STATE TEACHERS RETIREMENT SYSTEM

Amortization of Change in Proportionate Share of Net Pension Liability

As of and for the Year Ended June 30, 2023

	FY 2022 Allocation %	FY 2023 Allocation %	Difference in Allocation % FY 2022 to FY 2023	Difference in NPL($) FY 2021 to FY 2022	DefO23	DefI23	FY 23 R	FY 23 DO	FY 23 DI	FY 24 R	FY 24 DO	FY 24 DI	FY 25 R	FY 25 DO	FY 25 DI	FY 26 R	FY 26 DO	FY 26 DI	FY 27 R	FY 27 DO	FY 27 DI	FY 28 R
000100	0.026274%	0.024341%	-0.001933%	(43,233)	-	(43,233)	(8,578)	-	(34,655)	(8,578)	-	(26,077)	(8,578)	-	(17,499)	(8,578)	-	(8,921)	(8,578)	-	(343)	(343)
000200	0.272931%	0.359383%	0.086452%	1,933,582	1,933,582	-	383,647	1,549,935	-	383,647	1,166,288	-	383,647	782,641	-	383,647	398,994	-	383,647	15,347	-	15,347
000300	0.076989%	0.087384%	0.010395%	232,494	232,494	-	46,130	186,364	-	46,130	140,234	-	46,130	94,104	-	46,130	47,974	-	46,130	1,844	-	1,844
000400	0.034779%	0.036861%	0.002082%	46,566	46,566	-	9,239	37,327	-	9,239	28,088	-	9,239	18,849	-	9,239	9,610	-	9,239	371	-	371
000500	0.111942%	0.120942%	0.009000%	201,294	201,294	-	39,939	161,355	-	39,939	121,416	-	39,939	81,477	-	39,939	41,538	-	39,939	1,599	-	1,599
000600	0.354949%	0.414481%	0.059532%	1,331,490	1,331,490	-	264,185	1,067,305	-	264,185	803,120	-	264,185	538,935	-	264,185	274,750	-	264,185	10,565	-	10,565
000700	0.019159%	0.022809%	0.003650%	81,636	81,636	-	16,198	65,438	-	16,198	49,240	-	16,198	33,042	-	16,198	16,844	-	16,198	646	-	646
000800	0.039974%	0.040763%	0.000789%	17,647	17,647	-	3,501	14,146	-	3,501	10,645	-	3,501	7,144	-	3,501	3,643	-	3,501	142	-	142
000900	0.085231%	0.083617%	-0.001614%	(36,099)	-	(36,099)	(7,163)	-	(28,936)	(7,163)	-	(21,773)	(7,163)	-	(14,610)	(7,163)	-	(7,447)	(7,163)	-	(284)	(284)
001000	0.158631%	0.151975%	-0.006656%	(148,868)	-	(148,868)	(29,537)	-	(119,331)	(29,537)	-	(89,794)	(29,537)	-	(60,257)	(29,537)	-	(30,720)	(29,537)	-	(1,183)	(1,183)
001100	0.024396%	0.020489%	-0.003907%	(87,384)	-	(87,384)	(17,338)	-	(70,046)	(17,338)	-	(52,708)	(17,338)	-	(35,370)	(17,338)	-	(18,032)	(17,338)	-	(694)	(694)
001200	0.026774%	0.029763%	0.002989%	66,852	66,852	-	13,264	53,588	-	13,264	40,324	-	13,264	27,060	-	13,264	13,796	-	13,264	532	-	532
001300	0.115706%	0.143153%	0.027447%	613,879	613,879	-	121,801	492,078	-	121,801	370,277	-	121,801	248,476	-	121,801	126,675	-	121,801	4,874	-	4,874
001400	0.055556%	0.056872%	0.001316%	29,434	29,434	-	5,840	23,594	-	5,840	17,754	-	5,840	11,914	-	5,840	6,074	-	5,840	234	-	234
001500	0.104398%	0.118233%	0.013835%	309,433	309,433	-	61,395	248,038	-	61,395	186,643	-	61,395	125,248	-	61,395	63,853	-	61,395	2,458	-	2,458
001600	0.033433%	0.050824%	0.017391%	388,966	388,966	-	77,176	311,790	-	77,176	234,614	-	77,176	157,438	-	77,176	80,262	-	77,176	3,086	-	3,086
001700	0.265133%	0.304546%	0.039413%	881,510	881,510	-	174,903	706,607	-	174,903	531,704	-	174,903	356,801	-	174,903	181,898	-	174,903	6,995	-	6,995
001800	0.126325%	0.140018%	0.013693%	306,257	306,257	-	60,765	245,492	-	60,765	184,727	-	60,765	123,962	-	60,765	63,197	-	60,765	2,432	-	2,432
001900	0.180392%	0.211542%	0.031150%	696,700	696,700	-	138,234	558,466	-	138,234	420,232	-	138,234	281,998	-	138,234	143,764	-	138,234	5,530	-	5,530
002000	0.379918%	0.558219%	0.178301%	3,987,873	3,987,873	-	791,245	3,196,628	-	791,245	2,405,383	-	791,245	1,614,138	-	791,245	822,893	-	791,245	31,648	-	31,648
002100	0.049831%	0.039251%	-0.010580%	(236,632)	-	(236,632)	(46,951)	-	(189,681)	(46,951)	-	(142,730)	(46,951)	-	(95,779)	(46,951)	-	(48,828)	(46,951)	-	(1,877)	(1,877)
002200	0.066622%	0.051322%	-0.015300%	(342,199)	-	(342,199)	(67,897)	-	(274,302)	(67,897)	-	(206,405)	(67,897)	-	(138,508)	(67,897)	-	(70,611)	(67,897)	-	(2,714)	(2,714)
002300	0.119035%	0.087196%	-0.031839%	(712,110)	-	(712,110)	(141,292)	-	(570,818)	(141,292)	-	(429,526)	(141,292)	-	(288,234)	(141,292)	-	(146,942)	(141,292)	-	(5,650)	(5,650)
002400	0.181292%	0.212339%	0.031047%	694,396	694,396	-	137,777	556,619	-	137,777	418,842	-	137,777	281,065	-	137,777	143,288	-	137,777	5,511	-	5,511
002500	0.264574%	0.295354%	0.030780%	688,424	688,424	-	136,592	551,832	-	136,592	415,240	-	136,592	278,648	-	136,592	142,056	-	136,592	5,464	-	5,464
002600	0.095006%	0.098969%	0.003963%	88,636	88,636	-	17,587	71,049	-	17,587	53,462	-	17,587	35,875	-	17,587	18,288	-	17,587	701	-	701
002700	0.066727%	0.064987%	-0.001740%	(38,917)	-	(38,917)	(7,722)	-	(31,195)	(7,722)	-	(23,473)	(7,722)	-	(15,751)	(7,722)	-	(8,029)	(7,722)	-	(307)	(307)
002800	0.217465%	0.260374%	0.042909%	959,701	959,701	-	190,417	769,284	-	190,417	578,867	-	190,417	388,450	-	190,417	198,033	-	190,417	7,616	-	7,616
002900	0.103654%	0.120317%	0.016663%	372,684	372,684	-	73,945	298,739	-	73,945	224,794	-	73,945	150,849	-	73,945	76,904	-	73,945	2,959	-	2,959
003000	0.079167%	0.082485%	0.003318%	74,210	74,210	-	14,724	59,486	-	14,724	44,762	-	14,724	30,038	-	14,724	15,314	-	14,724	590	-	590
003100	0.385491%	0.440581%	0.055090%	1,232,141	1,232,141	-	244,472	987,669	-	244,472	743,197	-	244,472	498,725	-	244,472	254,253	-	244,472	9,781	-	9,781
003200	0.043470%	0.048579%	0.005109%	114,268	114,268	-	22,672	91,596	-	22,672	68,924	-	22,672	46,252	-	22,672	23,580	-	22,672	908	-	908
003300	0.039124%	0.025721%	-0.013403%	(299,771)	-	(299,771)	(59,478)	-	(240,293)	(59,478)	-	(180,815)	(59,478)	-	(121,337)	(59,478)	-	(61,859)	(59,478)	-	(2,381)	(2,381)
003400	0.060485%	0.075929%	0.015444%	345,420	345,420	-	68,536	276,884	-	68,536	208,348	-	68,536	139,812	-	68,536	71,276	-	68,536	2,740	-	2,740
003500	0.182588%	0.186551%	0.003963%	88,636	88,636	-	17,587	71,049	-	17,587	53,462	-	17,587	35,875	-	17,587	18,288	-	17,587	701	-	701
003600	0.000000%	0.006029%	0.006029%	134,844	134,844	-	26,755	108,089	-	26,755	81,334	-	26,755	54,579	-	26,755	27,824	-	26,755	1,069	-	1,069
003700	0.042973%	0.047305%	0.004332%	96,889	96,889	-	19,224	77,665	-	19,224	58,441	-	19,224	39,217	-	19,224	19,993	-	19,224	769	-	769
003800	0.002480%	0.013613%	0.011133%	249,000	249,000	-	49,405	199,595	-	49,405	150,190	-	49,405	100,785	-	49,405	51,380	-	49,405	1,975	-	1,975
003900	0.040807%	0.021904%	-0.018903%	(422,784)	-	(422,784)	(83,886)	-	(338,898)	(83,886)	-	(255,012)	(83,886)	-	(171,126)	(83,886)	-	(87,240)	(83,886)	-	(3,354)	(3,354)
004000	0.162723%	0.315977%	0.153254%	3,427,673	3,427,673	-	680,094	2,747,579	-	680,094	2,067,485	-	680,094	1,387,391	-	680,094	707,297	-	680,094	27,203	-	27,203
004100	0.237626%	0.237936%	0.000310%	6,933	6,933	-	1,376	5,557	-	1,376	4,181	-	1,376	2,805	-	1,376	1,429	-	1,376	53	-	53
004200	0.066954%	0.082748%	0.015794%	353,248	353,248	-	70,089	283,159	-	70,089	213,070	-	70,089	142,981	-	70,089	72,892	-	70,089	2,803	-	2,803
004300	0.032121%	0.033209%	0.001088%	24,334	24,334	-	4,828	19,506	-	4,828	14,678	-	4,828	9,850	-	4,828	5,022	-	4,828	194	-	194
004400	0.047667%	0.053155%	0.005488%	122,744	122,744	-	24,354	98,390	-	24,354	74,036	-	24,354	49,682	-	24,354	25,328	-	24,354	974	-	974
004500	0.029219%	0.026166%	-0.003053%	(68,283)	-	(68,283)	(13,548)	-	(54,735)	(13,548)	-	(41,187)	(13,548)	-	(27,639)	(13,548)	-	(14,091)	(13,548)	-	(543)	(543)
004600	0.047718%	0.063116%	0.015398%	344,391	344,391	-	68,332	276,059	-	68,332	207,727	-	68,332	139,395	-	68,332	71,063	-	68,332	2,731	-	2,731
004700	0.002571%	0.006448%	0.003877%	86,713	86,713	-	17,205	69,508	-	17,205	52,303	-	17,205	35,098	-	17,205	17,893	-	17,205	688	-	688
004800	0.055334%	0.073223%	0.017889%	400,105	400,105	-	79,386	320,719	-	79,386	241,333	-	79,386	161,947	-	79,386	82,561	-	79,386	3,175	-	3,175
004900	0.074684%	0.036562%	-0.038122%	(852,635)	-	(852,635)	(169,174)	-	(683,461)	(169,174)	-	(514,287)	(169,174)	-	(345,113)	(169,174)	-	(175,939)	(169,174)	-	(6,765)	(6,765)
005000	0.154477%	0.190903%	0.035426%	792,336	792,336	-	157,210	635,126	-	157,210	477,916	-	157,210	320,706	-	157,210	163,496	-	157,210	6,286	-	6,286
005100	0.013162%	0.012922%	-0.000240%	(5,368)	-	(5,368)	(1,065)	-	(4,303)	(1,065)	-	(3,238)	(1,065)	-	(2,173)	(1,065)	-	(1,108)	(1,065)	-	(43)	(43)
005200	0.162634%	0.175771%	0.013137%	293,822	293,822	-	58,298	235,524	-	58,298	177,226	-	58,298	118,928	-	58,298	60,630	-	58,298	2,332	-	2,332
005300	0.013593%	0.017427%	0.003834%	85,751	85,751	-	17,014	68,737	-	17,014	51,723	-	17,014	34,709	-	17,014	17,695	-	17,014	681	-	681
005400	0.252232%	0.345001%	0.092769%	2,074,868	2,074,868	-	411,680	1,663,188	-	411,680	1,251,508	-	411,680	839,828	-	411,680	428,148	-	411,680	16,468	-	16,468

STATE TEACHERS RETIREMENT SYSTEM

Amortization of Change in Proportionate Share of Net Pension Liability

As of and for the Year Ended June 30, 2023

	FY 2022 Allocation %	FY 2023 Allocation %	Difference in Allocation % FY 2022 to FY 2023	Difference in NPL($) FY 2021 to FY 2022	DefO23	DefI23	FY 23 R	FY 23 DO	FY 23 DI	FY 24 R	FY 24 DO	FY 24 DI	FY 25 R	FY 25 DO	FY 25 DI	FY 26 R	FY 26 DO	FY 26 DI	FY 27 R	FY 27 DO	FY 27 DI	FY 28 R
005500	0.091770%	0.096988%	0.005218%	116,706	116,706	-	23,156	93,550	-	23,156	70,394	-	23,156	47,238	-	23,156	24,082	-	23,156	926	-	926
005700	0.001833%	0.002053%	0.000220%	4,921	4,921	-	976	3,945	-	976	2,969	-	976	1,993	-	976	1,017	-	976	41	-	41
006100	0.007068%	0.008913%	0.001845%	41,265	41,265	-	8,188	33,077	-	8,188	24,889	-	8,188	16,701	-	8,188	8,513	-	8,188	325	-	325
006200	0.045350%	0.045542%	0.000192%	4,294	4,294	-	852	3,442	-	852	2,590	-	852	1,738	-	852	886	-	852	34	-	34
007500	0.083889%	0.068312%	-0.015577%	(348,395)	-	(348,395)	(69,126)	-	(279,269)	(69,126)	-	(210,143)	(69,126)	-	(141,017)	(69,126)	-	(71,891)	(69,126)	-	(2,765)	(2,765)
009600	0.002853%	0.002825%	-0.000028%	(626)	-	(626)	(124)	-	(502)	(124)	-	(378)	(124)	-	(254)	(124)	-	(130)	(124)	-	(6)	(6)
ESC002	0.118713%	0.121849%	0.003136%	70,140	70,140	-	13,917	56,223	-	13,917	42,306	-	13,917	28,389	-	13,917	14,472	-	13,917	555	-	555
ESC004	0.063874%	0.069699%	0.005825%	130,282	130,282	-	25,850	104,432	-	25,850	78,582	-	25,850	52,732	-	25,850	26,882	-	25,850	1,032	-	1,032
ESC006	0.152415%	0.174942%	0.022527%	503,838	503,838	-	99,968	403,870	-	99,968	303,902	-	99,968	203,934	-	99,968	103,966	-	99,968	3,998	-	3,998
0402	0.571107%	0.649902%	0.078795%	1,762,326	1,762,326	-	349,668	1,412,658	-	349,668	1,062,990	-	349,668	713,322	-	349,668	363,654	-	349,668	13,986	-	13,986
0403	0.095461%	0.107104%	0.011643%	260,407	260,407	-	51,668	208,739	-	51,668	157,071	-	51,668	105,403	-	51,668	53,735	-	51,668	2,067	-	2,067
0404	0.010666%	0.011942%	0.001276%	28,539	28,539	-	5,663	22,876	-	5,663	17,213	-	5,663	11,550	-	5,663	5,887	-	5,663	224	-	224
0420	0.000000%	0.000000%	0.000000%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0441	0.010103%	0.011102%	0.000999%	22,344	22,344	-	4,433	17,911	-	4,433	13,478	-	4,433	9,045	-	4,433	4,612	-	4,433	179	-	179
0444	0.000000%	0.000000%	0.000000%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0445	0.000330%	0.000000%	-0.000330%	(7,381)	-	(7,381)	(1,464)	-	(5,917)	(1,464)	-	(4,453)	(1,464)	-	(2,989)	(1,464)	-	(1,525)	(1,464)	-	(61)	(61)
0446	0.006254%	0.002055%	-0.004199%	(93,915)	-	(93,915)	(18,634)	-	(75,281)	(18,634)	-	(56,647)	(18,634)	-	(38,013)	(18,634)	-	(19,379)	(18,634)	-	(745)	(745)
0447	0.000982%	0.000000%	-0.000982%	(21,963)	-	(21,963)	(4,358)	-	(17,605)	(4,358)	-	(13,247)	(4,358)	-	(8,889)	(4,358)	-	(4,531)	(4,358)	-	(173)	(173)
0482	0.007692%	0.008178%	0.000486%	10,870	10,870	-	2,157	8,713	-	2,157	6,556	-	2,157	4,399	-	2,157	2,242	-	2,157	85	-	85
0483	0.005648%	0.006628%	0.000980%	21,919	21,919	-	4,349	17,570	-	4,349	13,221	-	4,349	8,872	-	4,349	4,523	-	4,349	174	-	174
0484	0.005426%	0.005998%	0.000572%	12,793	12,793	-	2,538	10,255	-	2,538	7,717	-	2,538	5,179	-	2,538	2,641	-	2,538	103	-	103
0485	0.014922%	0.005941%	-0.008981%	(200,869)	-	(200,869)	(39,855)	-	(161,014)	(39,855)	-	(121,159)	(39,855)	-	(81,304)	(39,855)	-	(41,449)	(39,855)	-	(1,594)	(1,594)
0486	0.002059%	0.000354%	-0.001705%	(38,134)	-	(38,134)	(7,566)	-	(30,568)	(7,566)	-	(23,002)	(7,566)	-	(15,436)	(7,566)	-	(7,870)	(7,566)	-	(304)	(304)
0487	0.010859%	0.011951%	0.001092%	24,424	24,424	-	4,846	19,578	-	4,846	14,732	-	4,846	9,886	-	4,846	5,040	-	4,846	194	-	194
0488	0.007643%	0.000752%	-0.006891%	(154,124)	-	(154,124)	(30,580)	-	(123,544)	(30,580)	-	(92,964)	(30,580)	-	(62,384)	(30,580)	-	(31,804)	(30,580)	-	(1,224)	(1,224)
0489	0.004595%	0.003503%	-0.001092%	(24,424)	-	(24,424)	(4,846)	-	(19,578)	(4,846)	-	(14,732)	(4,846)	-	(9,886)	(4,846)	-	(5,040)	(4,846)	-	(194)	(194)
0490	0.006562%	0.005636%	-0.000926%	(20,711)	-	(20,711)	(4,109)	-	(16,602)	(4,109)	-	(12,493)	(4,109)	-	(8,384)	(4,109)	-	(4,275)	(4,109)	-	(166)	(166)
0493	0.003559%	0.003921%	0.000362%	8,096	8,096	-	1,606	6,490	-	1,606	4,884	-	1,606	3,278	-	1,606	1,672	-	1,606	66	-	66
0495	0.000000%	0.000000%	0.000000%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHR223	0.000000%	0.002169%	0.002169%	48,512	48,512	-	9,625	38,887	-	9,625	29,262	-	9,625	19,637	-	9,625	10,012	-	9,625	387	-	387
wvSAF	23.762354%	24.617581%	0.855227%	19,127,973	19,127,973	-	3,795,233	15,332,740	-	3,795,233	11,537,507	-	3,795,233	7,742,274	-	3,795,233	3,947,041	-	3,795,233	151,808	-	151,808
wvARC	69.018617%	67.128575%	-1.890042%	(42,272,604)	-	(42,272,604)	(8,387,423)	-	(33,885,181)	(8,387,423)	-	(25,497,758)	(8,387,423)	-	(17,110,335)	(8,387,423)	-	(8,722,912)	(8,387,423)	-	(335,489)	(335,489)
	100.000000%	100.000000%	0.000000%		-	46,477,429	(46,477,429)	-	37,255,715	(37,255,715)	-	28,034,001	(28,034,001)	-	18,812,287	(18,812,287)	-	9,590,573	(9,590,573)	-	368,859	(368,859)	-