



**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**  
Schedule of Employer Allocations and Schedule of Pension Amounts by Employer  
June 30, 2016  
(With Independent Auditors' Report Thereon)

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations and Schedule of Pension Amounts by Employer

June 30, 2016

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**KPMG LLP**  
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Albany, NY 12207-2974

## **Independent Auditors' Report**

The Retirement Board  
New York State Teachers' Retirement System:

We have audited the accompanying schedule of employer allocations of the New York State Teachers' Retirement System (the System) as of and for the fiscal year ended June 30, 2016, and the related notes. We have also audited the total for all districts of the columns titled net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total pension expense included in the accompanying schedule of pension amounts by employer of the System as of and for the fiscal year ended June 30, 2016 (collectively the "specified column totals"), and the related notes.

### **Management's Responsibility for the Schedules**

Management is responsible for the preparation and fair presentation of these schedules in accordance with U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the schedules that are free from material misstatement, whether due to fraud or error.

### **Auditors' Responsibility**

Our responsibility is to express opinions on the 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 auditors' 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.



### **Opinions**

In our opinion, the schedules and the related notes referred to above present fairly, in all material respects, the employer allocations and net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total pension expense for the total of all participating districts for the New York State Teachers' Retirement System as of and for the fiscal year ended June 30, 2016, in accordance with U.S. generally accepted accounting principles.

### **Other Matter**

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the New York State Teachers' Retirement System as of and for the fiscal year ended June 30, 2016, and our report thereon dated October 26, 2016, expressed an unmodified opinion on those financial statements.

### **Restriction on Use**

Our report is intended solely for the information and use of the New York State Teachers' Retirement System management, the Retirement Board of the New York State Teachers' Retirement System, New York State Teachers' Retirement System employers and their auditors and is not intended to be and should not be used by anyone other than these specified parties.

**KPMG LLP**

Albany, New York  
December 8, 2016

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>	<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
<b>All districts</b>	\$ 2,046,151,737	100.000000	%
1005	10,546,992	0.515455	
1010	3,159,934	0.154433	
1015	3,530,378	0.172537	
1020	2,067,857	0.101061	
1025	3,276,105	0.160111	
1030	5,132,702	0.250847	
1035	33,792,153	1.651498	
1040	3,209,657	0.156863	
1045	1,860,173	0.090911	
1050	4,816,761	0.235406	
1055	2,309,646	0.112878	
1060	2,232,164	0.109091	
1065	4,545,078	0.222128	
1070	3,281,781	0.160388	
1075	2,224,153	0.108699	
1080	4,443,984	0.217187	
1085	1,903,010	0.093004	
1090	2,621,402	0.128114	
1095	1,357,583	0.066348	
1100	1,905,007	0.093102	
1105	4,906,864	0.239809	
1110	4,073,739	0.199093	
1115	1,352,443	0.066097	
1120	8,165,206	0.399052	
1125	1,898,626	0.092790	
1130	844,360	0.041266	
1135	4,472,927	0.218602	
1140	7,258,449	0.354737	
1145	1,025,353	0.050111	
1150	7,590,331	0.370956	
1155	12,430,217	0.607492	
1160	14,386,565	0.703104	
1165	13,741,368	0.671571	
1170	6,315,539	0.308654	
1175	3,511,869	0.171633	
1180	1,706,956	0.083423	
1185	1,624,860	0.079411	
1190	1,807,272	0.088325	
1195	1,901,628	0.092937	
1200	1,806,079	0.088267	
1205	3,840,374	0.187688	
1210	4,195,373	0.205037	
1215	2,269,874	0.110934	
1220	3,074,197	0.150243	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>	<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
1225	\$ 4,592,026	0.224423	%
1230	1,009,943	0.049358	
1235	33,799,021	1.651834	
1240	4,887,420	0.238859	
1245	4,600,118	0.224818	
1250	1,322,439	0.064631	
1255	5,375,034	0.262690	
1260	8,985,399	0.439137	
1265	1,676,504	0.081934	
1270	23,282,509	1.137868	
1275	1,575,981	0.077022	
1280	4,258,077	0.208102	
1285	7,542,581	0.368623	
1290	2,906,016	0.142023	
1295	1,159,674	0.056676	
1300	11,284,086	0.551478	
1305	30,304,325	1.481040	
2005	1,729,412	0.084520	
2006	1,503,711	0.073490	
2007	4,305,079	0.210399	
2008	3,703,628	0.181005	
2009	2,984,186	0.145844	
2010	9,506,198	0.464589	
2014	1,278,208	0.062469	
2015	2,724,521	0.133153	
2016	1,161,662	0.056773	
2018	2,591,482	0.126652	
2020	6,885,585	0.336514	
2025	5,070,238	0.247794	
2030	4,409,020	0.215479	
2035	1,454,335	0.071077	
2040	8,118,290	0.396759	
2044	1,951,014	0.095350	
2045	4,900,012	0.239475	
2046	4,119,476	0.201328	
2047	20,070,024	0.980867	
2048	4,759,389	0.232602	
2050	3,596,123	0.175751	
2052	3,135,322	0.153230	
2055	2,820,758	0.137857	
2056	3,367,144	0.164560	
2057	4,361,657	0.213164	
2058	2,692,958	0.131611	
2059	4,325,613	0.211402	
2060	1,180,084	0.057673	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>		<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
2061	\$	1,287,296	0.062913	%
2062		2,032,186	0.099317	
2063		990,715	0.048418	
2064		3,262,138	0.159428	
2065		2,755,007	0.134643	
2066		6,775,864	0.331152	
2067		10,084,657	0.492860	
2068		9,133,581	0.446378	
2069		1,190,158	0.058166	
2070		1,710,328	0.083588	
2071		1,443,261	0.070535	
2072		1,594,437	0.077924	
2073		3,318,615	0.162188	
2074		3,535,967	0.172811	
2075		6,617,817	0.323428	
2076		3,881,421	0.189694	
2077		1,082,555	0.052907	
2078		10,753,816	0.525563	
2079		5,772,852	0.282132	
2080		1,326,878	0.064847	
2081		1,628,622	0.079594	
2082		951,124	0.046484	
2083		2,218,570	0.108426	
2084		3,619,369	0.176887	
2085		1,790,307	0.087496	
2086		6,273,981	0.306623	
2090		2,781,070	0.135917	
2095		2,591,924	0.126673	
2104		1,558,937	0.076189	
2105		1,370,369	0.066973	
2110		4,082,442	0.199518	
2112		2,874,477	0.140482	
2115		6,219,105	0.303942	
2120		10,656,844	0.520824	
2125		1,129,313	0.055192	
2130		2,053,321	0.100350	
2135		3,712,962	0.181461	
2140		3,270,594	0.159841	
2145		4,797,936	0.234486	
2146		5,181,340	0.253224	
2147		1,284,332	0.062768	
2148		3,007,451	0.146981	
2149		2,015,421	0.098498	
2150		805,935	0.039388	
2155		3,064,399	0.149764	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>		<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
2160	\$	5,831,639	0.285005	%
2165		1,922,596	0.093962	
2170		8,357,988	0.408474	
2175		760,023	0.037144	
2180		1,580,441	0.077240	
2185		8,824,699	0.431283	
2187		4,109,477	0.200839	
2190		5,789,737	0.282957	
2191		4,020,396	0.196486	
2195		1,217,262	0.059490	
2196		1,358,004	0.066369	
2198		2,871,559	0.140339	
2200		12,699,584	0.620657	
2204		11,172,685	0.546034	
2205		312,094	0.015253	
2206		1,630,095	0.079666	
2207		3,061,073	0.149601	
2208		5,078,666	0.248206	
2209		12,316,138	0.601917	
2210		3,193,006	0.156049	
2212		4,325,761	0.211410	
2215		6,339,422	0.309822	
2220		2,563,885	0.125303	
2224		5,601,455	0.273756	
2225		10,483,813	0.512367	
2230		8,282,801	0.404799	
2231		3,995,018	0.195245	
2235		814,102	0.039787	
2239		3,833,142	0.187334	
2240		6,990,941	0.341663	
2241		1,135,720	0.055505	
2242		2,010,694	0.098267	
2243		2,028,486	0.099137	
2244		1,144,315	0.055925	
2245		3,148,241	0.153862	
2250		1,830,096	0.089441	
2255		5,707,152	0.278921	
2260		4,162,004	0.203406	
2266		3,385,864	0.165475	
2268		1,925,345	0.094096	
2270		3,179,672	0.155398	
2271		2,200,036	0.107521	
2272		3,459,172	0.169057	
2275		6,354,997	0.310583	
2280		2,055,000	0.100432	



**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>		<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
2281	\$	1,252,446	0.061210	%
2282		5,766,857	0.281839	
2285		7,911,857	0.386670	
2286		4,391,445	0.214620	
2288		2,574,928	0.125842	
2289		8,058,201	0.393822	
2290		4,442,301	0.217105	
2295		1,998,474	0.097670	
2300		4,819,499	0.235540	
2305		1,090,822	0.053311	
2310		12,275,702	0.599941	
2315		1,942,902	0.094954	
2317		1,913,813	0.093532	
2320		8,206,333	0.401062	
2325		7,239,961	0.353833	
2328		1,626,280	0.079480	
2330		4,137,514	0.202210	
2335		4,783,343	0.233773	
2338		6,538,741	0.319563	
2339		1,909,894	0.093341	
2340		2,155,908	0.105364	
2345		2,701,160	0.132012	
2350		7,682,283	0.375450	
2355		5,433,344	0.265540	
2360		3,829,785	0.187170	
2361		1,637,927	0.080049	
2362		1,887,647	0.092254	
2363		1,214,670	0.059364	
2364		2,320,720	0.113419	
2365		11,570,811	0.565491	
2370		1,908,199	0.093258	
2375		1,599,683	0.078180	
2377		2,360,981	0.115386	
2378		11,976,079	0.585298	
2379		12,091,668	0.590947	
2380		4,756,351	0.232453	
2381		2,485,631	0.121478	
2383		8,494,043	0.415123	
2384		5,380,299	0.262947	
2385		3,743,339	0.182945	
2389		3,380,980	0.165236	
2390		6,991,816	0.341706	
2391		3,331,891	0.162837	
2394		2,304,894	0.112645	
2395		1,897,744	0.092747	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>	<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
2396	\$ 1,361,098	0.066520	%
2400	11,144,532	0.544658	
2401	2,640,479	0.129046	
2402	6,631,403	0.324091	
2403	3,027,024	0.147937	
2405	4,070,599	0.198939	
2406	5,478,521	0.267748	
2408	5,793,941	0.283163	
2409	1,219,445	0.059597	
2410	7,499,325	0.366509	
2415	8,904,624	0.435189	
2420	4,315,080	0.210888	
2425	8,500,915	0.415459	
2426	2,382,148	0.116421	
2428	4,544,626	0.222106	
2430	6,764,084	0.330576	
2435	1,818,356	0.088867	
2440	3,028,514	0.148010	
2441	1,737,164	0.084899	
2445	8,666,777	0.423565	
2450	3,437,540	0.168000	
2455	4,238,665	0.207153	
2458	4,327,709	0.211505	
2460	1,566,114	0.076539	
2464	1,403,149	0.068575	
2465	737,627	0.036049	
2466	1,722,159	0.084166	
2467	2,492,196	0.121799	
2468	2,021,554	0.098798	
2469	5,520,262	0.269788	
2470	5,020,032	0.245340	
2471	5,404,380	0.264124	
2475	8,083,275	0.395048	
2480	2,669,142	0.130447	
2485	5,410,834	0.264440	
2490	8,087,207	0.395240	
2495	1,002,123	0.048976	
2497	2,720,723	0.132968	
2498	2,350,623	0.114880	
2500	6,574,169	0.321294	
2504	3,773,740	0.184431	
2505	5,553,595	0.271417	
2507	1,062,367	0.051920	
2508	3,027,389	0.147955	
2509	5,478,572	0.267750	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

District code	Required employer contribution	Employer allocation percentage	
2510	\$ 2,226,420	0.108810	%
2512	16,131,022	0.788359	
2514	1,472,919	0.071985	
2515	1,248,777	0.061030	
2520	2,988,578	0.146058	
2525	4,332,578	0.211743	
2530	8,314,459	0.406346	
2533	2,068,478	0.101091	
2535	2,430,072	0.118763	
2540	5,558,939	0.271678	
2541	3,591,795	0.175539	
2542	2,113,730	0.103303	
2545	1,077,090	0.052640	
2547	7,870,893	0.384668	
2550	905,134	0.044236	
2551	1,357,828	0.066360	
2555	1,482,644	0.072460	
2557	11,903,452	0.581748	
2559	1,279,715	0.062543	
2560	1,481,374	0.072398	
2561	4,856,175	0.237332	
2562	5,571,397	0.272287	
2563	6,127,463	0.299463	
2564	7,857,388	0.384008	
2565	4,811,228	0.235135	
2570	3,350,965	0.163769	
2573	3,412,664	0.166784	
2574	1,172,053	0.057281	
2575	11,583,393	0.566106	
2576	2,366,989	0.115680	
2580	6,497,549	0.317550	
2582	1,501,469	0.073380	
2584	3,805,779	0.185997	
2585	13,233,124	0.646732	
2590	4,226,512	0.206559	
2593	10,057,742	0.491544	
2595	889,506	0.043472	
2600	1,507,856	0.073692	
2605	753,858	0.036843	
2610	10,802,068	0.527921	
2611	2,894,333	0.141453	
2612	3,464,485	0.169317	
2613	3,285,300	0.160560	
2614	4,396,082	0.214846	
2615	11,664,616	0.570076	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>		<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
2616	\$	4,238,480	0.207144	%
2617		4,507,288	0.220281	
2618		1,103,964	0.053953	
2619		2,487,072	0.121549	
2620		846,757	0.041383	
2625		1,424,771	0.069632	
2626		1,067,443	0.052168	
2630		1,179,988	0.057669	
2632		2,374,485	0.116046	
2633		8,108,200	0.396266	
2635		1,058,225	0.051718	
2640		2,829,854	0.138301	
2641		1,564,412	0.076456	
2642		6,573,205	0.321247	
2643		5,928,240	0.289726	
2644		5,436,905	0.265714	
2645		6,704,295	0.327654	
2648		1,360,424	0.066487	
2649		2,820,261	0.137832	
2650		569,951	0.027855	
2651		10,063,251	0.491814	
2652		1,145,600	0.055988	
2653		1,650,337	0.080656	
2654		10,529,403	0.514595	
2655		5,757,858	0.281399	
2656		5,548,718	0.271178	
3032		775,171	0.037884	
3041		326,949	0.015979	
3042		929,089	0.045407	
3043		967,552	0.047286	
3044		667,443	0.032619	
3048		285,342	0.013945	
3077		789,447	0.038582	
3078		336,128	0.016427	
3079		223,556	0.010926	
3081		387,772	0.018951	
3082		700,697	0.034245	
3101		320,117	0.015645	
3105		350,848	0.017147	
3106		582,229	0.028455	
3107		527,089	0.025760	
3126		802,284	0.039209	
3128		561,032	0.027419	
3178		987,585	0.048265	
3179		670,629	0.032775	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

District code	Required employer contribution	Employer allocation percentage	
3201	\$ 383,667	0.018751	%
3202	691,600	0.033800	
3204	698,713	0.034148	
3206	781,711	0.038204	
3208	334,506	0.016348	
3226	973,437	0.047574	
3229	581,918	0.028440	
3231	842,586	0.041179	
3232	411,450	0.020108	
3276	796,012	0.038903	
3277	934,691	0.045680	
3278	647,632	0.031651	
3280	785,594	0.038394	
3281	734,793	0.035911	
3284	847,076	0.041398	
3303	892,230	0.043605	
3304	462,301	0.022594	
3305	589,781	0.028824	
3306	568,006	0.027760	
3307	236,579	0.011562	
3308	445,208	0.021758	
3309	797,428	0.038972	
3326	718,204	0.035100	
3327	951,472	0.046501	
3328	529,325	0.025869	
3329	636,024	0.031084	
3330	966,276	0.047224	
3331	1,105,293	0.054018	
3332	480,892	0.023502	
3452	1,145,573	0.055987	
3453	390,995	0.019109	
3458	848,621	0.041474	
3460	1,315,734	0.064303	
3464	341,356	0.016683	
3465	243,934	0.011922	
3466	641,288	0.031341	
3467	336,081	0.016425	
3468	68,539	0.003350	
3470	296,777	0.014504	
3471	266,362	0.013018	
3472	259,821	0.012698	
3526	644,585	0.031502	
3527	524,019	0.025610	
3528	499,735	0.024423	
3531	746,799	0.036498	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>	<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
3552	\$ 268,029	0.013099	%
3559	615,672	0.030089	
3560	739,790	0.036155	
3561	847,746	0.041431	
3576	317,054	0.015495	
3577	685,573	0.033505	
3579	398,156	0.019459	
3585	804,708	0.039328	
3586	936,803	0.045784	
3589	686,194	0.033536	
3591	329,781	0.016117	
3592	754,903	0.036894	
3593	1,401,966	0.068517	
3594	332,531	0.016252	
3626	1,530,473	0.074798	
3629	968,881	0.047351	
3630	1,604,117	0.078397	
3631	1,277,993	0.062458	
3632	2,297,552	0.112286	
3635	1,573,669	0.076909	
3636	1,303,645	0.063712	
3658	1,262,765	0.061714	
3679	1,354,930	0.066218	
3702	751,087	0.036707	
3709	595,829	0.029119	
3805	475,473	0.023237	
3821	689,290	0.033687	
3822	237,380	0.011601	
3854	1,567,916	0.076628	
3855	836,002	0.040857	
3856	161,015	0.007869	
3857	1,591	0.000078	
3927	903,940	0.044178	
3928	421,377	0.020594	
3929	836,424	0.040878	
3930	774,694	0.037861	
3931	1,017,551	0.049730	
3932	758,422	0.037066	
3934	153,118	0.007483	
3979	531,964	0.025998	
3980	487,845	0.023842	
3981	334,711	0.016358	
3982	175,574	0.008581	
3983	380,722	0.018607	
3986	399,334	0.019516	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>	<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
3987	\$ 299,935	0.014658	%
3988	374,431	0.018299	
3989	281,213	0.013744	
3990	404,095	0.019749	
3991	447,600	0.021875	
3992	401,440	0.019619	
3994	739,191	0.036126	
3995	367,538	0.017962	
3996	311,937	0.015245	
3997	328,640	0.016061	
3998	309,830	0.015142	
3999	340,567	0.016644	
4001	553	0.000027	
4004	186,961	0.009137	
4007	265,884	0.012994	
4008	92,748	0.004533	
4009	1,547,021	0.075606	
4010	151,545	0.007406	
4014	727,862	0.035572	
4015	448,002	0.021895	
4020	871,673	0.042601	
4021	1,194,245	0.058365	
4022	890,199	0.043506	
4027	872,478	0.042640	
4028	157,919	0.007718	
4029	955,643	0.046704	
4030	576,552	0.028177	
4031	505,510	0.024705	
4034	429,094	0.020971	
4036	759,043	0.037096	
4101	477,745	0.023348	
4104	403,288	0.019710	
4124	37,194	0.001818	
4126	1,418,188	0.069310	
4128	890,810	0.043536	
4130	788,023	0.038512	
4132	371,610	0.018161	
4134	354,052	0.017303	
4135	279,041	0.013637	
4137	391,706	0.019144	
4142	1,259,127	0.061536	
4143	1,029,119	0.050295	
4144	623,556	0.030475	
4149	342,595	0.016743	
4151	905,498	0.044254	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

District code	Required employer contribution	Employer allocation percentage	
4152	\$ 806,169	0.039399	%
4153	898,133	0.043894	
4154	466,177	0.022783	
4155	686,137	0.033533	
4178	662,861	0.032395	
4180	1,349,167	0.065937	
4183	863,934	0.042222	
4184	829,129	0.040521	
4202	564,014	0.027565	
4203	548,033	0.026784	
4205	398,138	0.019458	
4206	388,000	0.018962	
4208	2,020,726	0.098757	
4258	656,458	0.032083	
4259	666,541	0.032575	
4260	1,064,805	0.052039	
4301	2,075,631	0.101441	
4351	3,023,557	0.147768	
4353	1,778,318	0.086910	
4355	2,875,240	0.140519	
4356	4,700,900	0.229743	
4357	2,228,707	0.108922	
4358	1,642,487	0.080272	
4360	1,754,726	0.085757	
4361	2,976,288	0.145458	
4363	1,774,949	0.086746	
4364	1,955,148	0.095552	
4365	1,422,586	0.069525	
4366	6,561,794	0.320690	
4367	10,846,792	0.530107	
4368	8,386,631	0.409873	
4428	480,554	0.023486	
4430	584,899	0.028585	
4434	217,231	0.010617	
4437	824,936	0.040316	
4438	636,780	0.031121	
4439	823,869	0.040264	
4504	530,536	0.025928	
4531	784,801	0.038355	
4532	1,086,957	0.053122	
4533	844,094	0.041253	
4534	843,644	0.041231	
4557	420,700	0.020561	
4582	940,455	0.045962	
4583	662,931	0.032399	



**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

District code	Required employer contribution	Employer allocation percentage	
4586	\$ 809,663	0.039570	%
4588	710,835	0.034740	
4590	729,313	0.035643	
4592	414,309	0.020248	
4593	841,657	0.041134	
4594	777,390	0.037993	
4595	876,056	0.042815	
4596	688,121	0.033630	
4597	1,041,723	0.050911	
4598	940,195	0.045949	
4604	1,205,572	0.058919	
4617	534,344	0.026115	
4620	847,932	0.041440	
4651	1,073,098	0.052445	
4653	3,281,237	0.160361	
4654	3,759,290	0.183725	
4662	750,095	0.036659	
4663	1,014,767	0.049594	
4679	866,063	0.042326	
4680	609,563	0.029791	
4701	1,159,250	0.056655	
4703	1,031,141	0.050394	
4704	933,782	0.045636	
4705	1,258,081	0.061485	
4854	1,151,705	0.056286	
4855	408,866	0.019982	
4857	2,313,748	0.113078	
4862	2,245,926	0.109763	
4863	2,735,253	0.133678	
4877	1,102,969	0.053905	
4879	837,129	0.040912	
4883	35,194	0.001720	
4884	353,679	0.017285	
4885	986,123	0.048194	
4890	1,476,556	0.072163	
4892	1,348,372	0.065898	
4894	1,392,691	0.068064	
4901	891,345	0.043562	
4905	437,600	0.021386	
4906	1,217,588	0.059506	
4907	1,882,574	0.092006	
4908	529,038	0.025855	
4909	1,407,993	0.068812	
4910	674,454	0.032962	
4976	322,239	0.015749	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

District code	Required employer contribution	Employer allocation percentage	
4978	\$ 340,643	0.016648	%
4979	513,901	0.025116	
4980	255,915	0.012507	
4981	310,492	0.015174	
4982	456,358	0.022303	
4983	341,195	0.016675	
5001	713,770	0.034884	
5002	388,298	0.018977	
5003	568,677	0.027793	
5026	400,737	0.019585	
5027	902,245	0.044095	
5028	395,688	0.019338	
5076	1,073,388	0.052459	
5078	849,377	0.041511	
5102	2,700,319	0.131971	
5103	1,435,955	0.070178	
5107	959,396	0.046888	
5108	843,136	0.041206	
5251	599,753	0.029311	
5253	885,387	0.043271	
5276	1,115,000	0.054493	
5281	411,912	0.020131	
5282	456,590	0.022315	
5301	480,694	0.023493	
5303	290,936	0.014219	
5305	345,395	0.016880	
5306	583,409	0.028512	
5307	783,062	0.038270	
5308	563,381	0.027534	
5309	250,158	0.012226	
5351	3,441,887	0.168213	
5352	35,253	0.001723	
5353	375,291	0.018341	
5354	1,060,017	0.051805	
5355	2,139,191	0.104547	
5356	708,106	0.034607	
5357	3,088,193	0.150927	
5358	6,388,816	0.312236	
5359	585,379	0.028609	
5360	412,731	0.020171	
5361	3,033,364	0.148247	
5362	308,816	0.015093	
5363	2,705,614	0.132229	
5364	675,065	0.032992	
5365	34,599	0.001691	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

District code	Required employer contribution	Employer allocation percentage	
5367	\$ 725,515	0.035458	%
5368	567,021	0.027712	
5369	159,416	0.007791	
5371	202,327	0.009888	
5372	1,589,140	0.077665	
5375	2,135,007	0.104343	
5376	806,029	0.039392	
5379	31,629	0.001546	
5380	407,918	0.019936	
5403	4,778,815	0.233551	
5406	1,979,471	0.096741	
5407	3,273,652	0.159991	
5408	3,453,509	0.168781	
5409	3,902,802	0.190739	
5415	2,204,944	0.107761	
5416	838,485	0.040979	
5418	4,144,104	0.202532	
5420	3,931,810	0.192156	
5427	190,749	0.009322	
5457	2,931,635	0.143276	
5458	3,280,771	0.160339	
5501	1,320,392	0.064531	
5504	1,269,279	0.062032	
5505	370,966	0.018130	
5506	599,443	0.029296	
5507	664,442	0.032473	
5527	711,167	0.034756	
5528	803,175	0.039253	
5530	990,876	0.048426	
5533	464,833	0.022717	
5534	712,174	0.034806	
5535	1,232,992	0.060259	
5541	679,781	0.033222	
5601	1,874,403	0.091606	
5676	497,834	0.024330	
5677	413,946	0.020230	
5678	524,195	0.025619	
5679	1,055,698	0.051594	
5680	995,313	0.048643	
5681	454,252	0.022200	
5682	540,915	0.026436	
5683	875,285	0.042777	
5684	359,798	0.017584	
5685	583,595	0.028522	
5687	1,065,901	0.052093	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

District code	Required employer contribution	Employer allocation percentage	
5688	\$ 387,872	0.018956	%
5691	147,502	0.007209	
5692	852,988	0.041687	
5693	281,610	0.013763	
5694	217,737	0.010641	
5695	235,164	0.011493	
5801	2,964,671	0.144890	
5806	1,686,530	0.082424	
5807	593,637	0.029012	
5812	687,626	0.033606	
5813	859,982	0.042029	
5817	2,555,964	0.124916	
5820	882,230	0.043117	
5821	1,217,375	0.059496	
5822	1,615,854	0.078970	
5823	346,522	0.016935	
6001	3,374,882	0.164938	
6005	2,419,476	0.118245	
6008	2,276,670	0.111266	
6011	1,168,542	0.057109	
6018	1,180,899	0.057713	
6022	1,345,104	0.065738	
6026	2,281,416	0.111498	
6027	3,517,643	0.171915	
6028	2,804,770	0.137075	
6036	621,361	0.030367	
6040	864,056	0.042228	
6041	1,236,421	0.060427	
6042	1,098,638	0.053693	
6044	1,855,161	0.090666	
6048	1,466,044	0.071649	
6050	1,676,890	0.081953	
6051	3,849,427	0.188130	
6052	2,807,700	0.137219	
6056	11,168,940	0.545851	
6057	2,141,293	0.104650	
6061	4,195,047	0.205021	
6065	4,883,405	0.238663	
6067	2,452,303	0.119850	
6068	1,673,935	0.081809	
6074	2,841,790	0.138885	
6075	2,210,429	0.108029	
6078	5,293,989	0.258729	
6079	2,481,242	0.121264	
6091	10,804,518	0.528041	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

District code	Required employer contribution	Employer allocation percentage	
6093	\$ 5,707,503	0.278938	%
6094	3,392,457	0.165797	
6095	1,415,655	0.069186	
6097	1,101,088	0.053813	
6099	1,418,623	0.069331	
6104	2,272,706	0.111072	
6105	3,631,606	0.177485	
6109	3,788,554	0.185155	
6507	119,063	0.005819	
6511	64,610	0.003158	
7000	16,707,024	0.816510	
7500	166,195	0.008122	
7501	339,893	0.016611	
7502	45,607	0.002229	
8000	2,101,275	0.102694	
8102	424,339	0.020738	
8105	515,660	0.025201	
8110	881,584	0.043085	
8112	201,614	0.009853	
8113	215,714	0.010542	
8115	251,032	0.012269	
8120	739,182	0.036125	
8124	1,997,293	0.097612	
8129	621,321	0.030365	
8130	2,698,858	0.131899	
8131	385,861	0.018858	
8133	560,413	0.027389	
8134	258,546	0.012636	
8135	1,376,147	0.067255	
8140	319,734	0.015626	
8142	654,380	0.031981	
8145	533,845	0.026090	
8146	1,478,309	0.072248	
8149	194,051	0.009484	
8150	2,745,157	0.134162	
8151	1,371,487	0.067028	
8153	455,247	0.022249	
8155	789,695	0.038594	
8160	656,552	0.032087	
8162	274,478	0.013414	
8166	3,589,176	0.175411	
8167	172,504	0.008431	
8168	264,582	0.012931	
8169	277,120	0.013543	
8170	1,304,015	0.063730	
8400	584,416	0.028562	
8402	231,312	0.011305	
8403	282,822	0.013822	
8405	—	—	

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2016

<b>District code</b>	<b>Required employer contribution</b>	<b>Employer allocation percentage</b>	
8406	\$ 207,374	0.010135	%
8407	1,235,468	0.060380	
8409	687,973	0.033623	
8410	289,207	0.014134	
8412	645,778	0.031561	
8413	92,657	0.004528	
8414	—	—	
8415	534,763	0.026135	
8416	265,812	0.012991	
8417	—	—	
8419	278,880	0.013629	
8420	427,694	0.020902	
8421	262,551	0.012831	
8422	266,186	0.013009	
8423	223,585	0.010927	
8424	138,010	0.006745	
8425	264,603	0.012932	
8426	191,810	0.009374	
8427	93,124	0.004551	
8428	428,843	0.020959	
8429	236,672	0.011567	
8430	210,391	0.010282	
8431	187,555	0.009166	
8432	161,104	0.007874	

See accompanying notes to schedule of employer allocations and schedule of pension amounts by employer.

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources				Deferred inflows of resources				Pension expense			
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion
All districts	\$ 1,071,041,940	—	2,408,265,425	6,101,336,740	90,578,816	8,600,180,981	347,934,465	—	90,578,816	438,513,281	1,771,560,571	0	1,771,560,571
1005	5,520,739	—	12,413,525	31,449,646	134,248	43,997,419	1,793,446	—	1,840,817	3,634,262	9,131,598	(278,591)	8,853,007
1010	1,654,043	—	3,719,158	9,422,480	91,242	13,232,879	537,326	—	148,837	686,163	2,735,875	(5,935)	2,729,940
1015	1,847,948	—	4,155,159	10,527,089	154,798	14,837,046	600,317	—	134,603	734,920	3,056,605	6,213	3,062,818
1020	1,082,403	—	2,433,812	6,166,058	179,112	8,778,982	351,625	—	12,036	363,661	1,790,353	27,121	1,817,474
1025	1,714,852	—	3,855,888	9,768,886	—	13,624,774	557,080	—	111,519	668,599	2,836,456	(17,371)	2,819,085
1030	2,686,672	—	6,041,051	15,304,994	30,934	21,376,979	872,782	—	183,352	1,056,134	4,443,899	(24,883)	4,419,016
1035	17,688,235	—	39,772,453	100,763,449	1,735,406	142,271,308	5,746,130	—	277,935	6,024,066	29,257,286	218,115	29,475,400
1040	1,680,070	—	3,777,680	9,570,746	202,250	13,550,675	545,781	—	2,381	548,161	2,778,925	32,267	2,811,192
1045	973,693	—	2,189,373	5,546,773	11,963	7,748,109	316,310	—	100,640	416,950	1,610,540	(12,625)	1,597,915
1050	2,521,296	—	5,669,198	14,362,905	78,863	20,110,966	819,058	—	26,221	845,279	4,170,358	6,574	4,176,931
1055	1,208,966	—	2,718,391	6,887,038	35,369	9,640,798	392,740	—	132,118	524,858	1,999,694	(16,521)	1,983,173
1060	1,168,408	—	2,627,196	6,655,998	9,115	9,292,310	379,565	—	109,098	488,663	1,932,610	(16,036)	1,916,573
1065	2,379,085	—	5,349,434	13,552,782	321,649	19,223,865	772,860	—	262,209	1,035,069	3,935,134	16,026	3,951,160
1070	1,717,822	—	3,862,568	9,785,810	305,375	13,953,753	558,045	—	156,702	814,747	2,841,370	28,028	2,869,398
1075	1,164,215	—	2,617,768	6,632,112	86,250	9,336,131	378,202	—	140,632	518,834	1,925,675	(10,981)	1,914,694
1080	2,326,168	—	5,230,450	13,251,337	167,006	18,648,792	755,670	—	—	755,670	3,847,607	24,796	3,872,403
1085	996,116	—	2,239,792	5,674,509	259,873	8,174,173	323,594	—	146,097	469,691	1,647,628	11,823	1,659,451
1090	1,372,152	—	3,085,320	7,816,653	48,766	10,950,739	445,752	—	142,977	588,729	2,269,613	(11,679)	2,257,935
1095	710,616	—	1,597,839	4,048,122	42,276	5,688,237	230,848	—	109,409	340,257	1,175,397	(11,789)	1,163,608
1100	997,161	—	2,242,142	5,680,463	99,820	8,022,424	323,934	—	78,358	402,292	1,649,357	5,419	1,654,776
1105	2,568,459	—	5,775,247	14,631,579	468,771	20,875,597	834,380	—	31,388	865,768	4,248,369	61,316	4,309,685
1110	2,132,366	—	4,794,681	12,147,317	803,815	17,745,814	692,712	—	2,687	695,399	3,527,048	127,316	3,654,364
1115	707,926	—	1,591,789	4,032,796	—	5,624,585	229,974	—	—	407,515	1,170,947	(27,209)	1,143,738
1120	4,274,012	—	9,610,227	24,347,496	60,323	34,018,046	1,388,439	—	177,544	2,160,460	7,069,445	(112,813)	6,956,631
1125	993,821	—	2,234,632	5,661,436	162,070	8,058,138	322,849	—	—	322,849	1,643,833	22,493	1,666,326
1130	441,974	—	993,789	2,517,764	46,499	3,558,051	143,578	—	—	176,880	731,048	2,904	733,952
1135	2,341,318	—	5,264,514	13,337,638	395,850	18,998,003	760,591	—	33,302	760,591	3,872,665	60,606	3,933,271
1140	3,799,378	—	8,542,999	21,643,674	295,341	30,482,015	1,234,251	—	399,538	1,633,789	6,284,374	(6,656)	6,277,717
1145	536,713	—	1,206,813	3,057,459	—	4,264,272	174,354	—	56,708	231,063	887,752	(9,081)	878,671
1150	3,973,099	—	8,933,615	22,633,301	588,205	32,155,122	1,290,685	—	381,988	1,672,674	6,571,718	40,833	6,612,551
1155	6,506,499	—	14,630,030	37,065,158	158,252	51,853,439	2,113,675	—	2,183,009	10,762,096	12,110	10,774,206	
1160	7,530,533	—	16,932,599	42,898,713	281,859	60,113,171	2,446,339	—	40,547	2,486,886	12,455,905	38,408	12,494,312
1165	7,192,810	—	16,173,219	40,974,826	785,569	57,933,614	2,336,628	—	—	2,336,628	11,897,292	125,542	12,022,835
1170	3,305,819	—	7,433,219	18,832,049	560,328	26,825,596	1,073,915	—	134,332	1,208,247	5,468,001	71,750	5,539,750
1175	1,838,260	—	4,133,375	10,471,900	12,114	14,617,390	597,170	—	261,942	859,112	3,040,580	(40,463)	3,000,117
1180	893,492	—	2,009,041	5,089,902	—	7,098,943	290,256	—	94,235	384,492	1,477,884	(15,061)	1,462,824
1185	850,520	—	1,912,416	4,845,104	54,160	6,811,680	276,297	—	4,394	280,690	1,406,806	7,465	1,414,270
1190	946,002	—	2,127,110	5,389,030	58,018	7,574,158	307,314	—	449	307,764	1,564,738	9,220	1,573,958
1195	995,392	—	2,238,165	5,670,387	49,400	7,957,952	323,359	—	211,772	535,131	1,646,432	(27,451)	1,618,981
1200	945,378	—	2,125,707	5,385,475	49,098	7,560,279	307,112	—	9,647	316,759	1,563,706	5,229	1,568,934
1205	2,010,214	—	4,520,017	11,451,456	619,391	16,590,864	653,030	—	164,645	817,675	3,325,001	77,469	3,402,470
1210	2,196,035	—	4,937,841	12,510,013	1,355	17,449,209	713,395	—	180,830	894,225	3,632,359	(28,392)	3,603,967
1215	1,188,148	—	2,671,581	6,768,446	6,210	9,446,237	385,977	—	17,140	403,117	1,965,260	1,637	1,963,637
1220	1,609,164	—	3,618,247	9,166,823	123,929	12,908,999	522,747	—	8,040	530,787	2,661,643	18,714	2,680,357
1225	2,403,660	—	5,404,690	13,692,775	1,514,034	20,611,500	780,843	—	9,842	790,686	3,975,781	235,320	4,211,101
1230	528,647	—	1,188,676	3,011,508	37,366	4,237,549	171,734	—	35,551	207,285	874,410	1,180	875,590
1235	17,691,830	—	39,780,537	100,783,929	2,493,805	143,058,270	5,747,298	—	542,115	6,289,414	29,263,232	272,965	29,536,195
1240	2,558,281	—	5,752,361	14,573,599	426,980	20,752,941	831,073	—	249,633	1,080,706	4,231,534	17,542	4,249,076
1245	2,407,896	—	5,414,215	13,716,906	278,109	19,409,230	782,319	—	720,495	1,502,715	3,982,788	(78,173)	3,904,615
1250	692,220	—	1,556,475	3,943,326	25,581	5,525,382	224,872	—	2,630	227,502	1,144,969	3,050	1,148,019
1255	2,813,519	—	6,326,270	16,027,594	28,457	22,382,300	913,989	—	266,368	1,180,356	4,653,710	(39,052)	4,614,659
1260	4,703,336	—	10,575,573	26,793,197	365,763	37,734,533	1,527,907	—	1,219	1,529,127	7,779,569	52,423	7,831,992
1265	877,553	—	1,973,200	4,999,099	5,652	6,977,951	285,078	—	41,762	326,840	1,451,519	(4,897)	1,446,622
1270	12,187,045	—	27,402,886	69,425,168	563,021	97,391,075	3,959,036	—	5,080,586	9,039,621	20,158,024	(743,176)	19,414,847
1275	824,935	—	1,854,887	4,699,354	22,849	6,577,090	267,985	—	75,111	343,096	1,364,486	(8,870)	1,355,616
1280	2,228,857	—	5,011,642	12,696,986	35,374	17,744,001	724,058	—	229,069	953,127	3,686,648	(25,709)	3,660,939
1285	3,948,104	—	8,877,415	22,490,917	453,776	31,822,108	1,282,566	—	673,685	1,956,251	6,530,376	(46,898)	6,483,478
1290	1,521,131	—	3,420,302	8,665,331	411,841	12,497,474	494,149	—	—	494,149	2,516,032	63,758	2,579,790
1295	607,022	—	1,364,905	3,457,985	12,494	4,835,384	197,195	—	3,509	200,704	1,004,047	1,476	1,005,523
1300	5,906,565	—	13,281,065	33,647,557	129,091	47,057,713	1,918,784	—	578,766	2,497,550	9,769,775	(75,653)	9,694,121

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer  
As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources				Deferred inflows of resources				Pension expense			
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion
1305	\$ 15,862,559	—	35,667,374	90,363,236	91,974	126,122,584	5,153,049	—	501,012	5,654,060	26,237,520	(66,665)	26,170,856
2005	905,247	—	2,035,471	5,156,863	22,441	7,214,774	294,075	—	16,859	310,934	1,497,327	453	1,497,779
2006	787,106	—	1,769,827	4,483,855	63,953	6,317,635	255,696	—	3,287	258,983	1,301,915	9,740	1,311,655
2007	2,253,459	—	5,066,962	12,837,140	9,023	17,913,125	732,050	—	1,064,670	1,796,720	3,727,342	(163,881)	3,563,462
2008	1,938,635	—	4,359,070	11,043,698	59,459	15,462,228	629,777	—	234,332	864,109	3,206,606	(22,263)	3,184,343
2009	1,562,049	—	3,512,306	8,898,423	23,217	12,433,946	507,441	—	174,729	682,170	2,583,712	(24,819)	2,558,892
2010	4,975,944	—	11,188,539	28,346,147	470,288	40,004,975	1,616,466	—	—	1,616,466	8,230,478	68,888	8,299,365
2014	669,068	—	1,504,416	3,811,436	99,223	5,415,075	217,351	—	—	217,351	1,106,674	15,473	1,122,147
2015	1,426,129	—	3,206,688	8,124,140	18,692	11,349,520	463,287	—	160,307	623,594	2,358,894	(21,627)	2,337,267
2016	608,063	—	1,367,245	3,463,914	46,344	4,877,504	197,533	—	65,496	263,029	1,005,769	(1,385)	1,004,384
2018	1,356,491	—	3,050,105	7,727,436	14,230	10,791,771	440,664	—	—	440,664	2,243,709	(32,959)	2,210,749
2020	3,604,205	—	8,104,148	20,531,848	133,113	28,769,109	1,170,848	—	76,265	1,247,113	5,961,548	10,211	5,971,759
2025	2,653,976	—	5,967,533	15,118,736	—	21,086,269	862,160	—	232,801	1,094,961	4,389,818	(34,631)	4,355,186
2030	2,307,867	—	5,189,298	13,147,078	389,198	18,725,575	749,725	—	148,184	897,909	3,817,335	42,433	3,859,768
2035	761,260	—	1,711,713	4,336,622	5,344	6,053,679	247,500	—	50,488	297,988	1,259,165	(6,114)	1,253,051
2040	4,249,454	—	9,555,008	24,207,598	108,630	33,871,236	1,380,461	—	—	1,380,461	6,986,036	(42,789)	6,943,247
2044	1,021,243	—	2,296,291	5,817,650	8,650	8,122,591	331,757	—	566,532	898,289	1,689,190	(88,291)	1,600,899
2045	2,564,873	—	5,767,182	14,611,148	3,998	20,382,328	833,214	—	164,508	997,723	4,242,436	(22,043)	4,220,391
2046	2,156,307	—	4,848,513	12,283,699	31,271	17,163,482	700,489	—	27,114	727,604	3,566,647	(84)	3,566,564
2047	10,505,495	—	23,621,877	59,845,988	91,539	83,559,405	3,412,774	—	1,318,359	4,731,133	17,376,650	(176,049)	17,200,601
2048	2,491,265	—	5,601,673	14,191,289	136,815	19,930,316	809,302	—	110,354	919,656	4,120,685	6,911	4,127,596
2050	1,882,362	—	4,232,539	10,723,132	11,090	14,966,761	611,497	—	108,631	720,127	3,113,527	(13,148)	3,100,379
2052	1,641,160	—	3,690,190	9,349,090	11,281	13,050,561	533,141	—	235,860	769,000	2,714,566	(31,693)	2,682,873
2055	1,476,504	—	3,319,956	8,411,105	19,719	11,750,780	479,651	—	84,061	563,712	2,442,216	(8,196)	2,434,020
2056	1,762,505	—	3,963,038	10,040,349	27,069	14,030,456	572,560	—	54,984	627,545	2,915,277	(3,352)	2,911,925
2057	2,283,075	—	5,133,552	13,005,847	69,329	18,208,728	741,671	—	35,846	777,517	3,776,327	6,064	3,782,391
2058	1,409,607	—	3,169,539	8,030,021	143,504	11,343,064	457,920	—	37,110	495,030	2,331,566	16,239	2,347,805
2059	2,264,208	—	5,091,130	12,898,371	90,673	18,080,173	735,542	—	138,434	873,976	3,745,121	(9,665)	3,735,456
2060	617,706	—	1,388,927	3,518,845	—	4,907,772	200,665	—	100,912	301,577	1,021,718	(15,372)	1,006,346
2061	673,825	—	1,515,113	3,838,536	174,177	5,527,825	218,896	—	—	218,896	1,114,542	26,162	1,140,705
2062	1,063,732	—	2,391,828	6,059,692	34,615	8,486,135	345,560	—	74,161	419,721	1,759,469	(4,660)	1,754,808
2063	518,582	—	1,166,045	2,954,174	13,944	4,134,163	168,465	—	—	168,465	607,763	(3,855)	603,907
2064	1,707,540	—	3,839,448	9,727,236	193,441	13,760,125	554,705	—	—	554,705	2,824,363	31,015	2,855,377
2065	1,442,087	—	3,242,569	8,215,043	149,736	11,607,348	468,471	—	3,169	471,640	2,385,288	23,668	2,408,957
2066	3,546,772	—	7,975,009	20,204,672	6,275	28,185,956	1,152,190	—	—	1,152,190	1,283,753	(20,152)	1,263,601
2067	5,278,734	—	11,869,370	30,071,029	462,909	42,403,308	1,714,829	—	825,496	2,540,325	8,731,308	(39,077)	8,692,231
2068	4,780,901	—	10,749,979	27,235,054	257,167	38,242,200	1,553,105	—	405,230	1,958,334	7,907,865	(30,169)	7,877,696
2069	622,979	—	1,400,784	3,548,885	7,982	4,957,651	202,379	—	197,355	399,733	1,030,441	(30,227)	1,000,213
2070	895,258	—	2,013,010	5,099,957	60,724	7,173,691	299,430	—	9,745	309,175	1,480,804	6,934	1,487,737
2071	755,464	—	1,698,679	4,303,602	30,989	6,033,270	245,417	—	—	245,417	369,780	(15,849)	353,931
2072	834,595	—	1,876,609	4,754,386	92,000	6,722,995	271,123	—	3,798	274,921	1,380,465	14,280	1,394,745
2073	1,737,103	—	3,905,920	9,895,643	342,086	14,143,650	564,308	—	185,033	749,341	2,873,261	29,981	2,903,242
2074	1,850,874	—	4,161,738	10,543,756	8,435	14,713,929	601,268	—	32,638	633,906	3,061,444	(3,628)	3,057,816
2075	3,464,044	—	7,788,993	19,733,401	614,073	28,136,467	1,125,316	—	822	1,126,137	5,729,714	94,709	5,824,423
2076	2,031,699	—	4,568,327	11,573,850	32,261	16,174,439	660,010	—	234,439	894,449	3,360,539	(30,429)	3,330,109
2077	566,655	—	1,274,138	3,228,028	40,526	4,542,692	184,081	—	—	184,081	937,278	5,682	942,960
2078	5,629,000	—	12,656,951	32,066,367	—	44,723,318	1,828,615	—	631,896	2,460,510	9,310,666	(95,610)	9,215,056
2079	3,021,754	—	6,794,491	17,213,833	100,005	24,108,329	981,635	—	240,902	1,222,537	4,998,142	(25,340)	4,972,802
2080	694,544	—	1,561,700	3,956,564	160,246	5,678,509	225,627	—	57,315	282,942	1,148,813	17,906	1,166,718
2081	852,489	—	1,916,844	4,856,322	75,158	6,848,325	276,936	—	7,103	284,039	1,410,063	10,938	1,421,001
2082	497,858	—	1,119,448	2,836,119	—	3,955,566	161,732	—	29,195	190,927	823,485	(4,528)	818,956
2083	1,161,293	—	2,611,197	6,615,465	—	9,226,662	377,253	—	120,216	497,469	1,920,841	(18,912)	1,901,929
2084	1,894,530	—	4,259,900	10,792,450	—	15,052,350	615,450	—	176,862	792,312	3,133,654	(24,761)	3,108,893
2085	937,122	—	2,107,144	5,338,445	4,638	7,450,226	304,430	—	16,595	321,025	1,550,500	(1,530)	1,548,970
2086	3,284,066	—	7,384,306	18,708,129	119,350	26,211,785	1,066,849	—	244,794	1,311,643	5,432,020	(23,308)	5,408,712
2090	1,455,729	—	3,273,244	8,292,758	—	11,566,002	472,902	—	89,194	562,096	2,407,853	(12,977)	2,394,877
2095	1,356,722	—	3,050,624	7,728,752	3,722	10,783,099	440,739	—	42,564	483,304	2,244,091	(5,463)	2,238,628
2104	816,013	—	1,834,826	4,648,530	45,124	6,528,480	265,087	—	79,661	344,748	1,349,729	(3,630)	1,346,099
2105	717,309	—	1,612,887	4,086,247	138,213	5,837,348	233,022	—	11,008	244,030	1,186,467	18,996	1,205,463
2110	2,136,922	—	4,804,924	12,173,268	220,349	17,198,541	694,192	—	3,263	697,455	3,534,583	34,984	3,569,567
2112	1,504,622	—	3,383,182	8,571,286	170,711	12,125,178	488,786	—	20,311	509,097	2,488,725	24,702	2,513,427
2115	3,255,341	—	7,319,719	18,544,496	328,895	26,193,110	1,057,517	—	26,788	1,084,305	5,384,508	46,891	5,431,399



NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources				Deferred inflows of resources					Pension expense			
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion	Total pension expense
2120	\$ 5,578,241	—	12,542,819	31,777,211	369,362	44,689,392	1,812,125	—	75,069	1,887,195	9,226,708	38,739	9,265,448	
2125	591,130	—	1,329,171	3,367,452	6,219	4,702,842	192,032	—	254,787	446,819	977,760	(37,520)	940,241	
2130	1,074,795	—	2,416,703	6,122,715	121,579	8,660,997	349,154	—	6,693	355,847	1,777,768	16,388	1,794,155	
2135	1,943,521	—	4,370,056	11,071,531	253,662	15,695,249	631,364	—	20,961	652,325	3,214,687	37,936	3,252,623	
2140	1,711,966	—	3,849,401	9,752,451	50,312	13,652,164	556,143	—	87,467	643,610	2,831,684	(6,193)	2,825,491	
2145	2,511,442	—	5,647,042	14,306,772	144,992	20,098,805	815,857	—	—	815,857	4,154,059	21,005	4,175,064	
2146	2,712,131	—	6,098,297	15,450,027	442,226	21,990,550	881,052	—	—	939,525	4,486,010	59,799	4,545,809	
2147	672,274	—	1,511,625	3,829,699	54,647	5,395,970	218,392	—	31,426	249,819	1,111,976	4,493	1,116,469	
2148	1,574,226	—	3,539,689	8,967,796	37,474	12,544,959	511,397	—	—	625,298	2,603,854	(13,172)	2,590,683	
2149	1,054,956	—	2,372,096	6,009,703	244,080	8,625,879	342,709	—	—	13,424	356,133	1,744,954	36,906	1,781,860
2150	421,861	—	948,564	2,403,186	26,296	3,378,046	137,044	—	—	10,559	147,603	697,780	2,726	700,506
2155	1,604,035	—	3,606,715	9,137,606	161,012	12,905,332	521,081	—	—	6,232	527,313	2,653,160	24,112	2,677,272
2160	3,052,525	—	6,863,682	17,389,128	—	24,252,810	991,631	—	—	288,834	1,280,465	5,049,040	(41,737)	5,007,303
2165	1,006,368	—	2,262,844	5,732,911	—	7,995,754	326,925	—	—	179,799	506,723	1,664,586	(28,371)	1,636,215
2170	4,374,923	—	9,837,126	24,922,344	306,479	35,065,949	1,421,220	—	—	9,536	1,430,757	7,236,356	40,679	7,277,034
2175	397,828	—	894,526	2,266,281	53,046	3,213,854	129,237	—	—	1,829	131,066	658,029	7,226	665,254
2180	827,269	—	1,860,137	4,712,653	86,773	6,659,563	268,743	—	—	50,993	319,736	1,368,348	7,013	1,375,361
2185	4,619,219	—	10,386,432	26,314,010	507,537	37,207,979	1,500,581	—	—	100,750	1,601,331	7,640,434	68,000	7,708,434
2187	2,151,073	—	4,836,743	12,253,882	22,309	17,112,933	698,789	—	—	58,707	757,497	3,557,990	(4,371)	3,553,619
2190	3,030,592	—	6,814,365	17,264,182	357,682	24,436,229	984,506	—	—	—	984,506	5,012,761	52,821	5,065,582
2191	2,104,445	—	4,731,898	11,988,256	—	16,720,154	683,642	—	—	167,280	850,922	3,480,864	(24,838)	3,456,026
2195	637,166	—	1,432,684	3,629,703	—	5,062,387	206,987	—	—	78,838	285,826	1,053,907	(11,022)	1,042,885
2196	710,836	—	1,598,334	4,049,377	17,982	5,665,692	230,920	—	—	10,017	240,937	1,175,761	979	1,176,740
2198	1,503,095	—	3,379,748	8,562,585	55,244	11,997,576	488,289	—	—	207,314	695,603	2,486,199	(25,852)	2,460,348
2200	6,647,497	—	14,947,068	37,868,374	—	52,815,443	2,159,480	—	—	443,988	2,603,468	10,995,315	(64,615)	10,930,700
2204	5,848,254	—	13,149,949	33,315,377	722,470	47,187,796	1,899,841	—	—	148,386	2,048,227	9,673,324	96,079	9,769,403
2205	163,363	—	367,326	930,619	61,853	1,359,798	53,069	—	—	22,863	75,932	270,211	6,868	277,079
2206	853,260	—	1,918,578	4,860,715	136,477	6,915,770	277,187	—	—	9,306	286,493	1,411,338	20,179	1,431,517
2207	1,602,294	—	3,602,800	9,127,689	230,537	12,961,026	520,515	—	—	—	520,515	2,650,280	35,579	2,685,860
2208	2,658,388	—	5,977,453	15,143,869	185,923	21,307,246	863,593	—	—	606,441	1,470,034	4,397,115	(72,525)	4,324,591
2209	6,446,785	—	14,495,762	36,724,991	353,183	51,573,936	2,094,277	—	—	115,581	2,209,858	10,663,327	29,921	10,693,247
2210	1,671,354	—	3,758,082	9,521,095	—	13,279,177	542,949	—	—	—	665,800	2,764,500	122,733	2,745,553
2212	2,264,285	—	5,091,304	12,898,811	—	17,990,115	735,567	—	—	360,038	1,095,605	3,745,249	(56,135)	3,689,114
2215	3,318,320	—	7,461,329	18,903,265	227,541	26,592,135	1,077,976	—	—	57,617	1,135,594	5,488,679	28,493	5,517,172
2220	1,342,046	—	3,017,624	7,645,146	42,378	10,705,148	435,972	—	—	6,241	442,213	2,219,815	5,680	2,225,495
2224	2,932,037	—	6,592,761	16,702,751	48,186	23,343,698	952,490	—	—	36,354	988,844	4,849,746	2,777	4,852,524
2225	5,487,669	—	12,339,165	31,261,255	1,228,674	44,829,094	1,782,702	—	—	—	1,782,702	9,076,897	189,758	9,266,656
2230	4,335,567	—	9,748,633	24,698,147	2,034,538	36,481,319	1,408,435	—	—	—	1,483,510	7,171,259	308,306	7,479,565
2231	2,091,161	—	4,702,028	11,912,582	340,216	16,954,826	679,326	—	—	75,075	697,152	3,458,891	51,063	3,509,954
2235	426,135	—	958,176	2,427,537	43,073	3,428,786	138,433	—	—	1,075	139,508	704,850	5,661	710,511
2239	2,006,428	—	4,511,505	11,429,892	62,272	16,003,669	651,800	—	—	4,029	655,829	3,318,739	9,434	3,328,173
2240	3,659,353	—	8,228,149	20,846,003	452,737	29,526,889	1,188,763	—	—	95,772	1,284,535	6,052,765	59,408	6,112,173
2241	594,484	—	1,336,712	3,386,558	77,381	4,800,651	193,122	—	—	33,170	226,292	983,308	7,972	991,280
2242	1,052,482	—	2,366,533	5,995,608	156,315	8,518,456	341,905	—	—	50,331	392,236	1,740,862	18,335	1,759,196
2243	1,061,795	—	2,387,474	6,048,661	79,662	8,515,797	344,931	—	—	29,922	374,853	1,756,266	8,723	1,764,988
2244	598,983	—	1,346,828	3,412,186	144,256	4,903,270	194,583	—	—	5,554	200,138	990,749	21,415	1,012,164
2245	1,647,922	—	3,705,395	9,387,612	88,248	13,181,254	535,337	—	—	446,957	982,294	2,725,751	(59,944)	2,665,807
2250	957,949	—	2,153,974	5,457,090	854	7,611,918	311,196	—	—	181,836	493,032	1,584,500	(28,265)	1,556,235
2255	2,987,364	—	6,717,164	17,017,925	6,670	23,741,760	970,463	—	—	986,308	4,941,259	1,607	4,939,652	
2260	2,178,568	—	4,898,566	12,410,509	242,144	17,551,220	707,721	—	—	20,993	728,714	3,603,468	33,283	3,636,750
2266	1,772,304	—	3,985,071	10,096,170	9,566	14,090,807	575,744	—	—	103,215	678,959	2,931,485	(12,873)	2,918,612
2268	1,007,807	—	2,266,079	5,741,108	188,138	8,195,325	327,392	—	—	183,321	510,713	1,666,966	5,534	1,672,500
2270	1,664,374	—	3,742,388	9,481,334	28,736	13,252,458	540,682	—	—	712,618	2,752,963	(23,179)	2,729,784	
2271	1,151,591	—	2,589,383	6,560,198	9,256	9,158,837	374,101	—	—	32,201	406,302	1,904,794	(3,906)	1,900,888
2272	1,810,676	—	4,071,352	10,314,765	35,461	14,421,578	588,209	—	—	651,616	2,994,955	(5,306)	2,989,649	
2275	3,326,473	—	7,479,660	18,949,707	464,563	26,893,929	1,080,625	—	—	140,182	1,220,807	5,502,164	55,920	5,558,084
2280	1,075,673	—	2,418,679	6,127,720	84,534	8,630,933	349,439	—	—	182,317	531,756	1,779,221	(17,918)	1,761,303
2281	655,583	—	1,474,095	3,734,616	22,549	5,231,260	212,970	—	—	26,623	239,593	1,084,369	(47)	1,084,322
2282	3,018,615	—	6,787,435	17,195,956	600,379	24,583,770	980,616	—	—	—	4,992,951	90,043	5,082,994	
2285	4,141,399	—	9,312,043	23,592,046	208,097	33,112,186	1,345,359	—	—	51,367	1,396,726	6,850,095	26,557	6,876,652
2286	2,298,667	—	5,168,613	13,094,672	314,262	18,577,547	746,736	—	—	—	746,736	3,802,119	47,712	3,849,831
2288	1,347,826	—	3,030,621	7,678,075	231,146	10,939,842	437,849	—	—	—	437,849	2,229,376	36,074	2,265,450

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer  
As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources				Deferred inflows of resources				Pension expense			
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion
2289	\$ 4,218,002	—	9,484,286	24,028,423	968,171	34,480,880	1,370,243	—	—	1,370,243	6,976,800	151,552	7,128,552
2290	2,325,287	—	5,228,468	13,246,317	—	18,474,785	755,384	—	—	755,384	3,846,149	(37,953)	3,808,196
2295	1,046,085	—	2,352,150	5,959,168	42,103	8,353,421	339,827	—	246,725	1,002,108	1,730,281	6,360	1,736,641
2300	2,522,729	—	5,672,421	14,371,069	812,280	20,855,770	819,524	—	—	819,524	4,172,728	126,796	4,299,524
2305	570,982	—	1,283,869	3,252,679	—	4,536,548	185,487	—	117,499	302,986	944,435	(18,160)	926,276
2310	6,425,619	—	14,448,171	36,604,418	419,832	51,472,420	2,087,401	—	—	2,087,401	10,628,317	65,212	10,693,529
2315	1,016,996	—	2,286,743	5,793,459	175,808	8,256,010	330,377	—	23,238	353,616	1,682,167	24,952	1,707,119
2317	1,001,770	—	2,252,507	5,706,722	28,431	7,987,660	325,431	—	11,863	337,294	1,656,982	2,145	1,659,127
2320	4,295,540	—	9,658,633	24,470,131	125,597	34,254,361	1,395,432	—	—	1,395,432	6,648,788	7,105,053	(23,743)
2325	3,789,700	—	8,521,238	21,588,544	—	30,109,783	1,231,107	—	—	1,231,107	2,285,530	6,268,366	(45,339)
2328	851,263	—	1,914,088	4,849,338	66,432	6,829,858	276,538	—	—	276,538	1,408,035	285,629	1,417,471
2330	2,165,749	—	4,869,742	12,337,484	76,280	17,283,507	703,557	—	—	703,557	3,582,264	(634)	3,581,630
2335	2,503,803	—	5,629,866	14,263,257	11,500	19,904,623	813,376	—	—	813,376	4,035,996	1,216,971	4,078,080
2338	3,422,652	—	7,695,922	19,497,605	13,902	27,207,429	1,111,869	—	—	1,111,869	1,304,242	5,661,249	(27,583)
2339	999,719	—	2,247,893	5,695,034	61,821	8,004,749	324,765	—	—	324,765	276,044	600,809	(31,533)
2340	1,128,493	—	2,537,445	6,428,613	3,198	8,969,257	366,598	—	—	366,598	1,866,587	(33,463)	1,833,124
2345	1,413,901	—	3,179,193	8,054,480	66,519	11,300,191	459,314	—	—	459,314	485,387	2,338,668	6,274
2350	4,021,230	—	9,041,840	22,907,489	31,205	31,980,535	1,306,321	—	957,762	2,264,083	6,651,330	(143,784)	6,507,546
2355	2,844,041	—	6,394,899	16,201,467	49,842	22,646,208	923,904	—	423,010	1,346,914	4,704,195	(57,744)	4,646,722
2360	2,004,671	—	4,507,554	11,419,881	1,251	15,928,686	651,229	—	—	651,229	695,473	3,315,832	(5,892)
2361	857,360	—	1,927,796	4,884,069	97,305	6,909,170	278,519	—	—	278,519	346,977	1,418,119	6,395
2362	988,074	—	2,221,709	5,628,697	56,083	7,906,490	320,982	—	—	320,982	1,634,327	(552)	1,633,775
2363	635,809	—	1,429,634	3,621,975	70,804	5,122,413	206,547	—	—	206,547	1,051,663	11,304	1,062,966
2364	1,214,762	—	2,731,424	6,920,059	156,782	9,808,266	394,623	—	247,389	642,011	2,009,282	(9,283)	1,999,988
2365	6,056,650	—	13,618,533	34,502,532	70,277	48,191,342	1,967,539	—	—	1,967,539	2,464,636	10,018,022	(67,217)
2370	998,832	—	2,245,899	5,689,982	29,215	7,965,096	324,457	—	—	324,457	1,652,121	2,578	1,654,699
2375	837,342	—	1,882,784	4,770,031	1,650	6,654,465	272,015	—	—	272,015	1,385,008	(14,234)	1,370,773
2377	1,235,837	—	2,778,811	7,040,114	84,324	9,903,250	401,469	—	—	401,469	2,044,140	10,119	2,054,260
2378	6,268,784	—	14,095,522	35,710,983	72,125	49,878,630	2,036,452	—	—	2,036,452	783,132	2,819,584	(114,451)
2379	6,329,288	—	14,231,567	36,055,654	—	50,287,221	2,056,108	—	—	2,056,108	10,468,980	2,845,770	(111,758)
2380	2,489,674	—	5,598,097	14,182,771	467,103	20,247,970	808,786	—	—	808,786	4,118,054	73,143	4,191,197
2381	1,301,084	—	2,925,521	7,411,802	131,315	10,468,638	422,665	—	—	422,665	681,232	2,152,062	(23,818)
2383	4,446,140	—	9,997,260	25,328,042	593,098	35,918,400	1,444,355	—	28,114	1,472,469	7,354,153	91,395	7,445,547
2384	2,816,275	—	6,332,466	16,043,294	114,851	22,490,612	914,884	—	1,089,770	2,004,654	4,658,269	(152,855)	4,505,414
2385	1,959,421	—	4,405,809	11,162,112	49,833	15,617,754	636,530	—	—	636,530	887,200	3,240,988	(31,862)
2389	1,769,747	—	3,979,322	10,081,607	—	14,060,929	574,913	—	—	574,913	2,927,256	(37,260)	2,889,996
2390	3,659,811	—	8,229,178	20,848,611	51,691	29,129,480	1,188,912	—	—	1,188,912	6,053,522	(61,079)	5,992,444
2391	1,744,052	—	3,921,546	9,935,230	243,147	14,099,924	566,566	—	—	566,566	2,884,755	38,173	2,922,928
2394	1,206,479	—	2,712,798	6,872,870	67,317	9,652,985	391,932	—	—	391,932	1,995,580	4,727	2,000,307
2395	993,359	—	2,233,594	5,658,806	32,890	7,925,289	322,699	—	45,260	367,959	1,643,069	5,142	1,648,211
2396	712,456	—	1,601,975	4,058,602	136,568	5,797,146	231,446	—	—	231,446	1,178,440	19,516	1,197,957
2400	5,833,517	—	13,116,813	33,231,426	1,139,394	47,487,634	1,895,053	—	—	1,895,053	9,648,949	158,437	9,807,386
2401	1,382,138	—	3,107,773	7,873,538	452,510	11,433,821	448,996	—	—	448,996	2,286,130	555,451	2,841,581
2402	3,471,156	—	7,804,983	19,773,912	130,321	27,709,215	1,127,626	—	—	1,127,626	5,741,477	(37,230)	5,704,246
2403	1,584,472	—	3,562,726	9,026,160	124,653	12,713,538	514,725	—	—	514,725	2,620,801	17,454	2,638,255
2405	2,130,723	—	4,790,985	12,137,954	21,267	16,950,207	692,178	—	—	692,178	1,080,604	3,524,329	(57,845)
2406	2,867,688	—	6,448,071	16,336,178	112,647	22,896,896	931,586	—	—	931,586	4,743,310	(29,273)	4,714,037
2408	3,032,793	—	6,819,313	17,276,718	—	24,096,030	985,221	—	—	985,221	5,016,401	(15,335)	5,001,066
2409	638,309	—	1,435,254	3,636,214	57,136	5,128,604	207,359	—	—	207,359	1,055,797	8,836	1,064,633
2410	3,925,462	—	8,826,503	22,361,933	284,178	31,472,614	1,275,210	—	—	1,275,210	6,492,924	38,267	6,531,192
2415	4,661,055	—	10,480,502	26,552,337	675,345	37,708,185	1,514,172	—	—	1,514,172	7,709,634	(30,916)	7,678,718
2420	2,258,695	—	5,078,733	12,866,962	93,882	18,039,576	733,751	—	—	733,751	3,736,001	3,358	3,739,359
2425	4,449,737	—	10,005,348	25,348,533	1,077,275	36,431,157	1,445,524	—	—	1,445,524	7,360,102	166,584	7,526,687
2426	1,246,916	—	2,803,724	7,103,230	272,657	10,179,610	405,068	—	—	405,068	2,062,466	39,126	2,101,592
2428	2,378,849	—	5,348,903	13,551,436	199,797	19,100,136	772,783	—	—	772,783	3,934,743	29,755	3,964,498
2430	3,540,606	—	7,961,144	20,169,546	297,073	28,427,763	1,150,187	—	—	1,150,187	5,856,352	(1,463)	5,854,889
2435	951,804	—	2,140,156	5,422,083	106,739	7,668,978	309,199	—	—	309,199	1,574,335	9,336	1,583,671
2440	1,585,252	—	3,564,480	9,030,604	381,687	12,976,770	514,979	—	—	514,979	2,622,091	49,599	2,671,690
2441	909,305	—	2,044,595	5,179,979	53,410	7,277,984	295,393	—	—	295,393	1,504,039	3,663	1,507,702
2445	4,536,556	—	10,200,562	25,843,109	426,374	36,470,045	1,473,728	—	—	1,473,728	7,503,705	67,174	7,570,879
2450	1,799,353	—	4,045,891	10,250,260	5,402	14,301,553	584,531	—	—	584,531	2,976,226	(34,106)	2,942,120
2455	2,218,696	—	4,988,794	12,639,102	226,074	17,853,971	720,757	—	—	720,757	3,669,841	33,697	3,703,538

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources				Deferred inflows of resources					Pension expense		
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion
2458	\$ 2,265,305	—	5,093,597	12,904,621	247,854	18,246,072	735,898	—	6,581	742,479	3,746,936	38,493	3,785,429
2460	819,770	—	1,843,274	4,669,932	3,672	6,516,878	266,307	—	21,346	287,654	1,355,943	(2,860)	1,353,083
2464	734,467	—	1,651,469	4,183,994	46,348	5,881,811	238,596	—	5,127	243,723	1,214,848	6,583	1,221,431
2465	386,105	—	868,167	2,199,501	110,075	3,177,744	125,429	—	—	125,429	638,639	15,909	654,548
2466	901,451	—	2,026,935	5,135,236	39,061	7,201,232	292,842	—	204,105	496,947	1,491,047	(27,271)	1,463,777
2467	1,304,520	—	2,933,247	7,431,378	7,739	10,372,364	423,781	—	107,620	531,402	2,157,746	(14,833)	2,142,913
2468	1,058,166	—	2,379,314	6,027,990	163,663	8,570,967	343,752	—	—	343,752	1,750,264	24,432	1,774,695
2469	2,889,537	—	6,497,199	16,460,644	186,384	23,144,227	938,684	—	15,195	953,879	4,779,449	27,965	4,807,414
2470	2,627,696	—	5,908,443	14,969,031	—	20,877,473	853,623	—	201,728	1,055,351	4,346,350	(28,980)	4,317,370
2471	2,828,880	—	6,360,810	16,115,102	238,220	22,714,131	918,979	—	5,169	924,148	4,679,119	34,093	4,713,211
2475	4,231,126	—	9,513,796	24,103,188	497,862	34,114,847	1,374,507	—	—	1,374,507	6,998,509	75,539	7,074,048
2480	1,397,141	—	3,141,509	7,959,007	87,917	11,188,433	453,870	—	53,461	507,331	2,310,947	6,878	2,317,824
2485	2,832,258	—	6,368,405	16,134,345	—	22,502,751	920,076	—	856,077	1,776,153	4,684,706	(133,500)	4,551,206
2490	4,233,184	—	9,518,424	24,114,913	294,217	33,927,554	1,375,176	—	16,603	1,391,779	7,001,913	45,036	7,046,949
2495	524,554	—	1,179,472	2,988,191	25,254	4,192,918	170,404	—	47,596	218,000	867,640	(2,378)	865,261
2497	1,424,141	—	3,202,218	8,112,815	64,010	11,379,043	462,641	—	51,176	513,817	2,355,606	3,273	2,358,878
2498	1,230,415	—	2,766,620	7,009,227	44,898	9,820,746	399,708	—	40,309	440,017	2,035,172	1,738	2,036,910
2500	3,441,197	—	7,737,619	19,603,246	—	27,340,866	1,117,894	—	261,850	1,379,743	5,691,923	(38,853)	5,653,070
2504	1,975,334	—	4,441,590	11,252,761	132,740	15,827,091	641,699	—	40,163	681,863	3,267,308	12,012	3,279,321
2505	2,906,985	—	6,536,431	16,560,038	398,496	23,494,966	944,352	—	—	944,352	4,808,309	60,401	4,868,710
2507	556,088	—	1,250,377	3,167,828	3,618	4,421,823	180,648	—	53,794	234,443	919,798	(7,303)	912,495
2508	1,584,663	—	3,563,155	9,027,248	97,767	12,688,170	514,787	—	924,688	2,621,117	14,273	2,635,390	
2509	2,867,715	—	6,448,131	16,336,330	11,748	22,796,209	931,595	—	142,954	1,074,549	4,743,354	(21,239)	4,722,114
2510	1,165,402	—	2,620,437	6,638,872	159,673	9,418,982	378,588	—	19,728	398,316	1,927,637	22,950	1,950,587
2512	8,443,656	—	18,985,778	48,100,440	1,744,658	68,830,877	2,742,973	—	1,024,890	3,767,863	13,966,258	140,846	14,107,104
2514	770,988	—	1,733,586	4,392,036	166,469	6,292,091	250,460	—	2,959	253,419	1,275,255	25,004	1,300,259
2515	653,662	—	1,469,776	3,723,676	323,014	5,516,466	212,346	—	—	212,346	1,081,192	48,733	1,129,925
2520	1,564,347	—	3,517,475	8,911,518	68,837	12,497,831	508,188	—	30,643	538,830	2,587,514	6,856	2,594,370
2525	2,267,854	—	5,099,328	12,919,139	11,699	18,030,166	736,726	—	141,175	877,901	3,751,151	(19,238)	3,731,913
2530	4,352,138	—	9,785,894	24,792,547	454,723	35,033,164	1,413,818	—	—	1,413,818	7,198,668	66,021	7,264,689
2533	1,082,728	—	2,434,543	6,167,910	2,079	8,604,532	351,731	—	207,738	559,469	1,790,890	(32,317)	1,758,574
2535	1,272,002	—	2,860,129	7,246,132	106,804	10,213,065	413,217	—	34,445	447,663	2,103,959	12,475	2,116,434
2540	2,909,783	—	6,542,721	16,575,974	3,701	23,122,396	945,261	—	186,478	1,131,738	4,812,936	(28,012)	4,784,923
2541	1,880,097	—	4,227,446	10,710,227	14,913	14,952,586	610,761	—	232,498	843,259	3,109,780	(34,736)	3,075,044
2542	1,106,415	—	2,487,803	6,302,844	207,167	8,997,814	359,426	—	65,324	424,750	1,830,069	24,496	1,854,566
2545	563,794	—	1,267,706	3,211,730	75,649	4,555,085	183,152	—	—	183,152	932,546	11,167	943,712
2547	4,119,957	—	9,263,829	23,469,897	—	32,733,727	1,338,393	—	871,869	2,210,262	6,814,629	(138,515)	6,676,114
2550	473,785	—	1,065,318	2,698,982	203,514	3,967,814	153,912	—	4,806	158,718	783,666	31,643	815,309
2551	710,744	—	1,598,126	4,048,851	190,345	5,837,322	230,890	—	—	230,890	1,175,609	29,036	1,204,644
2555	776,078	—	1,745,032	4,421,037	98,245	6,264,314	252,114	—	—	252,114	1,283,675	12,039	1,295,714
2557	6,230,768	—	14,010,042	35,494,419	416,796	49,921,256	2,024,103	—	7,887	2,032,000	10,306,022	56,952	10,362,974
2559	669,857	—	1,506,190	3,815,931	20,006	5,342,128	217,607	—	137,398	355,005	1,107,979	(19,433)	1,088,546
2560	775,413	—	1,743,537	4,417,248	44,040	6,204,825	251,898	—	15,310	267,208	1,282,575	4,600	1,287,175
2561	2,541,926	—	5,715,587	14,480,430	18,713	20,214,730	825,760	—	130,759	956,519	4,204,482	(16,525)	4,187,957
2562	2,916,304	—	6,557,384	16,613,121	96,645	23,267,151	947,379	—	—	947,379	4,823,722	14,824	4,838,546
2563	3,207,372	—	7,211,858	18,271,232	—	25,483,090	1,041,934	—	515,248	1,557,182	5,305,164	(82,529)	5,222,636
2564	4,112,888	—	9,247,934	23,429,627	11,551	32,689,112	1,336,096	—	—	1,336,096	6,802,936	(77,430)	6,725,506
2565	2,518,399	—	5,662,686	14,346,406	663,825	20,672,918	818,117	—	218,979	1,037,096	4,165,567	77,415	4,242,982
2570	1,754,036	—	3,943,995	9,992,105	47,682	13,983,782	569,809	—	271,299	841,109	2,901,269	(37,183)	2,864,086
2573	1,786,332	—	4,016,613	10,176,083	2,110	14,194,806	580,301	—	34,683	614,984	2,954,688	(4,915)	2,949,774
2574	613,502	—	1,379,474	3,494,896	60,007	4,934,378	199,300	—	—	199,300	1,014,765	8,660	1,023,425
2575	6,063,235	—	13,633,341	34,540,048	161,647	48,335,036	1,969,679	—	1,660,001	3,629,679	10,028,915	(224,499)	9,804,416
2576	1,238,981	—	2,785,882	7,058,027	—	9,843,909	402,491	—	86,601	489,092	2,049,341	(13,881)	2,035,460
2580	3,401,091	—	7,647,440	19,374,777	58,373	27,080,590	1,104,865	—	437,538	1,542,403	5,625,585	(56,052)	5,569,533
2582	785,932	—	1,767,189	4,477,170	216,215	6,460,574	255,315	—	—	255,315	1,299,974	34,058	1,334,032
2584	1,992,105	—	4,479,299	11,348,298	31,631	15,859,228	647,147	—	—	647,147	3,295,048	(25,101)	3,269,947
2585	6,926,774	—	15,575,031	39,459,316	765,702	55,800,048	2,250,205	—	182,358	2,432,563	11,457,255	97,088	11,554,342
2590	2,212,334	—	4,974,491	12,602,865	12,002	17,589,359	718,690	—	306,724	1,025,414	3,659,319	(44,907)	3,614,412
2593	5,264,646	—	11,837,692	29,990,773	55,256	41,883,721	1,710,252	—	—	1,710,252	8,708,005	(84,461)	8,623,544
2595	465,605	—	1,046,925	2,652,383	56	3,699,363	151,255	—	50,480	201,735	770,136	(8,067)	762,069
2600	789,275	—	1,774,706	4,496,214	65,915	6,336,834	256,401	—	31,170	287,571	1,305,503	3,881	1,309,384
2605	394,601	—	887,270	2,247,898	53,946	3,189,115	128,189	—	—	128,189	652,691	8,226	660,918

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer  
As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources				Deferred inflows of resources				Pension expense			
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion
2610	\$ 5,654,257	—	12,713,743	32,210,249	—	44,923,992	1,836,820	—	904,582	2,741,402	9,352,443	(134,206)	9,218,237
2611	1,515,016	—	3,406,552	8,630,493	599,326	12,636,371	492,162	—	379,726	871,888	2,505,917	45,076	2,550,993
2612	1,813,457	—	4,077,605	10,330,607	16,572	14,424,784	589,113	—	84,020	673,133	2,999,555	(11,262)	2,988,293
2613	1,719,664	—	3,866,710	9,796,303	—	13,663,013	558,643	—	208,557	767,201	2,844,417	(31,235)	2,813,182
2614	2,301,094	—	5,174,069	13,108,497	44,396	18,326,962	747,524	—	13,978	761,502	3,806,133	4,361	3,810,494
2615	6,105,751	—	13,728,938	34,782,243	—	48,511,181	1,983,490	—	447,025	2,430,515	10,099,238	(65,186)	10,034,052
2616	2,218,599	—	4,988,576	12,638,551	143,116	17,770,243	720,725	—	34,031	754,757	3,669,681	14,025	3,683,706
2617	2,359,304	—	5,304,957	13,440,100	197,819	18,942,876	766,434	—	—	766,434	3,902,416	31,341	3,933,756
2618	577,861	—	1,299,336	3,291,865	34,229	4,625,430	187,722	—	27,077	214,799	955,813	303	956,117
2619	1,301,838	—	2,927,217	7,416,099	—	10,343,316	422,910	—	141,942	564,852	2,153,310	(21,102)	2,132,208
2620	443,228	—	996,610	2,524,911	—	3,521,521	143,985	—	—	143,985	177,673	(4,648)	173,025
2625	745,785	—	1,676,917	4,248,466	119,334	6,044,717	242,273	—	—	242,273	1,233,568	18,926	1,252,494
2626	558,745	—	1,256,352	3,182,966	34,422	4,473,739	181,512	—	33,688	215,200	254,808	924,194	919,793
2630	617,655	—	1,388,814	3,518,558	179,139	5,086,512	200,649	—	73,296	273,945	1,021,635	22,315	1,043,950
2632	1,242,906	—	2,794,705	7,080,382	—	9,875,087	403,765	—	48,633	249,282	2,055,832	(30,922)	2,024,911
2633	4,244,173	—	9,543,133	24,177,512	—	33,720,645	1,378,745	—	194,132	597,897	311,186	1,689,931	6,973,571
2635	553,920	—	1,245,503	3,155,479	23,808	4,424,790	179,944	—	14,198	194,142	916,213	(423)	915,790
2640	1,481,265	—	3,330,662	8,438,226	341,090	12,109,978	481,198	—	—	481,198	2,450,091	52,554	2,502,645
2641	818,879	—	1,841,271	4,664,857	133,485	6,639,613	266,018	—	—	266,018	1,354,470	21,051	1,375,520
2642	3,440,692	—	7,736,485	19,600,373	269,139	27,605,998	1,117,730	—	—	1,117,730	5,691,089	37,473	5,728,562
2643	3,103,090	—	6,977,379	17,677,178	763,396	25,417,953	1,008,058	—	129,400	1,137,098	5,132,677	105,622	5,238,299
2644	2,845,905	—	6,399,090	16,212,085	628,543	23,239,719	924,509	—	—	924,509	4,707,278	95,538	4,802,816
2645	3,509,310	—	7,890,775	19,991,265	95,949	27,977,989	1,140,021	—	462,721	1,602,742	5,804,587	(47,310)	5,757,277
2648	712,103	—	1,601,182	4,056,593	58,797	5,716,572	231,331	—	—	231,331	1,177,857	6,967	1,184,823
2649	1,476,243	—	3,319,371	8,409,622	39,356	11,768,349	479,567	—	50,526	530,092	2,441,785	(616)	2,441,169
2650	298,336	—	670,817	1,699,514	211,700	2,582,030	96,916	—	154,101	493,464	154,101	26,299	519,764
2651	5,267,529	—	11,844,175	30,007,200	332,953	42,184,328	1,711,189	—	1,576,864	3,288,053	8,712,775	(209,104)	8,503,671
2652	599,655	—	1,348,340	3,416,017	101,612	4,865,969	194,802	—	5,518	200,320	991,862	14,173	1,006,035
2653	863,856	—	1,942,403	4,921,074	—	6,863,477	280,629	—	155,221	435,850	1,428,864	(23,943)	1,404,921
2654	5,511,533	—	12,392,823	31,397,198	—	43,790,022	1,790,455	—	359,491	2,149,946	9,116,369	(54,315)	9,062,054
2655	3,013,905	—	6,776,844	17,169,123	8,547	23,954,514	979,085	—	236,314	1,215,399	4,985,160	(35,381)	4,949,779
2656	2,904,432	—	6,530,691	16,545,496	232,096	23,308,283	943,522	—	—	943,522	4,804,086	33,603	4,837,689
3032	405,757	—	912,355	2,311,450	9,421	3,233,226	131,813	—	62,384	194,196	671,144	(7,176)	663,968
3041	171,139	—	384,810	974,917	1,962	1,361,689	55,596	—	26,847	82,442	283,073	(3,708)	279,365
3042	486,324	—	1,093,513	2,770,412	83,416	3,947,341	157,985	—	—	157,985	804,406	11,832	816,238
3043	506,458	—	1,138,783	2,885,105	287	4,024,174	164,526	—	45,944	210,469	837,708	(7,318)	830,390
3044	349,368	—	785,562	1,990,220	17,349	2,793,132	113,494	—	37,706	151,200	577,873	(2,305)	575,567
3048	149,360	—	335,840	850,851	50,614	1,237,306	48,521	—	1,989	50,509	247,050	7,339	254,389
3077	413,230	—	929,158	2,354,019	52,747	3,335,924	134,240	—	—	134,240	683,504	8,047	691,550
3078	175,944	—	395,614	1,002,287	21,465	1,419,366	57,156	—	6,776	63,932	291,020	2,495	293,515
3079	117,019	—	263,119	666,613	15,226	944,958	38,014	—	5,333	43,348	193,555	1,240	194,795
3081	202,976	—	456,397	1,156,281	50,818	1,663,496	65,938	—	12,055	77,993	335,733	6,508	342,241
3082	366,774	—	824,702	2,089,380	42,756	2,956,838	119,149	—	1,975	121,124	606,664	6,506	613,170
3101	167,563	—	376,769	954,545	30,692	1,362,006	54,434	—	13,198	67,631	277,158	2,109	279,267
3105	183,649	—	412,939	1,046,180	11,203	1,470,322	59,659	—	14,308	73,967	303,765	(774)	302,991
3106	304,763	—	685,268	1,736,126	—	2,421,394	99,004	—	93,861	192,865	504,095	(14,727)	489,368
3107	275,900	—	620,369	1,571,705	94,786	2,286,860	89,628	—	—	89,628	456,354	15,111	471,465
3126	419,949	—	944,267	2,392,298	186,076	3,522,640	136,423	—	141,294	277,717	694,618	10,836	705,455
3128	293,668	—	660,319	1,672,917	104,497	2,437,733	95,400	—	16,495	111,895	485,742	12,801	498,542
3178	516,943	—	1,162,361	2,944,839	95,488	4,202,687	167,932	—	6,511	174,443	855,052	14,508	869,560
3179	351,035	—	789,312	1,999,720	737	2,789,769	114,036	—	8,935	122,971	580,631	(1,249)	579,382
3201	200,827	—	451,565	1,144,040	85,944	1,681,550	65,240	—	4,728	69,968	332,179	12,809	344,988
3202	362,012	—	813,994	2,062,253	13,066	2,889,313	117,602	—	44,241	161,843	598,788	(5,367)	593,421
3204	365,736	—	822,367	2,083,465	43,810	2,949,642	118,812	—	3,184	121,995	604,947	6,238	611,185
3206	409,180	—	920,052	2,330,952	9,597	3,260,601	132,925	—	50,923	183,848	676,806	(6,665)	670,141
3208	175,094	—	393,704	997,449	51,375	1,442,528	56,880	—	—	56,880	289,615	8,149	297,764
3226	509,538	—	1,145,709	2,902,651	38,979	4,087,339	165,526	—	—	165,526	842,803	5,943	848,746
3229	304,600	—	684,902	1,735,198	11,100	2,431,200	98,951	—	103,521	202,472	503,825	(15,181)	488,644
3231	441,045	—	991,701	2,512,473	53,073	3,557,247	143,276	—	—	143,276	155,828	6,827	162,655
3232	215,370	—	484,265	1,226,885	—	1,711,150	69,964	—	25,650	95,614	356,234	(3,731)	352,503
3276	416,666	—	936,885	2,373,596	42,164	3,352,645	135,357	—	502	135,859	689,188	6,291	695,479
3277	489,257	—	1,100,106	2,787,117	—	3,887,224	158,938	—	72,754	231,692	809,257	(11,181)	798,075

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer  
As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion	Total pension expense
3278	\$ 338,998	—	762,245	1,931,147	32,281	2,725,673	110,125	—	—	110,125	560,720	4,614	565,335	
3280	411,213	—	924,623	2,342,531	56,482	3,323,637	133,585	—	25,130	158,715	680,168	5,644	685,812	
3281	384,622	—	864,832	2,191,051	167,828	3,223,711	124,947	—	23,659	148,606	636,185	23,724	659,909	
3284	443,395	—	996,986	2,525,861	15,225	3,538,072	144,040	—	101,584	245,624	733,399	(14,315)	719,085	
3303	467,031	—	1,050,131	2,660,505	124,398	3,835,033	151,718	—	8,591	160,309	772,494	18,202	790,696	
3304	241,988	—	544,115	1,378,515	2,981	1,925,611	78,611	—	25,349	103,960	400,260	(3,324)	396,937	
3305	308,716	—	694,157	1,758,645	4,460	2,457,262	100,288	—	13,807	114,096	510,633	(1,171)	509,463	
3306	297,318	—	668,527	1,693,713	21,468	2,383,708	96,586	—	20,622	117,208	491,780	(396)	491,384	
3307	123,835	—	278,447	705,444	48,114	1,032,005	40,229	—	—	40,229	204,830	7,428	212,258	
3308	233,041	—	523,998	1,327,549	2,461	1,854,008	75,705	—	15,001	90,706	385,462	(1,787)	383,675	
3309	417,407	—	938,551	2,377,817	3,124	3,319,492	135,597	—	34,113	169,710	690,414	(5,070)	685,344	
3326	375,938	—	845,307	2,141,584	40,309	3,027,199	122,126	—	3,040	125,166	621,822	6,085	627,907	
3327	498,041	—	1,119,857	2,837,156	102,406	4,059,420	161,792	—	—	161,792	823,786	16,345	840,131	
3328	277,071	—	623,001	1,578,373	210,895	2,412,269	90,008	—	—	90,008	458,290	32,143	490,433	
3329	332,922	—	748,583	1,896,535	28,240	2,673,359	108,152	—	—	108,152	550,671	3,933	554,603	
3330	505,789	—	1,137,280	2,881,298	56,558	4,075,136	164,309	—	—	164,309	836,603	8,327	844,930	
3331	578,557	—	1,300,900	3,295,827	1,915	4,598,642	187,948	—	182,310	370,257	956,964	(27,479)	929,484	
3332	251,719	—	565,996	1,433,951	39,517	2,039,465	81,772	—	—	81,772	416,356	5,585	421,941	
3452	599,641	—	1,348,308	3,415,936	75,866	4,840,110	194,797	—	38,951	233,748	991,838	6,828	998,666	
3453	204,663	—	460,190	1,165,892	34,796	1,660,879	66,486	—	1,122	67,608	338,524	5,135	343,659	
3458	444,204	—	998,804	2,530,469	123,774	3,653,046	144,302	—	—	144,302	734,737	19,395	754,132	
3460	688,711	—	1,548,584	3,923,335	39,536	5,511,455	223,732	—	943	224,675	1,139,164	5,667	1,144,831	
3464	178,680	—	401,767	1,017,875	11,565	1,431,206	58,045	—	3,029	61,074	295,546	1,441	296,987	
3465	127,685	—	287,103	727,376	12,583	1,027,062	41,479	—	47,907	89,387	211,198	(6,000)	205,198	
3466	335,677	—	754,778	1,912,230	25,853	2,692,862	109,047	—	573	109,620	555,228	3,926	559,153	
3467	175,919	—	395,558	1,002,146	5,226	1,402,930	57,148	—	60,138	117,287	290,979	(8,946)	282,033	
3468	35,876	—	80,669	204,374	17,293	302,335	11,655	—	5,028	16,682	59,341	2,105	61,446	
3470	155,346	—	349,299	884,949	20,581	1,254,828	50,465	—	28,976	79,441	256,950	(1,869)	255,081	
3471	139,425	—	313,501	794,254	42,068	1,149,823	45,293	—	14,143	59,436	230,616	4,868	235,485	
3472	136,001	—	305,802	774,749	9,046	1,089,597	44,181	—	11,705	55,886	224,953	(661)	224,292	
3526	337,403	—	758,659	1,922,061	30,708	2,711,429	109,607	—	53,431	163,038	558,082	(4,460)	553,623	
3527	274,293	—	616,756	1,562,550	81,576	2,260,881	89,106	—	24,117	113,223	453,696	9,816	463,512	
3528	261,582	—	588,175	1,490,140	14,945	2,093,260	84,977	—	28,427	113,403	432,671	(1,451)	431,220	
3531	390,906	—	878,963	2,226,851	10,909	3,116,723	126,988	—	260,008	386,996	646,580	(39,841)	606,739	
3552	140,298	—	315,463	799,225	—	1,114,688	45,577	—	30,238	75,815	232,060	(4,613)	227,447	
3559	322,269	—	724,629	1,835,847	—	2,560,476	104,691	—	55,280	159,971	533,049	(7,504)	525,546	
3560	387,237	—	870,713	2,205,950	8,813	3,085,476	125,796	—	102,849	228,646	640,511	(13,100)	627,411	
3561	443,746	—	997,774	2,527,860	—	3,525,634	144,154	—	54,859	199,013	733,980	(8,053)	725,926	
3576	165,960	—	373,164	945,411	23,306	1,341,881	53,913	—	10,477	64,390	274,506	2,327	276,833	
3577	358,858	—	806,901	2,044,282	32,041	2,883,223	116,577	—	19,176	135,753	593,570	1,240	594,810	
3579	208,411	—	468,619	1,187,244	19,480	1,675,343	67,704	—	39,802	107,505	344,724	(3,727)	340,997	
3585	421,218	—	947,119	2,399,525	45,009	3,391,653	136,835	—	58,071	194,906	696,717	(3,251)	693,466	
3586	490,362	—	1,102,592	2,793,414	30,959	3,926,965	159,297	—	206,831	366,128	811,085	(25,524)	785,561	
3589	359,183	—	807,631	2,046,133	67,461	2,921,226	116,683	—	24,828	141,511	594,107	7,514	601,622	
3591	172,621	—	388,143	983,360	62,912	1,434,415	56,077	—	10,013	66,090	285,525	8,764	294,289	
3592	395,148	—	888,501	2,251,015	1,336	3,140,851	128,366	—	28,741	157,108	653,596	(4,198)	649,398	
3593	733,848	—	1,650,076	4,180,464	—	5,830,540	238,395	—	36,099	274,494	1,213,823	(5,437)	1,208,387	
3594	174,061	—	391,380	991,561	10,805	1,393,746	56,545	—	2,264	58,809	287,906	1,373	289,279	
3626	801,114	—	1,801,326	4,563,656	13,529	6,378,512	260,247	—	7,117	267,364	1,325,086	1,182	1,326,268	
3629	507,153	—	1,140,347	2,889,068	—	4,029,415	164,752	—	93,737	258,489	838,858	(14,902)	823,956	
3630	839,663	—	1,888,003	4,783,252	—	6,671,255	272,769	—	85,119	357,888	1,388,847	(12,376)	1,376,470	
3631	668,955	—	1,504,164	3,810,796	53,924	5,368,883	217,314	—	13,769	231,083	1,106,488	5,164	1,111,652	
3632	1,202,635	—	2,704,157	6,850,977	72,558	9,627,692	390,683	—	38,831	429,515	1,989,223	4,164	1,993,387	
3635	823,724	—	1,852,165	4,692,458	123,826	6,668,449	267,592	—	15,996	283,588	1,362,484	17,660	1,380,144	
3636	682,382	—	1,534,355	3,887,285	81,847	5,503,487	221,676	—	4,040	225,716	1,128,697	12,404	1,141,101	
3658	660,985	—	1,486,241	3,765,389	—	5,251,630	214,725	—	62,181	276,906	1,093,304	(9,906)	1,083,398	
3679	709,227	—	1,594,716	4,040,211	24,054	5,658,981	230,397	—	55,099	285,496	1,173,100	(3,572)	1,169,528	
3702	393,150	—	884,009	2,239,635	5,368	3,129,012	127,717	—	66,661	194,378	650,292	(9,186)	641,106	
3709	311,882	—	701,275	1,776,678	—	2,477,953	101,317	—	51,071	152,388	515,869	(8,162)	507,707	
3805	248,883	—	559,619	1,417,795	28,659	2,006,072	80,851	—	14,336	95,187	411,665	2,635	414,300	
3821	360,803	—	811,275	2,055,365	—	2,866,641	117,209	—	—	117,209	596,788	(23,454)	573,333	
3822	124,255	—	279,390	707,834	38,019	1,025,243	40,365	—	24,593	64,958	205,524	1,214	206,738	

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer  
As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion	Total pension expense
3854	\$ 820,713	—	1,845,395	4,675,306	—	6,520,701	266,614	—	—	272,640	539,253	1,357,504	(42,970)	1,314,534
3855	437,598	—	983,951	2,492,840	41,211	3,518,002	142,157	—	—	54,921	197,078	723,811	(3,224)	720,587
3856	84,282	—	189,510	480,123	10,147	679,780	27,379	—	—	6,020	33,400	139,407	823	140,230
3857	833	—	1,873	4,745	2,779	9,397	271	—	—	4,564	4,835	1,378	(360)	1,017
3927	473,160	—	1,063,912	2,695,421	21,443	3,780,776	153,709	—	—	11,848	165,557	782,632	1,770	784,402
3928	220,566	—	495,949	1,256,487	128,506	1,880,942	71,652	—	—	2,122	73,775	364,829	20,345	385,173
3929	437,819	—	984,448	2,494,098	67,028	3,545,574	142,228	—	—	13,823	156,052	724,177	6,895	731,072
3930	405,507	—	911,794	2,310,028	24,177	3,245,999	131,732	—	—	25,218	156,950	670,731	462	671,193
3931	532,629	—	1,197,630	3,034,195	—	4,231,825	173,028	—	—	106,426	279,454	880,997	(15,637)	865,360
3932	396,990	—	892,642	2,261,507	9,924	3,164,074	128,965	—	—	24,247	153,212	656,643	(1,785)	654,858
3934	80,148	—	180,216	456,577	37,074	673,867	26,037	—	—	145	26,182	132,570	5,745	138,314
3979	278,453	—	626,108	1,586,243	43,446	2,255,797	90,457	—	—	—	90,457	460,575	6,190	466,766
3980	255,359	—	574,180	1,454,685	45,902	2,074,767	82,955	—	—	—	82,955	422,377	7,132	429,509
3981	175,202	—	393,946	998,062	95,806	1,487,814	56,915	—	—	46,805	103,720	289,793	5,495	295,288
3982	91,903	—	206,646	523,537	20,340	750,522	29,855	—	—	23,481	53,336	152,012	96	152,108
3983	199,286	—	448,100	1,135,260	121,928	1,705,287	64,739	—	—	5,542	70,282	329,630	18,857	348,486
3986	209,028	—	470,006	1,190,758	73,232	1,733,996	67,904	—	—	2,590	70,494	345,744	10,388	356,132
3987	156,999	—	353,015	894,364	55,908	1,303,287	51,002	—	—	57,291	108,293	259,684	(1,678)	258,006
3988	195,993	—	440,695	1,116,499	87,563	1,644,757	63,669	—	—	22,232	85,901	324,182	11,090	335,273
3989	147,199	—	330,980	838,538	3,216	1,172,734	47,818	—	—	14,961	62,779	243,475	(1,942)	241,533
3990	211,520	—	475,609	1,204,955	26,631	1,707,195	68,714	—	—	—	68,714	349,866	4,110	353,976
3991	234,293	—	526,813	1,334,681	14,554	1,876,048	76,111	—	—	28,946	105,058	387,533	(1,616)	385,917
3992	210,130	—	472,484	1,197,036	5,456	1,674,976	68,262	—	—	20,251	88,513	347,567	(2,477)	345,089
3994	386,924	—	870,008	2,204,163	2,182	3,076,353	125,694	—	—	397	126,092	639,992	258	640,250
3995	192,385	—	432,582	1,095,945	24,625	1,553,152	62,497	—	—	15,967	78,465	318,214	1,723	319,937
3996	163,281	—	367,141	930,151	1,711	1,299,003	53,043	—	—	16,449	69,491	270,075	(2,397)	267,678
3997	172,024	—	386,800	979,958	62,663	1,429,422	55,883	—	—	—	55,883	284,537	9,747	294,284
3998	162,178	—	364,662	923,870	15,743	1,304,275	52,685	—	—	898	53,583	268,251	2,230	270,481
3999	178,267	—	400,838	1,015,524	—	1,416,362	57,911	—	—	58,362	116,273	294,864	(9,264)	285,600
4001	289	—	650	1,648	7,907	10,205	94	—	—	—	94	478	1,217	1,695
4004	97,863	—	220,048	557,492	13,282	790,822	31,791	—	—	—	31,791	161,871	2,079	163,950
4007	139,175	—	312,939	792,830	—	1,105,768	45,212	—	—	5,551	50,763	230,203	(858)	229,345
4008	48,548	—	109,161	276,560	19,998	405,720	15,771	—	—	3,444	19,215	80,301	2,745	83,046
4009	809,776	—	1,820,802	4,613,000	60,370	6,494,172	263,061	—	—	33,033	296,093	1,339,413	4,972	1,344,384
4010	79,325	—	178,365	451,886	3,465	633,716	25,769	—	—	38,542	64,311	131,208	(4,812)	126,396
4014	380,994	—	856,674	2,170,382	15,705	3,042,760	123,768	—	—	98,288	222,056	630,184	(13,617)	616,567
4015	234,503	—	527,286	1,335,878	3,955	1,867,119	76,180	—	—	62,831	139,010	387,880	(7,890)	379,990
4020	456,270	—	1,025,935	2,599,206	5,304	3,630,445	148,222	—	—	31,815	180,037	754,695	(3,491)	751,205
4021	625,118	—	1,405,594	3,561,070	2,236	4,968,899	203,073	—	—	110,931	314,004	1,033,978	(17,337)	1,016,641
4022	465,968	—	1,047,740	2,654,448	—	3,702,188	151,572	—	—	100,218	251,591	770,735	(14,975)	755,760
4027	456,692	—	1,026,883	2,601,606	56,265	3,684,755	148,359	—	—	—	148,359	755,392	8,731	764,123
4028	82,662	—	185,867	470,893	14,687	671,447	26,853	—	—	8,896	35,749	136,727	1,159	137,886
4029	500,224	—	1,124,767	2,849,594	41,249	4,015,610	162,501	—	—	4,049	166,549	827,397	5,544	832,941
4030	301,792	—	678,586	1,719,198	15,167	2,412,951	98,039	—	—	17,258	115,297	499,180	(730)	498,449
4031	264,605	—	594,972	1,507,361	86,294	2,188,626	85,959	—	—	—	85,959	437,671	13,502	451,174
4034	224,606	—	505,032	1,279,498	54,089	1,838,619	72,965	—	—	—	72,965	371,510	8,555	380,065
4036	397,315	—	893,373	2,263,360	174,449	3,331,182	129,070	—	—	78,375	207,445	657,180	17,328	674,509
4101	250,072	—	562,293	1,424,569	12,632	1,999,494	81,237	—	—	120	81,357	413,632	1,705	415,338
4104	211,098	—	474,659	1,202,547	11,371	1,688,577	68,576	—	—	10,508	79,084	349,167	410	349,577
4124	19,469	—	43,776	110,906	14,224	168,905	6,325	—	—	974	7,298	32,202	2,161	34,364
4126	742,339	—	1,669,169	4,228,837	113,600	6,011,606	241,153	—	—	—	241,153	1,227,869	18,132	1,246,001
4128	466,287	—	1,048,459	2,656,270	59,240	3,763,970	151,476	—	—	115,534	267,010	771,264	(10,153)	761,111
4130	412,484	—	927,482	2,349,773	73,030	3,350,284	133,998	—	—	2,250	136,248	682,271	11,228	693,499
4132	194,516	—	437,374	1,108,088	1,501	1,546,963	63,190	—	—	54,834	118,024	321,740	(8,020)	313,720
4134	185,326	—	416,710	1,055,734	14,329	1,486,773	60,204	—	—	11,630	71,834	306,539	68	306,607
4135	146,062	—	328,424	832,062	133,842	1,294,329	47,449	—	—	1,859	49,308	241,594	20,285	261,879
4137	205,033	—	461,027	1,168,011	12,033	1,641,071	66,607	—	—	—	66,607	339,139	1,936	341,075
4142	659,080	—	1,481,959	3,754,541	18,787	5,255,286	214,106	—	—	45,766	259,872	1,090,154	(3,180)	1,086,973
4143	538,684	—	1,211,246	3,068,689	—	4,279,934	174,995	—	—	75,023	250,018	891,013	(11,886)	879,126
4144	326,395	—	733,908	1,859,355	—	2,593,263	106,031	—	—	73,465	179,496	539,875	(10,838)	529,037
4149	179,328	—	403,225	1,021,569	28,444	1,453,238	58,256	—	—	—	58,256	296,619	4,382	301,001
4151	473,976	—	1,065,747	2,700,069	64,828	3,830,644	153,974	—	—	3,664	157,638	783,982	9,574	793,555

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer  
As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion	Total pension expense
4152	\$ 421,983	—	948,839	2,403,883	7,857	3,360,580	137,084	—	—	11,143	148,227	697,982	(250)	697,732
4153	470,121	—	1,057,078	2,678,106	54,327	3,789,511	152,722	—	—	4,747	157,469	777,604	8,096	785,701
4154	244,017	—	548,678	1,390,075	47,389	1,986,143	79,270	—	—	9,016	88,286	403,617	5,070	408,687
4155	359,153	—	807,564	2,045,963	3,135	2,856,663	116,673	—	—	53,825	170,498	594,058	(8,098)	585,960
4178	346,969	—	780,169	1,976,558	121,900	2,878,627	112,715	—	—	—	112,715	573,906	17,638	591,543
4180	706,211	—	1,587,933	4,023,025	25,867	5,636,825	229,417	—	—	2,965	232,382	1,168,110	3,728	1,171,838
4183	452,219	—	1,016,827	2,576,128	26,940	3,619,895	146,906	—	—	1,729	148,635	747,995	3,474	751,469
4184	434,001	—	975,862	2,472,345	8,769	3,456,976	140,988	—	—	39,100	180,088	717,860	(5,118)	712,743
4202	295,229	—	663,830	1,681,811	61,763	2,407,404	95,907	—	—	4,176	100,083	488,324	9,371	497,695
4203	286,864	—	645,020	1,634,157	69,743	2,348,920	93,189	—	—	—	93,189	474,488	10,835	485,323
4205	208,402	—	468,597	1,187,190	268	1,656,056	67,701	—	—	47,794	115,495	344,708	(6,809)	337,899
4206	203,095	—	456,665	1,156,961	38,925	1,652,552	65,977	—	—	12,751	78,728	335,931	4,477	340,408
4208	1,057,733	—	2,378,340	6,025,522	181,902	8,585,764	343,611	—	—	2,736	346,347	1,749,547	27,824	1,777,371
4258	343,618	—	772,634	1,957,467	131,419	2,861,520	111,626	—	—	—	111,626	568,362	19,336	587,698
4259	348,895	—	784,500	1,987,530	47,028	2,819,058	113,341	—	—	23,208	136,549	577,092	4,362	581,453
4260	557,364	—	1,253,246	3,175,098	28,183	4,456,527	181,063	—	—	45,569	226,632	921,909	(1,727)	920,182
4301	1,086,473	—	2,442,962	6,189,240	11,864	8,644,066	352,947	—	—	141,786	494,734	1,797,084	(21,250)	1,775,834
4351	1,582,657	—	3,558,645	9,015,822	43,175	12,617,641	514,136	—	—	208,127	722,263	2,617,799	(27,717)	2,590,082
4353	930,847	—	2,093,033	5,302,695	52,787	7,448,515	302,391	—	—	3,105	305,497	1,539,670	7,584	1,547,254
4355	1,505,022	—	3,384,080	8,573,561	65,604	12,023,245	488,915	—	—	36,325	525,240	2,489,386	3,078	2,492,464
4356	2,460,649	—	5,532,832	14,017,422	48,102	19,598,356	799,357	—	—	49,307	848,663	4,070,045	997	4,071,042
4357	1,166,599	—	2,623,128	6,645,691	32,843	9,301,662	378,977	—	—	24,404	403,381	1,929,617	559	1,930,176
4358	859,747	—	1,933,163	4,897,666	—	6,830,830	279,294	—	—	47,325	326,619	1,422,067	(7,378)	1,414,689
4360	918,498	—	2,065,266	5,232,347	510,075	7,807,688	298,380	—	—	—	298,380	1,519,244	80,149	1,599,393
4361	1,575,915	—	3,503,011	8,874,873	—	12,377,884	506,098	—	—	82,984	589,082	2,576,874	(11,884)	2,564,989
4363	929,083	—	2,089,067	5,292,649	57,673	7,439,389	301,818	—	—	5,962	307,780	1,536,753	8,156	1,544,909
4364	1,023,407	—	2,301,156	5,829,975	68,071	8,199,202	332,460	—	—	49,089	381,549	1,692,769	4,271	1,697,040
4365	744,641	—	1,674,345	4,241,952	29,027	5,945,324	241,901	—	—	—	241,901	1,231,677	4,346	1,236,023
4366	3,434,719	—	7,723,055	19,566,348	34,109	27,323,511	1,115,789	—	—	316,480	1,432,270	5,681,209	(38,593)	5,642,616
4367	5,677,667	—	12,766,381	32,343,607	404,022	45,514,010	1,844,425	—	—	55,744	1,900,168	9,391,165	45,880	9,437,045
4368	4,389,916	—	9,870,838	25,007,754	70,677	34,949,269	1,426,091	—	—	106,304	1,532,395	7,261,155	(7,398)	7,253,757
4428	251,542	—	565,599	1,432,945	59,086	2,057,630	81,715	—	—	33,629	416,064	1,154,423	4,975	1,159,398
4430	306,161	—	688,411	1,744,088	16,015	2,448,514	99,458	—	—	48,301	147,759	506,407	(4,091)	502,315
4434	113,708	—	255,675	647,752	—	903,426	36,939	—	—	15,547	52,486	188,079	(2,186)	185,892
4437	431,806	—	970,927	2,459,842	5,199	3,435,967	140,275	—	—	—	140,275	514,394	307	514,701
4438	333,317	—	749,473	1,898,788	47,767	2,696,028	108,280	—	—	6,794	115,074	551,325	6,755	558,080
4439	431,248	—	969,671	2,456,660	—	3,426,332	140,093	—	—	108,444	248,538	713,306	(16,819)	696,487
4504	277,705	—	624,427	1,581,984	38,947	2,245,357	90,214	—	—	—	90,214	459,339	6,061	465,400
4531	410,798	—	923,689	2,340,166	7,576	3,271,431	133,450	—	—	—	133,450	679,481	1,085	680,566
4532	568,959	—	1,279,319	3,241,153	93,828	4,614,300	184,830	—	—	6,028	190,858	941,089	12,380	953,468
4533	441,834	—	993,476	2,516,970	93,303	3,603,749	143,533	—	—	8,552	152,085	730,818	13,748	744,565
4534	441,599	—	992,946	2,515,627	—	3,508,573	143,456	—	—	22,792	166,248	730,428	(3,504)	726,924
4557	220,212	—	495,153	1,254,468	—	1,749,621	71,537	—	—	48,930	120,467	364,243	(7,529)	356,714
4582	492,274	—	1,106,890	2,804,305	79,676	3,990,872	159,918	—	—	—	159,918	814,247	11,616	825,864
4583	347,006	—	780,252	1,976,767	68,359	2,825,378	112,727	—	—	40,448	153,175	573,966	5,495	579,461
4586	423,812	—	952,951	2,414,301	35,137	3,402,389	137,678	—	—	34,485	172,163	701,007	(764)	700,243
4588	372,081	—	836,634	2,119,610	—	2,956,244	120,873	—	—	45,189	166,061	615,442	(6,221)	609,221
4590	381,753	—	858,382	2,174,709	68,156	3,101,247	124,015	—	—	—	124,015	631,440	10,697	642,137
4592	216,867	—	487,630	1,235,411	7,094	1,730,135	70,450	—	—	91,074	161,524	358,709	(13,602)	345,107
4593	440,559	—	990,608	2,509,704	—	3,500,311	143,118	—	—	55,761	198,879	728,708	(8,051)	720,656
4594	406,919	—	914,967	2,318,068	159,831	3,392,866	132,190	—	—	—	132,190	673,065	23,846	696,911
4595	458,564	—	1,031,094	2,612,275	7,541	3,650,910	148,967	—	—	28,433	177,401	758,490	(2,692)	755,798
4596	360,191	—	809,900	2,051,880	47,817	2,909,596	117,010	—	—	3,612	120,622	595,776	7,220	602,996
4597	545,282	—	1,226,080	3,106,272	121,553	4,453,906	177,138	—	—	46,509	223,647	901,925	9,090	911,015
4598	492,138	—	1,106,584	2,803,530	6,103	3,916,217	159,874	—	—	97,753	257,627	814,022	(14,852)	799,171
4604	631,047	—	1,418,926	3,594,846	57,596	5,071,368	204,999	—	—	152,700	357,699	1,043,786	(16,817)	1,026,969
4617	279,698	—	628,909	1,593,339	695,465	2,917,712	90,862	—	—	—	90,862	462,636	108,704	571,340
4620	443,843	—	997,993	2,528,414	18,345	3,544,752	144,185	—	—	—	144,185	734,140	2,677	736,817
4651	561,704	—	1,263,007	3,199,826	—	4,462,833	182,473	—	—	245,868	428,341	929,089	(39,281)	889,808
4653	1,717,538	—	3,861,928	9,784,187	—	13,646,115	557,952	—	—	238,359	796,311	2,840,899	(35,698)	2,805,201
4654	1,967,771	—	4,424,583	11,209,674	—	15,634,257	639,242	—	—	162,265	801,507	3,254,798	(24,260)	3,230,537
4662	392,631	—	882,842	2,236,679	—	3,119,521	127,549	—	—	37,711	165,260	649,433	(5,218)	644,215

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer  
As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion	Total pension expense
4663	\$ 531,172	—	1,194,353	3,025,891	672	4,220,916	172,554	—	—	30,256	202,810	878,586	(4,139)	874,447
4679	453,334	—	1,019,332	2,582,477	194,449	3,796,258	147,268	—	4,176	151,444	749,838	30,761	780,599	
4680	319,071	—	717,440	1,817,632	27,306	2,562,378	103,652	—	14,803	118,455	527,761	2,381	530,142	
4701	606,800	—	1,364,406	3,456,722	263,285	5,084,413	197,123	—	17,574	214,697	1,003,680	40,088	1,043,768	
4703	539,742	—	1,213,625	3,074,717	88,588	4,376,929	175,339	—	8,055	183,393	892,763	13,171	905,934	
4704	488,781	—	1,099,036	2,784,405	8,395	3,891,836	158,783	—	10,957	169,740	808,469	(621)	807,848	
4705	658,532	—	1,480,727	3,751,420	127,270	5,359,417	213,928	—	138,621	352,549	1,089,248	1,748	1,090,995	
4854	602,851	—	1,355,526	3,434,223	48,950	4,838,698	195,840	—	26,380	222,220	997,148	2,480	999,628	
4855	214,017	—	481,224	1,219,179	16,066	1,716,469	69,525	—	—	69,525	353,996	2,452	356,449	
4857	1,211,113	—	2,723,219	6,899,271	15,997	9,638,488	393,437	—	171,172	564,610	2,003,246	(25,191)	1,978,055	
4862	1,175,612	—	2,643,394	6,697,034	21,919	9,362,347	381,905	—	8,139	390,044	1,944,525	1,844	1,946,369	
4863	1,431,746	—	3,219,318	8,156,138	93,913	11,469,370	465,111	—	98,765	563,876	2,368,185	1,119	2,369,304	
4877	577,340	—	1,298,164	3,288,897	—	4,587,062	187,552	—	106,673	294,226	954,952	(16,357)	938,595	
4879	438,188	—	985,278	2,496,200	39,883	3,521,361	142,348	—	1,231	143,579	724,787	6,116	730,904	
4883	18,422	—	41,422	104,942	4,679	151,043	5,984	—	1,236	7,221	30,471	461	30,932	
4884	185,131	—	416,271	1,054,622	—	1,470,893	60,141	—	69,714	129,855	306,216	(10,414)	295,802	
4885	516,178	—	1,160,640	2,940,479	3,295	4,104,414	167,684	—	78,910	246,593	853,786	(12,071)	841,715	
4890	772,891	—	1,737,866	4,402,882	134,451	6,275,199	251,078	—	48,836	299,915	1,278,404	15,006	1,293,409	
4892	705,795	—	1,586,997	4,020,656	—	5,607,653	229,282	—	85,963	315,245	1,167,422	(12,627)	1,154,795	
4894	728,993	—	1,639,160	4,152,809	135,217	5,927,186	236,818	—	17,190	254,007	1,205,794	18,781	1,224,575	
4901	466,568	—	1,049,089	2,657,866	129,748	3,836,703	151,567	—	7,365	158,932	771,728	19,436	791,163	
4905	229,058	—	515,043	1,304,861	373	1,820,277	74,411	—	228,734	303,145	378,874	(33,032)	345,842	
4906	637,337	—	1,433,069	3,630,677	86,778	5,150,524	207,043	—	7,185	214,228	1,054,189	11,638	1,065,828	
4907	985,419	—	2,215,739	5,613,571	2,616	7,831,926	320,119	—	52,095	372,214	1,629,935	(6,912)	1,623,023	
4908	276,921	—	622,663	1,577,516	8,546	2,208,725	89,959	—	—	89,959	458,041	1,315	459,356	
4909	737,003	—	1,657,170	4,198,437	4,937	5,860,543	239,420	—	71,079	310,499	1,219,442	(8,811)	1,210,231	
4910	353,037	—	793,814	2,011,126	1,490	2,806,430	114,686	—	53,947	168,633	583,943	(7,415)	576,527	
4976	168,673	—	379,267	960,871	11,986	1,352,124	54,795	—	24,708	79,503	278,995	(2,325)	276,670	
4978	178,307	—	400,927	1,015,748	6,207	1,422,882	57,924	—	35,329	93,253	294,929	(4,344)	290,585	
4979	268,998	—	604,848	1,532,381	35,729	2,172,958	87,385	—	22,466	109,851	444,936	1,288	446,225	
4980	133,957	—	301,205	763,102	73,739	1,138,045	43,517	—	—	43,517	221,571	11,592	233,163	
4981	162,524	—	365,440	925,842	—	1,291,282	52,797	—	62,618	115,415	268,824	(9,676)	259,148	
4982	238,877	—	537,121	1,360,795	—	1,897,916	77,601	—	37,049	114,650	395,115	(5,272)	389,843	
4983	178,596	—	401,577	1,017,395	56,875	1,475,848	58,018	—	—	58,018	295,407	8,269	303,676	
5001	373,617	—	840,088	2,128,362	112,050	3,080,499	121,372	—	229,836	351,208	617,983	(21,902)	596,081	
5002	203,251	—	457,016	1,157,849	209,475	1,824,340	66,027	—	64,785	130,813	336,189	24,953	361,141	
5003	297,670	—	669,318	1,695,715	1,617	2,366,650	96,700	—	88,228	184,928	492,361	(13,753)	478,608	
5026	209,762	—	471,656	1,194,940	64,651	1,731,247	68,143	—	3,527	71,670	346,958	9,171	356,129	
5027	472,273	—	1,061,918	2,690,367	—	3,752,284	153,421	—	375,648	529,069	781,164	(59,312)	721,853	
5028	207,120	—	465,714	1,179,885	52,298	1,697,897	67,284	—	6,035	73,319	342,587	7,606	350,193	
5076	561,857	—	1,263,349	3,200,693	106,396	4,570,439	182,523	—	29,808	212,330	929,341	13,101	942,442	
5078	444,599	—	999,693	2,532,722	—	3,532,415	144,431	—	13,428	157,859	735,391	(2,027)	733,364	
5102	1,413,461	—	3,178,203	8,051,972	12,010	11,242,184	459,171	—	62,602	521,773	2,337,939	(6,587)	2,331,353	
5103	751,640	—	1,690,081	4,281,817	28,202	6,000,100	244,175	—	—	244,175	1,243,252	4,328	1,247,580	
5107	502,188	—	1,129,183	2,860,784	—	3,989,968	163,139	—	53,670	216,809	830,646	(8,600)	822,046	
5108	441,333	—	992,349	2,514,114	68,885	3,575,347	143,370	—	31,122	174,492	729,988	6,893	736,882	
5251	313,936	—	705,893	1,788,379	2,288	2,496,561	101,984	—	13,586	115,570	519,267	(1,853)	517,414	
5253	463,449	—	1,042,077	2,640,101	8,171	3,690,349	150,554	—	91,998	242,553	766,569	(12,759)	753,810	
5276	583,638	—	1,312,325	3,324,774	16,025	4,653,125	189,598	—	52,310	241,909	965,369	(6,238)	959,131	
5281	215,612	—	484,809	1,228,262	85,270	1,798,341	70,043	—	1,586	71,629	356,634	13,081	369,714	
5282	238,999	—	537,394	1,361,488	155,242	2,054,124	77,640	—	—	77,640	395,316	24,571	419,888	
5301	251,616	—	565,764	1,433,362	25,128	2,024,254	81,739	—	615	82,354	416,186	3,934	420,120	
5303	152,288	—	342,424	867,531	10,489	1,220,444	49,472	—	8,608	58,080	251,893	37	251,929	
5305	180,794	—	406,520	1,029,919	60,703	1,497,142	58,732	—	—	58,732	299,043	9,590	308,633	
5306	305,381	—	686,657	1,739,644	50,119	2,476,419	99,205	—	11,195	110,400	505,116	6,515	511,631	
5307	409,888	—	921,643	2,334,981	50,867	3,307,491	133,154	—	55,352	188,506	677,976	620	678,596	
5308	238,997	—	663,085	1,679,924	57,226	2,400,235	95,799	—	9,669	105,469	487,776	7,872	495,648	
5309	130,943	—	294,429	745,936	9,405	1,049,770	42,538	—	5,507	48,044	216,587	385	216,972	
5351	1,801,628	—	4,051,008	10,263,222	5,301	14,319,531	585,270	—	69,238	654,508	2,979,989	(8,927)	2,971,062	
5352	18,453	—	41,492	105,119	5,223	151,834	5,995	—	5,437	11,432	30,522	99	30,621	
5353	196,443	—	441,707	1,119,065	28,650	1,589,423	63,816	—	4,423	68,239	324,927	3,302	328,230	
5354	554,858	—	1,247,612	3,160,822	—	4,408,434	180,249	—	168,877	349,126	917,764	(24,604)	893,160	



NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer  
As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion	Total pension expense
5355	\$ 1,119,743	—	2,517,770	6,378,767	47,318	8,943,855	363,755	—	—	51,530	415,285	1,852,114	(1,871)	1,850,243
5356	370,652	—	833,422	2,111,472	62,952	3,007,846	120,409	—	—	307	120,715	613,079	9,727	622,806
5357	1,616,490	—	3,634,720	9,208,557	406,486	13,249,762	525,127	—	—	—	525,127	2,673,761	56,549	2,730,310
5358	3,344,175	—	7,519,464	19,050,550	38,091	26,608,106	1,086,376	—	—	650,547	1,736,922	5,531,444	(92,288)	5,439,157
5359	306,412	—	688,975	1,745,518	—	2,434,493	99,540	—	—	66,059	165,599	506,822	(9,607)	497,215
5360	216,041	—	485,773	1,230,705	48,137	1,764,615	70,182	—	—	12,223	82,405	357,343	6,065	363,407
5361	1,587,790	—	3,570,187	9,045,064	106,138	12,721,389	515,803	—	—	—	515,803	2,626,290	15,513	2,641,803
5362	161,647	—	363,468	920,846	98,090	1,382,403	52,512	—	—	5,784	58,296	267,373	14,071	281,444
5363	1,416,232	—	3,184,434	8,067,759	—	11,252,194	460,072	—	—	194,981	655,053	2,342,523	(29,113)	2,313,411
5364	353,357	—	794,533	2,012,948	3,809	2,811,290	114,790	—	—	111,764	226,554	584,472	(17,479)	566,993
5365	18,110	—	40,722	103,168	11,088	154,977	5,883	—	—	3,429	29,955	9,312	967	30,922
5367	379,765	—	853,911	2,163,383	83,831	3,101,125	123,369	—	—	27,971	151,340	628,151	9,739	637,891
5368	296,803	—	667,369	1,690,778	51,114	2,409,260	96,418	—	—	25,369	121,787	490,928	4,773	495,701
5369	83,445	—	187,628	475,356	8,431	671,415	27,108	—	—	28,715	55,823	138,023	(3,255)	134,758
5371	105,907	—	238,134	603,312	38,997	880,443	34,404	—	—	1,722	36,126	175,175	5,127	180,302
5372	831,823	—	1,870,375	4,738,593	1,620	6,610,588	270,223	—	—	104,278	374,501	1,375,880	(15,071)	1,360,808
5375	1,117,553	—	2,512,846	6,366,291	215,880	9,095,017	363,044	—	—	—	363,044	1,848,492	34,183	1,882,674
5376	421,910	—	948,675	2,403,466	38,063	3,390,203	137,060	—	—	91,784	228,844	697,861	(9,652)	688,209
5379	16,556	—	37,226	94,312	56,215	187,753	5,378	—	—	8,547	13,925	27,384	7,899	35,283
5380	213,522	—	480,109	1,216,355	41,700	1,738,164	69,364	—	—	5,205	74,569	353,176	5,594	358,770
5403	2,501,433	—	5,624,536	14,249,753	118,363	19,992,652	812,606	—	—	126,225	938,831	4,137,503	1,741	4,139,244
5406	1,036,138	—	2,329,784	5,902,504	124,750	8,357,037	336,596	—	—	68,719	405,314	1,713,828	10,706	1,724,534
5407	1,713,567	—	3,853,001	9,761,571	11,578	13,626,150	556,663	—	—	116,129	672,792	2,834,332	(15,151)	2,819,181
5408	1,807,712	—	4,064,687	10,297,879	—	14,362,567	587,246	—	—	165,330	752,576	2,990,053	(23,968)	2,966,084
5409	2,042,891	—	4,593,492	11,637,605	82,009	16,313,107	663,645	—	—	34,132	697,777	3,379,050	7,980	3,387,030
5415	1,154,160	—	2,595,160	6,574,833	139,589	9,309,582	374,936	—	—	—	374,936	1,909,043	20,285	1,929,328
5416	438,898	—	986,874	2,500,244	28,635	3,515,753	142,579	—	—	24,252	166,830	725,961	1,255	727,216
5418	2,169,198	—	4,877,499	12,357,135	169,484	17,404,118	704,677	—	—	149,492	854,169	3,587,970	(955)	3,587,015
5420	2,058,075	—	4,627,634	11,724,104	50,146	16,401,884	668,578	—	—	62,642	731,220	3,404,166	(571)	3,403,595
5427	99,846	—	224,506	568,785	3,634	796,925	32,436	—	—	2,160	34,596	165,150	215	165,365
5457	1,534,541	—	3,450,456	8,741,724	214,282	12,406,462	498,505	—	—	443,630	942,135	2,538,213	(42,341)	2,495,872
5458	1,717,293	—	3,861,378	9,782,796	197,279	13,841,454	557,873	—	—	34,893	592,766	2,840,495	25,025	2,865,520
5501	691,149	—	1,554,066	3,937,224	98,914	5,590,203	224,524	—	—	12,131	236,655	1,143,197	11,441	1,154,638
5504	664,394	—	1,493,907	3,784,810	122,844	5,401,562	215,832	—	—	—	215,832	1,098,943	16,814	1,115,757
5505	194,179	—	436,617	1,106,167	14,535	1,557,319	63,080	—	—	26,959	90,039	321,182	(1,325)	319,857
5506	313,774	—	705,528	1,787,454	—	2,492,981	101,931	—	—	66,317	168,248	518,998	(10,398)	508,600
5507	347,797	—	782,030	1,981,272	24,656	2,787,958	112,984	—	—	9,842	122,825	575,274	2,527	577,801
5527	372,255	—	837,024	2,120,600	123,823	3,081,447	120,529	—	—	5,126	126,055	615,729	19,186	634,915
5528	420,416	—	945,316	2,394,956	—	3,340,272	136,575	—	—	80,018	216,593	695,390	(12,245)	683,146
5530	518,666	—	1,166,235	2,954,654	40,017	4,160,906	168,492	—	—	22,771	191,263	857,902	2,023	859,925
5533	243,313	—	547,096	1,386,067	24,392	1,957,556	79,042	—	—	24,895	103,937	402,453	(627)	401,826
5534	372,782	—	838,209	2,123,601	23,731	2,985,541	121,100	—	—	14,942	136,042	616,601	895	617,495
5535	645,400	—	1,451,198	3,676,608	8,965	5,136,771	209,662	—	—	38,288	247,950	1,067,526	(4,938)	1,062,588
5541	355,826	—	800,084	2,027,011	1,179	2,828,274	115,592	—	—	95,336	210,928	588,555	(14,519)	574,036
5601	981,142	—	2,206,122	5,589,207	8,672	7,804,001	318,730	—	—	129,848	448,578	1,622,861	(17,949)	1,604,912
5676	260,587	—	585,938	1,484,472	16,992	2,087,402	84,653	—	—	3,617	88,270	431,026	2,219	433,245
5677	216,677	—	487,204	1,234,330	—	1,721,533	70,389	—	—	18,350	88,739	358,395	(2,875)	355,521
5678	274,386	—	616,964	1,563,077	15,876	2,195,917	89,136	—	—	—	89,136	453,849	2,388	456,237
5679	552,597	—	1,242,528	3,147,943	25,265	4,415,736	179,514	—	—	4,652	184,167	914,025	2,829	916,854
5680	520,989	—	1,171,457	2,967,883	78,163	4,217,503	169,246	—	—	7,858	177,105	861,743	11,153	872,896
5681	237,775	—	534,642	1,354,516	32,937	1,922,095	77,243	—	—	7,652	84,895	393,292	4,268	397,560
5682	283,138	—	636,642	1,612,933	8,144	2,257,719	91,979	—	—	20,497	112,476	468,325	(1,700)	466,625
5683	458,161	—	1,030,187	2,609,978	—	3,640,166	148,836	—	—	80,513	229,349	757,823	(11,811)	746,012
5684	188,334	—	423,473	1,072,868	27,468	1,523,809	61,181	—	—	—	61,181	311,514	4,365	315,879
5685	305,478	—	686,875	1,740,197	105,151	2,532,223	99,236	—	—	463	99,700	505,277	16,149	521,426
5687	557,937	—	1,254,536	3,178,366	—	4,432,903	181,249	—	—	61,683	242,932	922,858	(9,390)	913,468
5688	203,029	—	456,515	1,156,580	48,233	1,661,328	65,955	—	—	—	65,955	335,820	7,725	343,545
5691	77,209	—	173,606	439,829	7,753	621,188	25,082	—	—	667	25,749	127,707	980	128,687
5692	446,490	—	1,003,944	2,543,490	46,949	3,594,384	145,045	—	—	—	145,045	738,518	7,475	745,993
5693	147,406	—	331,447	839,721	22,571	1,193,739	47,886	—	—	8,565	56,451	243,818	2,477	246,295
5694	113,973	—	256,271	649,262	79,185	984,717	37,025	—	—	—	37,025	188,517	11,214	199,731
5695	123,094	—	276,781	701,225	2,487	980,493	39,988	—	—	27,880	67,868	203,605	(3,646)	199,959

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer  
As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources				Deferred inflows of resources				Pension expense			
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion
5801	\$ 1,551,833	—	3,489,337	8,840,231	—	12,329,568	504,122	—	366,975	871,097	2,566,815	(55,076)	2,511,739
5806	882,801	—	1,985,000	5,028,994	92,384	7,106,378	286,783	—	34,660	321,443	1,460,199	10,188	1,470,387
5807	310,735	—	698,695	1,770,142	576,135	3,044,972	100,944	—	4,961	105,905	513,972	92,105	606,077
5812	359,933	—	809,318	2,050,405	991	2,860,714	116,926	—	21,117	138,044	595,348	(3,138)	592,209
5813	450,151	—	1,012,175	2,564,345	142,691	3,719,212	146,234	—	9,567	155,801	744,573	21,656	766,229
5817	1,337,899	—	3,008,301	7,621,525	69,170	10,698,996	434,625	—	158,352	592,976	2,212,957	(16,155)	2,196,801
5820	461,796	—	1,038,361	2,630,686	337,073	4,006,121	150,017	—	—	150,017	763,836	50,874	814,709
5821	637,225	—	1,432,817	3,630,040	7,778	5,070,634	207,006	—	171,516	378,523	1,054,004	(26,337)	1,027,668
5822	845,806	—	1,901,816	4,818,249	182,102	6,902,167	274,765	—	21,037	295,803	1,399,008	26,365	1,425,373
5823	181,384	—	407,847	1,033,281	97,028	1,538,156	58,924	—	—	58,924	300,019	13,899	313,918
6001	1,766,555	—	3,972,145	10,063,423	481,457	14,517,025	573,876	—	—	136,076	709,952	2,921,977	2,980,977
6005	1,266,455	—	2,847,657	7,214,536	—	10,062,193	411,416	—	257,925	669,341	2,094,785	(39,846)	2,054,939
6008	1,191,705	—	2,679,579	6,788,709	172,558	6,788,709	9,640,847	—	89,477	476,609	1,971,143	15,606	1,986,750
6011	611,664	—	1,375,342	3,484,428	69,821	4,929,591	198,703	—	—	130,337	329,040	1,011,725	1,000,217
6018	618,132	—	1,389,886	3,521,274	176,982	5,088,141	200,804	—	—	21,781	222,585	25,599	1,048,023
6022	704,084	—	1,583,151	4,010,909	12,652	5,606,712	228,726	—	—	112,674	341,400	1,164,592	1,148,195
6026	1,194,189	—	2,685,165	6,802,861	266,558	9,754,584	387,940	—	—	17,794	405,733	1,975,252	40,227
6027	1,841,283	—	4,140,171	10,489,118	423,369	15,052,658	598,152	—	—	41,197	639,349	3,045,580	2,015,480
6028	1,468,135	—	3,301,139	8,363,430	48,864	11,713,433	476,932	—	—	17,239	494,171	2,428,373	4,281
6036	325,246	—	731,325	1,852,810	291,287	2,875,422	105,658	—	—	105,658	537,975	44,907	582,881
6040	452,283	—	1,016,971	2,576,493	24,639	3,618,103	146,927	—	—	763	147,690	748,101	3,295
6041	647,195	—	1,455,234	3,686,832	5,160	5,147,226	210,245	—	—	105,826	395,471	1,070,494	(28,303)
6042	575,073	—	1,293,067	3,275,983	21,280	4,590,330	186,816	—	—	131,137	317,953	951,202	(14,312)
6044	971,070	—	2,183,475	5,531,830	458,560	8,173,865	315,458	—	—	239,337	554,795	1,606,201	41,487
6048	767,389	—	1,725,494	4,371,538	119,727	6,216,759	249,291	—	—	249,291	1,269,303	16,844	1,286,147
6050	877,755	—	1,973,655	5,000,251	231,636	7,205,541	285,144	—	—	6,645	291,789	1,451,854	35,460
6051	2,014,952	—	4,530,672	11,478,451	55,953	16,065,077	654,569	—	—	467,149	1,121,719	3,332,839	(67,768)
6052	1,469,668	—	3,304,587	8,372,167	—	11,676,754	477,431	—	—	501,571	979,001	2,430,910	(75,065)
6056	5,846,293	—	13,145,541	33,304,208	986,004	47,435,752	1,899,204	—	—	57,240	1,956,444	9,670,081	149,965
6057	1,120,845	—	2,520,244	6,385,034	—	8,905,278	364,113	—	—	23,002	1,853,934	387,115	(3,447)
6061	2,195,864	—	4,937,458	12,509,041	—	17,446,499	713,340	—	—	370,181	1,083,521	3,632,077	(55,879)
6065	2,556,180	—	5,747,636	14,561,627	146,801	20,456,063	830,390	—	—	295,730	1,126,121	4,228,058	(27,779)
6067	1,283,639	—	2,886,295	7,312,424	199,873	10,398,592	416,998	—	—	—	416,998	2,123,207	28,716
6068	876,208	—	1,970,177	4,991,440	—	6,961,617	284,642	—	—	105,586	388,228	1,449,295	(16,322)
6074	1,487,513	—	3,344,711	8,473,819	161,788	11,980,318	483,227	—	—	11,182	494,409	2,460,425	22,750
6075	1,157,032	—	2,601,616	6,591,189	151,204	9,344,009	375,869	—	—	—	375,869	1,913,792	22,263
6078	2,771,097	—	6,230,882	15,785,930	28,203	22,045,015	900,208	—	—	222,506	1,122,713	4,583,542	(32,037)
6079	1,298,787	—	2,920,355	7,398,715	1,475	10,320,545	421,919	—	—	58,561	480,480	2,148,262	(9,008)
6091	5,655,539	—	12,716,626	32,217,552	487,898	45,422,076	1,837,236	—	—	664,473	2,501,710	9,354,564	(40,320)
6093	2,987,547	—	6,717,577	17,018,970	757,992	24,494,538	970,523	—	—	—	970,523	4,941,562	110,360
6094	1,775,755	—	3,992,830	10,115,829	20,556	14,129,215	576,865	—	—	344,251	921,116	2,937,193	(49,146)
6095	741,013	—	1,666,187	4,221,283	161,235	6,048,704	240,723	—	—	—	240,723	1,225,675	23,476
6097	576,356	—	1,295,951	3,283,289	—	4,579,240	187,233	—	—	120,211	307,444	953,323	(19,016)
6099	742,567	—	1,669,681	4,230,133	694,477	6,594,291	241,227	—	—	—	241,227	1,228,245	109,320
6104	1,189,630	—	2,674,914	6,776,890	81,943	9,533,747	386,459	—	—	116,590	503,049	1,967,712	(7,193)
6105	1,900,935	—	4,274,302	10,828,937	102,675	15,205,914	617,530	—	—	455,395	1,072,925	3,144,248	(59,458)
6109	1,983,089	—	4,459,026	11,296,935	829,433	16,585,394	644,218	—	—	—	644,218	3,280,134	122,661
6507	62,322	—	140,133	355,028	19,941	515,103	20,246	—	—	—	20,246	103,085	2,836
6511	33,820	—	76,045	192,659	17,267	285,971	10,987	—	—	5,102	16,089	55,940	58,024
7000	8,745,159	—	19,663,716	49,817,995	—	69,481,711	2,840,918	—	—	5,215,045	8,055,963	14,464,961	(819,363)
7500	86,994	—	195,608	495,571	3,328	694,507	28,260	—	—	5,011	33,272	143,892	(147)
7501	177,914	—	400,045	1,013,514	115,678	1,529,237	57,797	—	—	—	57,797	294,280	16,556
7502	23,873	—	53,678	135,994	7,108	196,780	7,755	—	—	—	7,755	39,487	(7,918)
8000	1,099,896	—	2,473,144	6,265,707	234,732	8,973,583	357,308	—	—	45,198	402,506	1,819,286	30,184
8102	222,117	—	499,436	1,265,320	—	1,764,756	72,156	—	—	—	124,199	367,393	(7,430)
8105	269,918	—	606,918	1,537,626	223,022	2,367,566	87,685	—	—	—	87,685	446,459	34,584
8110	461,458	—	1,037,601	2,628,760	—	3,666,361	149,908	—	—	164,124	314,032	763,277	(24,687)
8112	105,533	—	237,294	601,185	91,925	930,405	34,283	—	—	—	34,283	174,558	13,886
8113	112,914	—	253,890	643,230	3,062	900,181	36,681	—	—	13,607	50,287	186,766	(1,772)
8115	131,401	—	295,458	748,544	67,432	1,111,434	42,686	—	—	18,450	61,136	217,344	8,370
8120	386,919	—	869,997	2,204,137	—	3,074,135	125,693	—	—	280,965	406,658	639,985	(44,718)

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2016

District code	Net pension liability	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
		Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes of assumptions	Changes in employer proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in employer proportion	Total pension expense
8124	\$ 1,045,467	—	2,350,760	5,955,647	15,433	8,321,840	339,626	—	—	163,802	503,429	1,729,259	(24,199)	1,705,060
8129	325,225	—	731,278	1,852,691	150,915	2,734,884	105,651	—	—	197	537,940	23,494	561,434	
8130	1,412,696	—	3,176,484	8,047,616	490,322	11,714,422	458,923	—	—	—	458,923	2,336,675	77,074	2,413,749
8131	201,976	—	454,148	1,150,583	—	1,604,731	65,613	—	—	—	104,351	334,079	(6,078)	328,000
8133	293,344	—	659,591	1,671,073	21,479	2,352,143	95,295	—	—	38,738	106,719	485,206	1,844	487,050
8134	135,334	—	304,302	770,947	81,773	1,157,022	43,964	—	—	—	43,964	223,849	11,773	235,622
8135	720,333	—	1,619,688	4,103,477	138,069	5,861,234	234,005	—	—	—	234,005	1,191,470	20,610	1,212,080
8140	167,362	—	376,318	953,401	11,345	1,341,063	54,369	—	—	6,814	61,183	276,826	893	277,719
8142	342,530	—	770,188	1,951,269	6,469	2,727,926	111,273	—	—	79,273	190,546	566,563	(11,846)	554,717
8145	279,437	—	628,321	1,591,851	85,079	2,305,251	90,777	—	—	54,994	145,770	462,204	6,167	468,370
8146	773,809	—	1,739,930	4,408,109	—	6,148,039	251,377	—	—	98,057	349,433	1,279,922	(15,635)	1,264,287
8149	101,574	—	228,393	578,633	78,077	885,102	32,997	—	—	—	32,997	168,010	12,209	180,219
8150	1,436,930	—	3,230,975	8,185,671	595,523	12,012,169	466,796	—	—	156,682	623,478	2,376,760	74,789	2,451,549
8151	717,894	—	1,614,203	4,089,582	22,622	5,726,406	233,212	—	—	113,640	346,852	1,187,435	(15,121)	1,172,314
8153	238,295	—	535,813	1,357,482	503,219	2,396,514	77,412	—	—	231,248	308,659	394,153	49,910	444,063
8155	413,360	—	929,450	2,354,760	98,457	3,382,666	134,282	—	—	178,126	312,408	683,719	(15,391)	668,328
8160	343,667	—	772,745	1,957,747	329,945	3,060,437	111,642	—	—	1,235	112,877	568,444	51,985	620,429
8162	143,673	—	323,053	818,454	—	1,141,507	46,673	—	—	67,213	113,886	237,643	(9,581)	228,062
8166	1,878,726	—	4,224,363	10,702,418	22,852	14,949,633	610,315	—	—	165,364	775,679	3,107,513	(19,289)	3,088,224
8167	90,296	—	203,033	514,383	636	718,051	29,333	—	—	22,299	51,632	149,354	(3,496)	145,858
8168	138,493	—	311,406	788,947	—	1,100,353	44,990	—	—	69,576	114,567	229,076	(10,729)	218,346
8169	145,056	—	326,163	826,333	23,662	1,176,158	47,122	—	—	1,813	48,935	239,931	3,001	242,931
8170	682,576	—	1,534,791	3,888,390	—	5,423,181	221,739	—	—	312,929	534,668	1,129,018	(48,471)	1,080,547
8400	305,908	—	687,842	1,742,646	1,242	2,431,730	99,376	—	—	267,315	366,691	505,988	(42,284)	463,704
8402	121,078	—	272,248	689,739	83,265	1,045,252	39,333	—	—	1,884	41,217	200,270	13,149	213,419
8403	148,041	—	332,873	843,334	—	1,176,207	48,092	—	—	100,397	148,489	244,867	(13,885)	230,982
8406	108,548	—	244,074	618,361	1,761	864,196	35,263	—	—	65,122	100,385	179,545	(10,259)	169,286
8407	646,696	—	1,454,112	3,683,992	20,383	5,158,487	210,083	—	—	443,348	653,432	1,069,670	(63,363)	1,006,307
8409	360,114	—	809,726	2,051,439	921	2,862,086	116,985	—	—	166,058	283,043	595,648	(26,102)	569,546
8410	151,383	—	340,388	862,374	—	1,202,762	49,178	—	—	103,483	152,660	250,395	(15,691)	234,705
8412	338,027	—	760,063	1,925,619	—	2,685,683	109,810	—	—	173,881	283,692	559,115	(27,480)	531,635
8413	48,501	—	109,055	276,290	107,187	492,531	15,756	—	—	5,797	21,553	80,222	16,496	96,719
8415	279,918	—	629,402	1,594,589	—	2,223,991	90,933	—	—	200,616	291,549	462,999	(29,107)	433,891
8416	139,137	—	312,854	792,615	28,789	1,134,258	45,200	—	—	1,932	47,131	230,141	4,225	234,365
8419	145,977	—	328,234	831,580	22,856	1,182,670	47,422	—	—	10,975	58,396	241,454	1,350	242,804
8420	223,873	—	503,384	1,275,324	70,843	1,849,552	72,727	—	—	28,978	101,705	370,298	7,351	377,649
8421	137,430	—	309,015	782,890	47,650	1,139,554	44,645	—	—	11,167	55,812	227,317	6,175	233,492
8422	139,333	—	313,294	793,729	—	1,107,023	45,263	—	—	74,673	119,936	230,464	(11,340)	219,124
8423	117,034	—	263,153	666,698	21,317	951,168	38,019	—	—	93,547	131,566	193,580	(12,187)	181,393
8424	72,240	—	162,434	411,525	2,537	576,496	23,468	—	—	39,079	62,547	119,489	(5,687)	113,802
8425	138,505	—	311,431	789,010	—	1,100,441	44,994	—	—	95,297	140,291	229,094	(14,901)	214,193
8426	100,401	—	225,755	571,950	19,646	817,352	32,616	—	—	55,195	87,811	166,069	(6,173)	159,896
8427	48,745	—	109,605	277,684	15,244	402,533	15,835	—	—	2,080	17,915	80,627	1,749	82,376
8428	224,475	—	504,737	1,278,750	—	1,783,487	72,922	—	—	21,883	94,805	371,293	(3,432)	367,861
8429	123,884	—	278,557	705,723	—	984,279	40,244	—	—	158,790	199,035	204,911	(23,131)	181,780
8430	110,128	—	247,625	627,356	—	874,981	35,776	—	—	141,473	177,249	182,157	(20,935)	161,222
8431	98,174	—	220,747	559,261	—	780,008	31,892	—	—	230,018	261,911	162,385	(35,537)	126,848
8432	84,328	—	189,615	480,389	—	670,004	27,395	—	—	462,097	489,491	139,484	(74,532)	64,952
Closed Districts	—	—	—	—	941,457	941,457	—	—	—	12,538	12,538	—	129,027	129,027

See accompanying notes to schedule of employer allocations and schedule of pension amounts by employer.

## NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

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

June 30, 2016

### (1) Plan Description

The New York State Teachers' Retirement System (NYSTRS or the System) was created and exists pursuant to Article 11 of the New York State Education Law. The System is the administrator of a cost-sharing, multiple-employer public employee retirement system (PERS), administered by a 10-member Board to provide pension and ancillary benefits to teachers employed by participating employers in the State of New York, excluding New York City. For additional Plan information please refer to the NYSTRS Comprehensive Annual Financial Report which can be found on the System's website located at [www.nystrs.org](http://www.nystrs.org).

#### (a) *Benefits*

The benefits provided to members of the System are established by New York State law and may be amended only by the Legislature with the Governor's approval. Benefit provisions vary depending on date of membership and are subdivided into the following six classes:

##### **Tier 1**

Members who last joined prior to July 1, 1973 are covered by the provisions of Article 11 of the Education Law.

##### **Tier 2**

Members who last joined on or after July 1, 1973 and prior to July 27, 1976 are covered by the provisions of Article 11 of the Education Law and Article 11 of the Retirement and Social Security Law (RSSL).

##### **Tier 3**

Members who last joined on or after July 27, 1976 and prior to September 1, 1983 are covered by the provisions of Article 14 and Article 15 of the RSSL.

##### **Tier 4**

Members who last joined on or after September 1, 1983 and prior to January 1, 2010 are covered by the provisions of Article 15 of the RSSL.

##### **Tier 5**

Members who joined on or after January 1, 2010 and prior to April 1, 2012 are covered by the provisions of Article 15 of the RSSL.

##### **Tier 6**

Members who joined on or after April 1, 2012 are covered by the provisions of Article 15 of the RSSL.

#### (b) *Service Retirements*

Tier 1 members are eligible, beginning at age 55, for a service retirement allowance of approximately 2% per year of credited service times final average salary.

## NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

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

June 30, 2016

Under Article 19 of the RSSL, eligible Tiers 1 and 2 members can receive additional service credit of one-twelfth of a year for each year of retirement credit as of the date of retirement or death up to a maximum of two additional years.

Tiers 2 through 5 are eligible for the same but with the following limitations: (1) Tiers 2 through 4 members receive an unreduced benefit for retirement at age 62 or retirement at ages 55 through 61 with 30 years of service or a reduced benefit for retirement at ages 55 through 61 with less than 30 years of service. (2) Tier 5 members receive an unreduced benefit for retirement at age 62 or retirement at ages 57 through 61 with 30 years of service. They receive a reduced benefit for retirement at ages 55 and 56 regardless of service credit, or ages 57 through 61 with less than 30 years of service.

Tier 6 members are eligible for a service retirement allowance of 1.75% per year of credited service for the first 20 years of service plus 2% per year for years of service in excess of 20 years times final average salary. Tier 6 members receive an unreduced benefit for retirement at age 63. They receive a reduced benefit at ages 55 through 62 regardless of service credit.

**(c) *Vested Benefits***

Retirement benefits vest after 5 years of credited service except for Tiers 5 and 6 where 10 years of credited service are required. Benefits are payable at age 55 or greater with the limitations noted for service retirements above.

**(d) *Disability Retirement***

Members are eligible for disability retirement benefits after 10 years of credited New York State service except for Tier 3 where disability retirement is permissible after 5 years of credited New York State service pursuant to the provisions of Article 14 of the RSSL. The Tier 3 benefit is integrated with Social Security.

**(e) *Death Benefits***

Death benefits are paid to the beneficiary of active members who die in service. The benefit is based on final salary and the number of years of credited service.

**(f) *Prior Service***

After 2 years of membership, members of all tiers may claim and receive credit for prior New York State public or teaching service. Only Tiers 1 and 2 members may, under certain conditions, claim out of state service.

**(g) *Tier Reinstatement***

In accordance with Chapter 640 of the Laws of 1998, any active member who had a prior membership may elect to be reinstated to their original date and Tier of membership.

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

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

June 30, 2016

**(h) Permanent Cost of Living Adjustment (COLA)**

Section 532-a of the Education Law provides a permanent cost-of-living benefit to both current and future retired members. This benefit will be paid commencing September of each year to retired members who have attained age 62 and have been retired for 5 years or attained age 55 and have been retired for 10 years. Disability retirees must have been retired for 5 years, regardless of age, to be eligible. The annual COLA percentage is equal to 50% of the increase in the consumer price index, not to exceed 3% nor be lower than 1%. It is applied to the first eighteen thousand dollars of the annual benefit. The applicable percentage payable beginning September 2016 is 1.0%.

Members who retired prior to July 1, 1970 are eligible for a minimum benefit of seventeen thousand five hundred dollars for 35 years of credited full-time New York State service. Certain members who retire pursuant to the provisions of Article 14 of the RSSL are eligible for automatic cost-of-living supplementation based on the increase in the consumer price index with a maximum per annum increase of 3%.

**(2) Contributions**

**(a) Employer Contributions**

Pursuant to Article 11 of the New York State Education Law, employers are required to contribute at an actuarially determined rate adopted annually by the Retirement Board. The actuarially determined contribution rate applicable to 2015-16 salaries was 13.26%. A reconciliation of total required employer contributions presented in the Schedule of Employer Allocations and additions from employer contributions per the System's Statement of Changes in Fiduciary Net Position for fiscal year June 30, 2016 is as follows:

Total required employer contributions	\$ 2,046,151,737
Miscellaneous billing adjustments	<u>410,241</u>
Additions from employer contributions	<u>\$ 2,046,561,978</u>

**(b) Member Contributions**

Tier 3 and Tier 4 members are required by law to contribute 3% of salary to the System. Effective October 2000, contributions were eliminated for Tiers 3 and 4 members with 10 or more years of service or membership. Effective January 1, 2010, Tier 5 members are required by law to contribute 3.5% of salary throughout their active membership. Effective April 1, 2012, Tier 6 members are required by law to contribute between 3% and 6% of salary throughout their active membership in accordance with a schedule based upon salary earned. Pursuant to Article 14 and Article 15 of the RSSL, those member contributions are used to help fund the benefits provided by the System. However, if a member dies or leaves covered employment with less than 5 years of credited service for Tiers 3 and 4, or 10 years of credited service for Tiers 5 and 6, the member contributions with interest calculated at 5% per annum are refunded to the employee or designated beneficiary. Eligible Tier 1 and Tier 2 members may make member contributions under certain conditions pursuant to the provisions of Article 11 of the Education Law and Article 11 of the RSSL. Upon termination of

## NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

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

June 30, 2016

membership, such accumulated member contributions are refunded. At retirement, such accumulated member contributions can be withdrawn or are paid as a life annuity.

#### (3) Basis of Presentation

The Schedule of Employer Allocations and Schedule of Pension Amounts by Employer (collectively, "the Schedules") present amounts that are elements of the financial statements of the System or of its participating employers. Accordingly, they do not purport to be a complete presentation of the financial position or changes in financial position of either the System or its participating employers. The amounts presented in the Schedules were prepared in accordance with U.S. generally accepted accounting principles. Such preparation requires management of the System to make a number of estimates and assumptions relating to the reported amounts. Due to the inherent nature of these estimates, actual results could differ from those estimates.

#### (4) Employer Allocation Percentages

The employer allocation percentages presented in the Schedule of Employer Allocations and applied to amounts presented in the Schedule of Pension Amounts by Employer are based on the ratio of each employer's actuarially determined contribution to the System's total actuarially determined employer contribution for the fiscal year ended June 30, 2016. The employer allocation percentages have been rounded for presentation purposes. Therefore, use of these percentages to recalculate individual employer amounts presented in the Schedule of Pension Amounts by Employer may result in immaterial differences due to this rounding.

#### (5) Summary of Significant Accounting Policies

The System's financial statements from which the System's fiduciary net position is determined are prepared using the accrual basis of accounting. Plan member contributions are recognized in the period in which the contributions are due. Employer contributions are recognized when due and the employer has a legal requirement to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan. Plan investments are reported at fair value. For detailed information on how investments are valued, please refer to the System's annual report.

#### (6) Collective Net Pension Liability and Actuarial Information

The components of the collective net pension liability of the participating school districts at June 30, 2016 are as follows:

Total pension liability	\$ 108,577,184,039
System fiduciary net position	<u>107,506,142,099</u>
School districts' net pension liability	<u>\$ 1,071,041,940</u>
System fiduciary net position as a percentage of total pension liability	99.01%

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

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

June 30, 2016

**(a) Actuarial Assumptions**

The total pension liability for the June 30, 2016 measurement date was determined by an actuarial valuation as of June 30, 2015, with update procedures used to roll forward the total pension liability to June 30, 2016, using the following assumptions:

Inflation	2.5%										
Projected salary increases	Rates of increase differ based on service. They have been calculated based upon recent NYSTRS member experience.										
	<table border="0"> <thead> <tr> <th align="center"><u>Service</u></th> <th align="center"><u>Rate</u></th> </tr> </thead> <tbody> <tr> <td align="center">5</td> <td align="center">4.72%</td> </tr> <tr> <td align="center">15</td> <td align="center">3.46%</td> </tr> <tr> <td align="center">25</td> <td align="center">2.37%</td> </tr> <tr> <td align="center">35</td> <td align="center">1.90%</td> </tr> </tbody> </table>	<u>Service</u>	<u>Rate</u>	5	4.72%	15	3.46%	25	2.37%	35	1.90%
<u>Service</u>	<u>Rate</u>										
5	4.72%										
15	3.46%										
25	2.37%										
35	1.90%										
Projected COLAs	1.5% compounded annually										
Investment rate of return	7.5% compounded annually, net of pension plan investment expense, including inflation										

Annuitant mortality rates are based on plan member experience, with adjustments for mortality improvements based on Society of Actuaries Scale MP2014, applied on a generational basis. Active member mortality rates are based on plan member experience.

The actuarial assumptions were based on the results of an actuarial experience study for the period of July 1, 2009 and June 30, 2014.

The long-term expected rate of return on pension plan investments was determined in accordance with Actuarial Standard of Practice (ASOP) No. 27, *Selection of Economic Assumptions for Measuring Pension Obligations*. ASOP No. 27 provides guidance on the selection of an appropriate assumed investment rate of return. Consideration was given to expected future real rates of return (expected returns, net of pension plan investment expense and inflation) for each major asset class as well as historical investment data and plan performance.



**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

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

June 30, 2016

Best estimates of arithmetic real rates of return for each major asset class included in the System's target asset allocation as of the valuation date of June 30, 2015 is summarized in the following table:

	<u>Target allocation</u>	<u>Long-term expected real rate of return*</u>
Asset class:		
Domestic equities	37%	6.1%
International equities	18	7.3
Real estate	10	5.4
Private equities	7	9.2
	<hr/>	
Total equities	72	
	<hr/>	
Domestic fixed income securities	17	1.0
Global fixed income securities	2	0.8
Mortgages	8	3.1
Short-term	1	0.1
	<hr/>	
Total fixed income	28	
	<hr/>	
Total	100%	
	<hr/> <hr/>	

\* Real rates of return are net of a long-term inflation assumption of 2.1% for 2015.

**(b) Discount Rate**

The discount rate used to measure the total pension liability as of June 30, 2016 was 7.5%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from school districts will be made at statutorily required rates, actuarially determined. Based on those assumptions, the System's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

**(c) Sensitivity of the Collective Net Pension Liability (Asset) to Changes in the Discount Rate**

The following presents the collective net pension liability (asset) of the NYSTRS participating school districts as of June 30, 2016 calculated using the discount rate of 7.5%, as well as what the school districts' net pension liability (asset) would be if it were calculated using a discount rate that is 1-percentage-point lower (6.5%) or 1-percentage-point higher (8.5%) than the current rate:

<u>1% Decrease (6.5%)</u>	<u>Current Discount Rate (7.5%)</u>	<u>1% Increase (8.5%)</u>
\$ 13,974,176,338	\$ 1,071,041,940	\$ (9,751,430,833)

**NEW YORK STATE TEACHERS' RETIREMENT SYSTEM**

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

June 30, 2016

**(7) Collective Deferred Outflows of Resources and Deferred Inflows of Resources**

Annual changes to the net pension liability resulting from differences between expected and actual experience with regard to economic and demographic factors and from changes of assumptions about future economic or demographic factors or other inputs are deferred and amortized over a closed period equal to the average of the expected service lives of all employees that are provided with pension benefits determined for the period during which the changes occurred. Differences between projected and actual earnings on pension plan investments are amortized over a closed 5-year period. The following presents a summary of changes in the collective deferred outflows of resources and deferred inflows of resources (excluding employer-specific amounts) for the year ended June 30, 2016:

<u>Deferred Outflows of Resources</u>	<u>Measurement Period July 1-June 30</u>	<u>Amortization Period</u>	<u>Beginning balance on prior measurement period deferrals</u>	<u>Current measurement period additions</u>	<u>Amortization of amounts recognized in current period pension expense</u>	<u>End of year balance</u>
Changes of assumptions	2016	7.2	\$ -	\$ 7,085,423,311	\$ (984,086,571)	\$ 6,101,336,740
Total			-	7,085,423,311	(984,086,571)	6,101,336,740
Net difference between projected and actual earnings on pension plan investments:	2014	5	(5,610,976,489)	-	1,870,325,497	(3,740,650,992)
	2015	5	2,327,650,869	-	(581,912,718)	1,745,738,151
	2016	5	-	5,503,972,833	(1,100,794,567)	4,403,178,266
Total			(3,283,325,620)	5,503,972,833	187,618,212	2,408,265,425
Total deferred outflows of resources			\$ (3,283,325,620)	\$ 12,589,396,144	\$ (796,468,359)	\$ 8,509,602,165
<b><u>Deferred Inflows of Resources</u></b>						
Difference between expected and actual experience:	2014	9.6	\$ 143,951,930	\$ -	\$ (18,941,044)	\$ 125,010,886
	2015	9.4	143,911,013	-	(17,132,263)	126,778,750
	2016	7.2	-	111,652,059	(15,507,230)	96,144,829
Total deferred inflows of resources			\$ 287,862,943	\$ 111,652,059	\$ (51,580,537)	\$ 347,934,465

The collective deferred outflows of resources and deferred inflows of resources (excluding employer-specific amounts) reported in the chart above will be amortized in the collective proportionate share of pension expense as follows:

Year ended June 30:	
2017	\$ 744,887,822
2018	744,887,824
2019	2,615,213,316
2020	2,033,300,599
2021	932,506,034
Thereafter	1,090,872,105
Total	\$ <u>8,161,667,700</u>

Deferred outflows of resources and deferred inflows of resources resulting from changes in an individual employer's proportion are amortized over a closed period equal to the average of the expected service lives of all employees that are provided with pension benefits determined for the period during which the changes occurred. Because these deferred amounts and their amortization are specific to individual employers and offset on a collective basis, they are not included in the tables above.

## NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

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

June 30, 2016

### (8) Allocable Plan Pension Expense

The components of allocable plan pension expense, which excludes amounts attributable to member contributions specific to individual employers, for the period ended June 30, 2016, comprises the following:

Service cost	\$ 1,181,608,735
Interest on total pension liability	7,809,566,305
Amortization of differences between expected and actual experience	(51,580,537)
Amortization of changes of assumptions	984,086,571
Member contributions	(124,586,707)
Projected earnings on pension plan investments	(7,896,327,081)
Amortization of differences between expected and actual earnings on investments	(187,618,212)
Pension plan administrative expense	60,425,819
Other changes in fiduciary net position	<u>(4,014,322)</u>
Total allocable plan pension expense	<u>\$ 1,771,560,571</u>