516)	0.00626%	0.00699%	-0.00073%	66,209	-	46,673	35,677	(20,516)	-	(59,976)	1,083	(12,239)	5,833	7,182	-	-	873,916	473,280	(686,094)	35,971	80,516	2,702
215	9418	418	08B-418	194	PUB SAFETY OFF OF MGT & FIN	Governmental Activities	61,368	15,956	26.0%	(132,544)	0.00134%	0.00132%	0.00001%	13,362	-	9,419	7,200	(4,140)	-	(12,194)	219	(2,470)	1,177	1,449	-	-	176,369	95,515	(130,025)	(1,179)	16,349	545
216	9419	419	08B-419	194	OFFICE OF STATE POLICE	Governmental Activities	263,762	58,555	22.2%	(486,407)	0.00400%	0.00400%	0.00000%	49,053	-	34,580	26,433	(15,200)	-	(44,435)	802	(9,068)	4,321	5,321	-	-	647,477	350,649	(481,671)	-	59,653	2,002
217	9420	420	8B-420	194	PUBLIC SAFETY OFFICE OF MOTOR VEHICLES	State Agency	134,240	34,902	26.0%	(289,899)	0.00292%	0.00000%	0.00029%	29,236	-	20,609	15,754	(9,059)	-	(22,131)	478	(5,405)	2,576	3,171	-	-	385,897	208,967	-	(287,076)	35,553	1,193
218	9432	432	11-432	236	OFFICE OF CONSERVATION	Governmental Activities	112,432	29,162	26.0%	(242,261)	0.00244%	0.00232%	0.00012%	24,432	-	17,223	13,165	(7,571)	-	(22,131)	400	(4,516)	2,152	2,650	-	-	322,484	174,845	(228,010)	(11,892)	29,711	997
219	9435	435	11-435	236	OFFICE OF COASTAL MANAGEMENT	Governmental Activities	75,148	19,538	26.0%	(162,268)	0.00164%	0.00158%	0.00006%	16,364	-	11,536	8,818	(5,071)	-	(14,624)	268	(3,025)	1,442	1,775	-	-	216,002	116,979	(155,086)	(6,602)	19,901	668
220	9440	0	12-440	236	LOUISIANA DEPARTMENT OF REVENUE	Governmental Activities	42,127	10,953	26.0%	(91,009)	0.00092%	0.00146%	-	9,178	-	6,470	4,946	(2,844)	-	(8,314)	150	(1,897)	809	996	-	-	121,146	65,609	(150,430)	45,307	11,161	375
221	9474	474	14-474	240	LOUISIANA WORKFORCE COMMISSION	Governmental Activities	301,622	78,422	26.0%	(651,454)	0.00565%	0.00285%	0.00037%	65,698	-	46,313	35,402	(20,358)	-	(59,513)	1,075	(12,145)	5,788	7,127	-	-	867,179	469,631	(280,197)	(364,914)	79,895	2,681
222	9512	512	16-512	202	WILDLIFE & FISHERIES OFF OF SEC	Governmental Activities	109,056	28,355	26.0%	(235,512)	0.00237%	0.00027%	0.00000%	23,751	-	16,743	12,798	(7,360)	-	(19,513)	388	(4,391)	2,092	2,576	-	-	313,500	169,780	(233,317)	98	28,883	969
223	9513	513	16-513	203	OFFICE OF WILDLIFE	Governmental Activities	122,713	31,905	26.0%	(264,988)	0.00257%	0.00027%	0.00010%	26,724	-	18,839	14,400	(8,281)	-	(24,208)	437	(4,840)	2,354	2,899	-	-	352,737	191,029	(252,285)	(10,123)	32,498	1,091
224	9660	560	17-660	244	DEPARTMENT OF STATE CIVIL SERVICE	Governmental Activities	132,867	34,545	26.0%	(286,922)	0.00289%	0.00276%	0.00013%	28,938	-	20,398	15,992	(8,966)	-	(26,211)	473	(5,349)	2,549	3,139	-	-	381,934	206,841	(271,253)	(3,071,060)	490,202	1,181
225	9620	620	20C02	0156	BOARD OF SUPERVISORS/UNIV. OF LA SYSTEM	Discrete Component Units	1,451,331	383,414	24.4%	(2,935,711)	0.02961%	0.02566%	0.00392%	296,962	-	208,706	159,534	(91,742)	-	(286,188)	4,842	(54,730)	28,062	32,116	-	-	3,907,652	2,116,345	(2,521,772)	(385,357)	360,038	12,993
226	9653	653	19-653	0084	LA SCH FOR THE DEAF & VISUALLY IMPAIRED	Governmental Activities	6,253,622	1,625,119	26.0%	(13,499,211)	0.13602%	0.15028%	-0.01427%	1,361,373	-	959,696	733,582	(421,855)	-	(1,233,202)	22,296	(251,664)	119,931	147,678	-	-	17,969,382	9,731,540	(14,769,745)	1,401,967	1,655,554	55,563
227	9655	655	19-655	0106	LA SPECIAL EDUCATION CENTER	Governmental Activities	2,308,536	600,219	26.0%	(4,985,747)	0.05024%	0.05133%	-0.00109%	502,804	-	354,447	270,938	(155,466)	-	(455,466)	8,224	(92,849)	44,295	54,543	-	-	6,636,743	3,594,210	(5,044,624)	107,440	161,456	20,521
228	9657	657	19-657	0107	LA SCHOOL FOR MATH, SCIENCE AND THE ARTS	Governmental Activities	4,400,189	1,126,065	25.6%	(9,353,784)	0.09425%	0.08323%	0.01102%	943,314	-	664,979	508,309	(282,309)	-	(854,502)	15,429	(174,382)	83,102	102,328	-	-	12,451,225	6,743,114	(8,179,468)	(1,083,244		