



NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations and Schedule of
Pension Amounts by Employer

June 30, 2017

(With Independent Auditors' Report Thereon)

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations and Schedule of
Pension Amounts by Employer

June 30, 2017

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KPMG LLP
515 Broadway
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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, 2017, and the related notes. We have also audited the total for all districts of the columns titled net pension liability (asset), 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, 2017 (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 (asset), 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, 2017, 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, 2017, and our report thereon dated October 26, 2017, 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 7, 2017

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | Required employer contribution | Employer allocation percentage |
|----------------------|--------------------------------------|--------------------------------------|
| All districts | \$ 1,857,233,863 | 100.000000 % |
| 1005 | 9,839,703 | 0.529804 |
| 1010 | 2,864,476 | 0.154233 |
| 1015 | 3,355,673 | 0.180681 |
| 1020 | 1,943,864 | 0.104664 |
| 1025 | 2,954,466 | 0.159079 |
| 1030 | 4,715,410 | 0.253894 |
| 1035 | 34,111,982 | 1.836709 |
| 1040 | 2,901,991 | 0.156253 |
| 1045 | 1,661,418 | 0.089457 |
| 1050 | 4,344,034 | 0.233898 |
| 1055 | 2,090,133 | 0.112540 |
| 1060 | 1,943,555 | 0.104648 |
| 1065 | 4,033,081 | 0.217155 |
| 1070 | 2,979,442 | 0.160424 |
| 1075 | 2,036,276 | 0.109640 |
| 1080 | 4,007,040 | 0.215753 |
| 1085 | 1,727,991 | 0.093041 |
| 1090 | 2,303,503 | 0.124029 |
| 1095 | 1,154,538 | 0.062164 |
| 1100 | 1,926,492 | 0.103729 |
| 1105 | 4,485,114 | 0.241494 |
| 1110 | 3,702,919 | 0.199378 |
| 1115 | 1,191,155 | 0.064136 |
| 1120 | 7,432,826 | 0.400209 |
| 1125 | 1,750,198 | 0.094237 |
| 1130 | 771,814 | 0.041557 |
| 1135 | 4,055,615 | 0.218369 |
| 1140 | 6,404,638 | 0.344848 |
| 1145 | 940,645 | 0.050648 |
| 1150 | 6,882,022 | 0.370552 |
| 1155 | 11,584,315 | 0.623740 |
| 1160 | 13,076,205 | 0.704069 |
| 1165 | 12,614,496 | 0.679209 |
| 1170 | 5,688,395 | 0.306283 |
| 1175 | 3,013,456 | 0.162255 |
| 1180 | 1,531,422 | 0.082457 |
| 1185 | 1,514,850 | 0.081565 |
| 1190 | 1,604,517 | 0.086393 |
| 1195 | 1,683,164 | 0.090627 |
| 1200 | 1,641,024 | 0.088358 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|--------------------------|----|---|---|
| 1205 | \$ | 3,114,240 | 0.167682 % |
| 1210 | | 3,860,421 | 0.207859 |
| 1215 | | 1,977,772 | 0.106490 |
| 1220 | | 2,790,569 | 0.150254 |
| 1225 | | 4,220,842 | 0.227265 |
| 1230 | | 900,819 | 0.048503 |
| 1235 | | 30,022,510 | 1.616517 |
| 1240 | | 4,494,454 | 0.241997 |
| 1245 | | 4,221,985 | 0.227327 |
| 1250 | | 1,236,602 | 0.066583 |
| 1255 | | 4,901,918 | 0.263937 |
| 1260 | | 8,472,044 | 0.456165 |
| 1265 | | 1,553,503 | 0.083646 |
| 1270 | | 20,788,074 | 1.119303 |
| 1275 | | 1,419,043 | 0.076406 |
| 1280 | | 3,887,774 | 0.209331 |
| 1285 | | 6,734,433 | 0.362606 |
| 1290 | | 2,714,699 | 0.146169 |
| 1295 | | 1,079,802 | 0.058140 |
| 1300 | | 10,170,029 | 0.547590 |
| 1305 | | 28,169,565 | 1.516748 |
| 2005 | | 1,540,535 | 0.082948 |
| 2006 | | 1,386,383 | 0.074648 |
| 2007 | | 3,787,495 | 0.203932 |
| 2008 | | 3,366,291 | 0.181253 |
| 2009 | | 2,676,602 | 0.144118 |
| 2010 | | 8,694,769 | 0.468157 |
| 2014 | | 1,156,180 | 0.062253 |
| 2015 | | 2,518,138 | 0.135585 |
| 2016 | | 1,020,351 | 0.054939 |
| 2018 | | 2,367,521 | 0.127476 |
| 2020 | | 6,153,696 | 0.331337 |
| 2025 | | 4,691,493 | 0.252606 |
| 2030 | | 3,996,607 | 0.215191 |
| 2035 | | 1,329,793 | 0.071601 |
| 2040 | | 7,453,562 | 0.401326 |
| 2044 | | 1,781,808 | 0.095939 |
| 2045 | | 4,483,289 | 0.241396 |
| 2046 | | 3,753,586 | 0.202106 |
| 2047 | | 18,298,806 | 0.985272 |
| 2048 | | 4,234,222 | 0.227985 |

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Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 2050 | \$ | 3,205,727 | 0.172608 % |
| 2052 | | 2,966,990 | 0.159753 |
| 2055 | | 2,420,548 | 0.130331 |
| 2056 | | 3,107,567 | 0.167322 |
| 2057 | | 4,008,670 | 0.215841 |
| 2058 | | 2,465,150 | 0.132732 |
| 2059 | | 4,012,824 | 0.216065 |
| 2060 | | 1,051,769 | 0.056631 |
| 2061 | | 1,171,503 | 0.063078 |
| 2062 | | 1,891,467 | 0.101843 |
| 2063 | | 941,442 | 0.050691 |
| 2064 | | 2,938,361 | 0.158212 |
| 2065 | | 2,425,158 | 0.130579 |
| 2066 | | 6,190,371 | 0.333311 |
| 2067 | | 9,406,328 | 0.506470 |
| 2068 | | 8,252,116 | 0.444323 |
| 2069 | | 1,140,865 | 0.061428 |
| 2070 | | 1,545,559 | 0.083218 |
| 2071 | | 1,252,965 | 0.067464 |
| 2072 | | 1,452,534 | 0.078210 |
| 2073 | | 3,039,899 | 0.163679 |
| 2074 | | 3,222,083 | 0.173488 |
| 2075 | | 5,881,992 | 0.316707 |
| 2076 | | 3,549,585 | 0.191122 |
| 2077 | | 1,016,180 | 0.054715 |
| 2078 | | 9,533,321 | 0.513308 |
| 2079 | | 5,262,535 | 0.283353 |
| 2080 | | 1,199,192 | 0.064569 |
| 2081 | | 1,515,586 | 0.081605 |
| 2082 | | 851,377 | 0.045841 |
| 2083 | | 1,995,559 | 0.107448 |
| 2084 | | 3,315,376 | 0.178511 |
| 2085 | | 1,613,117 | 0.086856 |
| 2086 | | 5,639,571 | 0.303654 |
| 2090 | | 2,474,134 | 0.133216 |
| 2095 | | 2,392,548 | 0.128823 |
| 2104 | | 1,385,370 | 0.074593 |
| 2105 | | 1,259,298 | 0.067805 |
| 2110 | | 3,785,207 | 0.203809 |
| 2112 | | 2,580,759 | 0.138957 |
| 2115 | | 5,406,083 | 0.291083 |

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Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|--------------------------|----|---|---|
| 2120 | \$ | 9,696,355 | 0.522086 % |
| 2125 | | 1,012,743 | 0.054530 |
| 2130 | | 1,834,641 | 0.098784 |
| 2135 | | 3,404,868 | 0.183330 |
| 2140 | | 2,994,462 | 0.161232 |
| 2145 | | 4,381,944 | 0.235939 |
| 2146 | | 4,503,455 | 0.242482 |
| 2147 | | 1,154,407 | 0.062157 |
| 2148 | | 2,750,399 | 0.148091 |
| 2149 | | 1,839,651 | 0.099053 |
| 2150 | | 732,477 | 0.039439 |
| 2155 | | 2,795,022 | 0.150494 |
| 2160 | | 5,216,257 | 0.280862 |
| 2165 | | 1,685,864 | 0.090773 |
| 2170 | | 7,566,812 | 0.407424 |
| 2175 | | 684,402 | 0.036851 |
| 2180 | | 1,429,197 | 0.076953 |
| 2185 | | 8,055,806 | 0.433753 |
| 2187 | | 3,764,532 | 0.202696 |
| 2190 | | 5,256,477 | 0.283027 |
| 2191 | | 3,666,867 | 0.197437 |
| 2195 | | 1,115,149 | 0.060044 |
| 2196 | | 1,255,226 | 0.067586 |
| 2198 | | 2,629,003 | 0.141555 |
| 2200 | | 11,203,344 | 0.603227 |
| 2204 | | 10,112,327 | 0.544483 |
| 2205 | | 298,536 | 0.016074 |
| 2206 | | 1,497,572 | 0.080635 |
| 2207 | | 2,864,602 | 0.154240 |
| 2208 | | 4,615,090 | 0.248493 |
| 2209 | | 11,046,553 | 0.594785 |
| 2210 | | 2,945,989 | 0.158622 |
| 2212 | | 3,962,953 | 0.213379 |
| 2215 | | 5,694,416 | 0.306607 |
| 2220 | | 2,353,177 | 0.126703 |
| 2224 | | 5,111,252 | 0.275208 |
| 2225 | | 9,155,486 | 0.492964 |
| 2230 | | 7,307,296 | 0.393450 |
| 2231 | | 3,689,869 | 0.198675 |
| 2235 | | 732,693 | 0.039451 |
| 2239 | | 3,437,777 | 0.185102 |

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Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 2240 | \$ | 6,267,704 | 0.337475 % |
| 2241 | | 1,009,072 | 0.054332 |
| 2242 | | 1,764,642 | 0.095015 |
| 2243 | | 1,777,933 | 0.095730 |
| 2244 | | 1,050,358 | 0.056555 |
| 2245 | | 2,877,035 | 0.154910 |
| 2250 | | 1,660,295 | 0.089396 |
| 2255 | | 5,307,536 | 0.285776 |
| 2260 | | 3,729,036 | 0.200784 |
| 2266 | | 3,054,231 | 0.164451 |
| 2268 | | 1,684,749 | 0.090713 |
| 2270 | | 2,917,787 | 0.157104 |
| 2271 | | 1,994,100 | 0.107369 |
| 2272 | | 3,095,080 | 0.166650 |
| 2275 | | 5,704,789 | 0.307166 |
| 2280 | | 1,856,077 | 0.099938 |
| 2281 | | 1,145,591 | 0.061683 |
| 2282 | | 5,171,780 | 0.278467 |
| 2285 | | 7,265,828 | 0.391218 |
| 2286 | | 3,929,326 | 0.211569 |
| 2288 | | 2,325,198 | 0.125197 |
| 2289 | | 7,310,119 | 0.393602 |
| 2290 | | 4,061,699 | 0.218696 |
| 2295 | | 1,841,183 | 0.099136 |
| 2300 | | 4,131,134 | 0.222435 |
| 2305 | | 985,910 | 0.053085 |
| 2310 | | 11,001,206 | 0.592344 |
| 2315 | | 1,776,333 | 0.095644 |
| 2317 | | 1,733,815 | 0.093355 |
| 2320 | | 7,368,308 | 0.396736 |
| 2325 | | 6,547,803 | 0.352557 |
| 2328 | | 1,504,952 | 0.081032 |
| 2330 | | 3,809,532 | 0.205119 |
| 2335 | | 4,305,519 | 0.231824 |
| 2338 | | 5,953,062 | 0.320534 |
| 2339 | | 1,710,648 | 0.092107 |
| 2340 | | 1,962,449 | 0.105665 |
| 2345 | | 2,496,335 | 0.134411 |
| 2350 | | 6,833,039 | 0.367915 |
| 2355 | | 4,832,101 | 0.260177 |
| 2360 | | 3,537,146 | 0.190452 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 2361 | \$ | 1,522,779 | 0.081992 % |
| 2362 | | 1,721,387 | 0.092686 |
| 2363 | | 1,085,102 | 0.058426 |
| 2364 | | 2,100,155 | 0.113080 |
| 2365 | | 10,371,457 | 0.558436 |
| 2370 | | 1,738,379 | 0.093600 |
| 2375 | | 1,474,892 | 0.079413 |
| 2377 | | 2,002,149 | 0.107803 |
| 2378 | | 10,873,675 | 0.585477 |
| 2379 | | 10,894,707 | 0.586609 |
| 2380 | | 4,302,648 | 0.231670 |
| 2381 | | 2,304,481 | 0.124081 |
| 2383 | | 7,694,601 | 0.414304 |
| 2384 | | 4,925,377 | 0.265200 |
| 2385 | | 3,289,984 | 0.177144 |
| 2389 | | 2,973,517 | 0.160105 |
| 2390 | | 5,903,373 | 0.317858 |
| 2391 | | 2,975,121 | 0.160191 |
| 2394 | | 2,118,097 | 0.114046 |
| 2395 | | 1,737,878 | 0.093573 |
| 2396 | | 1,350,252 | 0.072702 |
| 2400 | | 10,068,303 | 0.542113 |
| 2401 | | 2,444,791 | 0.131636 |
| 2402 | | 5,940,971 | 0.319883 |
| 2403 | | 2,760,548 | 0.148638 |
| 2405 | | 3,695,445 | 0.198976 |
| 2406 | | 5,098,611 | 0.274527 |
| 2408 | | 5,209,144 | 0.280479 |
| 2409 | | 1,058,445 | 0.056990 |
| 2410 | | 6,766,074 | 0.364309 |
| 2415 | | 7,853,162 | 0.422842 |
| 2420 | | 3,973,927 | 0.213970 |
| 2425 | | 7,687,504 | 0.413922 |
| 2426 | | 2,139,295 | 0.115187 |
| 2428 | | 4,211,592 | 0.226767 |
| 2430 | | 6,196,463 | 0.333639 |
| 2435 | | 1,695,500 | 0.091292 |
| 2440 | | 2,739,700 | 0.147515 |
| 2441 | | 1,600,561 | 0.086180 |
| 2445 | | 7,812,724 | 0.420665 |
| 2450 | | 3,130,705 | 0.168568 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|--------------------------|----|---|---|
| 2455 | \$ | 3,928,374 | 0.211517 % |
| 2458 | | 3,862,336 | 0.207962 |
| 2460 | | 1,454,341 | 0.078307 |
| 2464 | | 1,274,417 | 0.068619 |
| 2465 | | 672,079 | 0.036187 |
| 2466 | | 1,618,100 | 0.087124 |
| 2467 | | 2,279,870 | 0.122756 |
| 2468 | | 1,821,926 | 0.098099 |
| 2469 | | 4,955,151 | 0.266803 |
| 2470 | | 4,557,413 | 0.245387 |
| 2471 | | 4,865,051 | 0.261951 |
| 2475 | | 7,424,005 | 0.399735 |
| 2480 | | 2,411,652 | 0.129852 |
| 2485 | | 5,137,995 | 0.276648 |
| 2490 | | 7,345,286 | 0.395496 |
| 2495 | | 983,734 | 0.052968 |
| 2497 | | 2,430,653 | 0.130875 |
| 2498 | | 2,123,352 | 0.114329 |
| 2500 | | 5,900,127 | 0.317684 |
| 2504 | | 3,622,217 | 0.195033 |
| 2505 | | 5,063,780 | 0.272652 |
| 2507 | | 959,733 | 0.051675 |
| 2508 | | 2,693,999 | 0.145054 |
| 2509 | | 4,868,839 | 0.262155 |
| 2510 | | 1,965,993 | 0.105856 |
| 2512 | | 14,192,238 | 0.764160 |
| 2514 | | 1,336,329 | 0.071953 |
| 2515 | | 1,159,674 | 0.062441 |
| 2520 | | 2,737,653 | 0.147405 |
| 2525 | | 3,892,553 | 0.209589 |
| 2530 | | 7,501,249 | 0.403894 |
| 2533 | | 1,821,084 | 0.098054 |
| 2535 | | 2,219,898 | 0.119527 |
| 2540 | | 5,175,579 | 0.278671 |
| 2541 | | 3,178,872 | 0.171162 |
| 2542 | | 1,908,193 | 0.102744 |
| 2545 | | 988,772 | 0.053239 |
| 2547 | | 7,069,133 | 0.380627 |
| 2550 | | 839,714 | 0.045213 |
| 2551 | | 1,256,368 | 0.067647 |
| 2555 | | 1,338,667 | 0.072079 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 2557 | \$ | 10,952,279 | 0.589709 % |
| 2559 | | 1,137,617 | 0.061253 |
| 2560 | | 1,320,050 | 0.071076 |
| 2561 | | 4,348,701 | 0.234149 |
| 2562 | | 5,161,433 | 0.277910 |
| 2563 | | 5,592,265 | 0.301107 |
| 2564 | | 7,119,881 | 0.383359 |
| 2565 | | 4,275,109 | 0.230187 |
| 2570 | | 3,010,777 | 0.162111 |
| 2573 | | 3,139,616 | 0.169048 |
| 2574 | | 1,048,869 | 0.056475 |
| 2575 | | 10,579,578 | 0.569642 |
| 2576 | | 2,205,952 | 0.118776 |
| 2580 | | 5,942,132 | 0.319945 |
| 2582 | | 1,353,468 | 0.072875 |
| 2584 | | 3,462,482 | 0.186432 |
| 2585 | | 11,936,889 | 0.642724 |
| 2590 | | 3,890,442 | 0.209475 |
| 2593 | | 9,502,307 | 0.511638 |
| 2595 | | 817,713 | 0.044029 |
| 2600 | | 1,419,892 | 0.076452 |
| 2605 | | 710,451 | 0.038253 |
| 2610 | | 9,877,477 | 0.531838 |
| 2611 | | 2,583,869 | 0.139125 |
| 2612 | | 3,136,187 | 0.168863 |
| 2613 | | 3,023,769 | 0.162810 |
| 2614 | | 3,962,795 | 0.213371 |
| 2615 | | 10,665,723 | 0.574280 |
| 2616 | | 3,778,788 | 0.203463 |
| 2617 | | 4,025,864 | 0.216767 |
| 2618 | | 1,037,677 | 0.055872 |
| 2619 | | 2,262,786 | 0.121836 |
| 2620 | | 759,438 | 0.040891 |
| 2625 | | 1,287,412 | 0.069319 |
| 2626 | | 924,363 | 0.049771 |
| 2630 | | 1,041,583 | 0.056083 |
| 2632 | | 2,073,435 | 0.111641 |
| 2633 | | 7,267,780 | 0.391323 |
| 2635 | | 990,432 | 0.053328 |
| 2640 | | 2,359,797 | 0.127060 |
| 2641 | | 1,403,760 | 0.075583 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 2642 | \$ | 5,858,766 | 0.315457 % |
| 2643 | | 5,342,296 | 0.287648 |
| 2644 | | 4,971,888 | 0.267704 |
| 2645 | | 6,364,066 | 0.342664 |
| 2648 | | 1,228,668 | 0.066156 |
| 2649 | | 2,552,862 | 0.137455 |
| 2650 | | 565,069 | 0.030425 |
| 2651 | | 9,217,679 | 0.496312 |
| 2652 | | 1,026,402 | 0.055265 |
| 2653 | | 1,496,378 | 0.080570 |
| 2654 | | 9,434,671 | 0.507996 |
| 2655 | | 5,231,254 | 0.281669 |
| 2656 | | 5,003,884 | 0.269427 |
| 3032 | | 699,523 | 0.037665 |
| 3041 | | 293,742 | 0.015816 |
| 3042 | | 835,592 | 0.044991 |
| 3043 | | 869,293 | 0.046806 |
| 3044 | | 553,406 | 0.029797 |
| 3048 | | 278,474 | 0.014994 |
| 3077 | | 703,647 | 0.037887 |
| 3078 | | 312,068 | 0.016803 |
| 3079 | | 198,583 | 0.010692 |
| 3081 | | 352,315 | 0.018970 |
| 3082 | | 647,476 | 0.034862 |
| 3101 | | 308,050 | 0.016586 |
| 3105 | | 309,535 | 0.016666 |
| 3106 | | 550,634 | 0.029648 |
| 3107 | | 481,579 | 0.025930 |
| 3126 | | 647,721 | 0.034876 |
| 3128 | | 525,834 | 0.028313 |
| 3178 | | 891,776 | 0.048016 |
| 3179 | | 611,762 | 0.032939 |
| 3201 | | 350,945 | 0.018896 |
| 3202 | | 628,977 | 0.033866 |
| 3204 | | 615,101 | 0.033119 |
| 3206 | | 711,693 | 0.038320 |
| 3208 | | 314,504 | 0.016934 |
| 3226 | | 823,023 | 0.044314 |
| 3229 | | 532,733 | 0.028684 |
| 3231 | | 756,954 | 0.040757 |
| 3232 | | 380,455 | 0.020485 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 3276 | \$ | 737,941 | 0.039733 % |
| 3277 | | 852,287 | 0.045890 |
| 3278 | | 594,204 | 0.031994 |
| 3280 | | 710,220 | 0.038241 |
| 3281 | | 730,242 | 0.039319 |
| 3284 | | 780,299 | 0.042014 |
| 3303 | | 792,334 | 0.042662 |
| 3304 | | 412,084 | 0.022188 |
| 3305 | | 526,337 | 0.028340 |
| 3306 | | 530,833 | 0.028582 |
| 3307 | | 204,735 | 0.011024 |
| 3308 | | 425,021 | 0.022885 |
| 3309 | | 726,898 | 0.039139 |
| 3326 | | 651,294 | 0.035068 |
| 3327 | | 846,180 | 0.045561 |
| 3328 | | 454,680 | 0.024482 |
| 3329 | | 575,518 | 0.030988 |
| 3330 | | 858,495 | 0.046224 |
| 3331 | | 1,035,960 | 0.055780 |
| 3332 | | 438,275 | 0.023598 |
| 3452 | | 1,098,940 | 0.059171 |
| 3453 | | 362,795 | 0.019534 |
| 3458 | | 773,239 | 0.041634 |
| 3460 | | 1,163,835 | 0.062665 |
| 3464 | | 313,126 | 0.016860 |
| 3465 | | 226,096 | 0.012174 |
| 3466 | | 601,027 | 0.032361 |
| 3467 | | 299,294 | 0.016115 |
| 3468 | | 63,966 | 0.003444 |
| 3470 | | 277,981 | 0.014967 |
| 3471 | | 252,017 | 0.013569 |
| 3472 | | 227,740 | 0.012262 |
| 3526 | | 561,914 | 0.030255 |
| 3527 | | 477,542 | 0.025713 |
| 3528 | | 462,061 | 0.024879 |
| 3531 | | 668,319 | 0.035985 |
| 3552 | | 202,706 | 0.010914 |
| 3559 | | 534,016 | 0.028753 |
| 3560 | | 663,165 | 0.035707 |
| 3561 | | 738,259 | 0.039750 |
| 3576 | | 294,999 | 0.015884 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 3577 | \$ | 645,754 | 0.034770 % |
| 3579 | | 336,605 | 0.018124 |
| 3585 | | 749,909 | 0.040378 |
| 3586 | | 809,053 | 0.043562 |
| 3589 | | 641,488 | 0.034540 |
| 3591 | | 301,140 | 0.016214 |
| 3592 | | 690,536 | 0.037181 |
| 3593 | | 1,255,301 | 0.067590 |
| 3594 | | 307,762 | 0.016571 |
| 3626 | | 1,374,287 | 0.073996 |
| 3629 | | 888,139 | 0.047821 |
| 3630 | | 1,395,623 | 0.075145 |
| 3631 | | 1,167,870 | 0.062882 |
| 3632 | | 2,072,361 | 0.111583 |
| 3635 | | 1,426,452 | 0.076805 |
| 3636 | | 1,180,244 | 0.063548 |
| 3658 | | 1,138,681 | 0.061311 |
| 3679 | | 1,228,532 | 0.066148 |
| 3702 | | 689,191 | 0.037108 |
| 3709 | | 560,256 | 0.030166 |
| 3805 | | 434,269 | 0.023383 |
| 3821 | | 625,538 | 0.033681 |
| 3822 | | 233,507 | 0.012573 |
| 3854 | | 1,340,254 | 0.072164 |
| 3855 | | 758,384 | 0.040834 |
| 3856 | | 146,778 | 0.007903 |
| 3927 | | 860,175 | 0.046315 |
| 3928 | | 376,578 | 0.020276 |
| 3929 | | 793,391 | 0.042719 |
| 3930 | | 695,368 | 0.037441 |
| 3931 | | 937,356 | 0.050471 |
| 3932 | | 682,283 | 0.036737 |
| 3934 | | 130,809 | 0.007043 |
| 3979 | | 473,060 | 0.025471 |
| 3980 | | 443,401 | 0.023874 |
| 3981 | | 316,120 | 0.017021 |
| 3982 | | 159,334 | 0.008579 |
| 3983 | | 336,371 | 0.018111 |
| 3986 | | 351,126 | 0.018906 |
| 3987 | | 274,861 | 0.014800 |
| 3988 | | 335,182 | 0.018047 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | Required employer contribution | Employer allocation percentage |
|------------------|--------------------------------------|--------------------------------------|
| 3989 | \$ 239,882 | 0.012916 % |
| 3990 | 344,877 | 0.018569 |
| 3991 | 404,671 | 0.021789 |
| 3992 | 372,670 | 0.020066 |
| 3994 | 658,547 | 0.035458 |
| 3995 | 344,296 | 0.018538 |
| 3996 | 277,239 | 0.014928 |
| 3997 | 310,362 | 0.016711 |
| 3998 | 297,047 | 0.015994 |
| 3999 | 325,164 | 0.017508 |
| 4004 | 160,624 | 0.008649 |
| 4007 | 236,680 | 0.012744 |
| 4008 | 84,230 | 0.004535 |
| 4009 | 1,388,329 | 0.074753 |
| 4010 | 134,723 | 0.007254 |
| 4014 | 653,784 | 0.035202 |
| 4015 | 400,846 | 0.021583 |
| 4020 | 794,449 | 0.042776 |
| 4021 | 1,097,876 | 0.059113 |
| 4022 | 803,895 | 0.043285 |
| 4027 | 775,929 | 0.041779 |
| 4028 | 147,885 | 0.007963 |
| 4029 | 885,059 | 0.047655 |
| 4030 | 522,220 | 0.028118 |
| 4031 | 484,652 | 0.026095 |
| 4034 | 417,914 | 0.022502 |
| 4036 | 670,136 | 0.036082 |
| 4101 | 403,360 | 0.021718 |
| 4104 | 367,088 | 0.019765 |
| 4124 | 35,448 | 0.001909 |
| 4126 | 1,266,632 | 0.068200 |
| 4128 | 800,692 | 0.043112 |
| 4130 | 716,672 | 0.038588 |
| 4132 | 331,392 | 0.017843 |
| 4134 | 320,516 | 0.017258 |
| 4135 | 247,544 | 0.013329 |
| 4137 | 361,353 | 0.019456 |
| 4142 | 1,150,438 | 0.061944 |
| 4143 | 918,098 | 0.049434 |
| 4144 | 575,561 | 0.030990 |
| 4149 | 316,611 | 0.017047 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 4151 | \$ | 817,273 | 0.044005 % |
| 4152 | | 735,292 | 0.039591 |
| 4153 | | 817,550 | 0.044020 |
| 4154 | | 431,854 | 0.023253 |
| 4155 | | 628,516 | 0.033842 |
| 4178 | | 613,776 | 0.033048 |
| 4180 | | 1,202,250 | 0.064733 |
| 4183 | | 787,171 | 0.042384 |
| 4184 | | 760,120 | 0.040928 |
| 4202 | | 500,154 | 0.026930 |
| 4203 | | 503,039 | 0.027085 |
| 4205 | | 354,103 | 0.019066 |
| 4206 | | 346,131 | 0.018637 |
| 4208 | | 1,856,240 | 0.099946 |
| 4258 | | 596,767 | 0.032132 |
| 4259 | | 600,595 | 0.032338 |
| 4260 | | 954,893 | 0.051415 |
| 4301 | | 1,835,049 | 0.098805 |
| 4351 | | 2,716,024 | 0.146240 |
| 4353 | | 1,604,657 | 0.086400 |
| 4355 | | 2,647,046 | 0.142526 |
| 4356 | | 4,208,882 | 0.226621 |
| 4357 | | 1,972,323 | 0.106197 |
| 4358 | | 1,487,846 | 0.080111 |
| 4360 | | 1,569,920 | 0.084530 |
| 4361 | | 2,702,079 | 0.145489 |
| 4363 | | 1,562,535 | 0.084132 |
| 4364 | | 1,761,654 | 0.094854 |
| 4365 | | 1,328,685 | 0.071541 |
| 4366 | | 5,865,625 | 0.315826 |
| 4367 | | 9,872,937 | 0.531594 |
| 4368 | | 7,571,017 | 0.407650 |
| 4428 | | 424,163 | 0.022838 |
| 4430 | | 526,486 | 0.028348 |
| 4434 | | 189,970 | 0.010229 |
| 4437 | | 743,633 | 0.040040 |
| 4438 | | 567,650 | 0.030564 |
| 4439 | | 721,664 | 0.038857 |
| 4504 | | 505,141 | 0.027199 |
| 4531 | | 702,558 | 0.037828 |
| 4532 | | 1,019,271 | 0.054881 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 4533 | \$ | 759,754 | 0.040908 % |
| 4534 | | 770,891 | 0.041507 |
| 4557 | | 397,944 | 0.021427 |
| 4582 | | 832,244 | 0.044811 |
| 4583 | | 621,960 | 0.033489 |
| 4586 | | 728,396 | 0.039219 |
| 4588 | | 638,452 | 0.034376 |
| 4590 | | 680,279 | 0.036629 |
| 4592 | | 387,024 | 0.020839 |
| 4593 | | 773,757 | 0.041662 |
| 4594 | | 869,582 | 0.046821 |
| 4595 | | 826,546 | 0.044504 |
| 4596 | | 631,589 | 0.034007 |
| 4597 | | 962,646 | 0.051832 |
| 4598 | | 873,552 | 0.047035 |
| 4604 | | 1,118,091 | 0.060202 |
| 4617 | | 474,360 | 0.025541 |
| 4620 | | 767,749 | 0.041338 |
| 4651 | | 947,902 | 0.051038 |
| 4653 | | 2,968,675 | 0.159844 |
| 4654 | | 3,458,122 | 0.186197 |
| 4662 | | 672,232 | 0.036195 |
| 4663 | | 908,097 | 0.048895 |
| 4679 | | 755,474 | 0.040677 |
| 4680 | | 548,997 | 0.029560 |
| 4701 | | 1,041,506 | 0.056078 |
| 4703 | | 900,586 | 0.048491 |
| 4704 | | 854,950 | 0.046034 |
| 4705 | | 1,158,321 | 0.062368 |
| 4854 | | 1,073,890 | 0.057822 |
| 4855 | | 362,481 | 0.019517 |
| 4857 | | 2,191,308 | 0.117988 |
| 4862 | | 2,031,136 | 0.109364 |
| 4863 | | 2,399,276 | 0.129185 |
| 4877 | | 984,507 | 0.053009 |
| 4879 | | 750,208 | 0.040394 |
| 4883 | | 23,861 | 0.001285 |
| 4884 | | 320,876 | 0.017277 |
| 4885 | | 848,231 | 0.045672 |
| 4890 | | 1,335,077 | 0.071885 |
| 4892 | | 1,220,596 | 0.065721 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | Required employer contribution | Employer allocation percentage |
|------------------|--------------------------------------|--------------------------------------|
| 4894 | \$ 1,223,024 | 0.065852 % |
| 4901 | 812,821 | 0.043765 |
| 4905 | 334,021 | 0.017985 |
| 4906 | 1,093,716 | 0.058890 |
| 4907 | 1,716,351 | 0.092414 |
| 4908 | 475,783 | 0.025618 |
| 4909 | 1,278,966 | 0.068864 |
| 4910 | 622,874 | 0.033538 |
| 4976 | 296,041 | 0.015940 |
| 4978 | 312,483 | 0.016825 |
| 4979 | 466,325 | 0.025109 |
| 4980 | 237,251 | 0.012774 |
| 4981 | 291,919 | 0.015718 |
| 4982 | 428,182 | 0.023055 |
| 4983 | 321,833 | 0.017329 |
| 5001 | 630,572 | 0.033952 |
| 5002 | 410,496 | 0.022103 |
| 5003 | 513,915 | 0.027671 |
| 5026 | 362,049 | 0.019494 |
| 5027 | 731,763 | 0.039401 |
| 5028 | 338,020 | 0.018200 |
| 5076 | 964,133 | 0.051912 |
| 5078 | 765,726 | 0.041229 |
| 5102 | 2,413,741 | 0.129964 |
| 5103 | 1,292,247 | 0.069579 |
| 5107 | 869,747 | 0.046830 |
| 5108 | 750,365 | 0.040402 |
| 5251 | 567,883 | 0.030577 |
| 5253 | 799,832 | 0.043066 |
| 5276 | 1,029,191 | 0.055415 |
| 5281 | 344,914 | 0.018571 |
| 5282 | 401,724 | 0.021630 |
| 5301 | 434,038 | 0.023370 |
| 5303 | 258,131 | 0.013899 |
| 5305 | 311,221 | 0.016757 |
| 5306 | 516,676 | 0.027820 |
| 5307 | 703,743 | 0.037892 |
| 5308 | 503,374 | 0.027103 |
| 5309 | 230,408 | 0.012406 |
| 5351 | 3,032,860 | 0.163300 |
| 5352 | 32,375 | 0.001743 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 5353 | \$ | 341,295 | 0.018377 % |
| 5354 | | 982,760 | 0.052915 |
| 5355 | | 1,918,461 | 0.103297 |
| 5356 | | 678,989 | 0.036559 |
| 5357 | | 2,800,759 | 0.150803 |
| 5358 | | 5,765,082 | 0.310412 |
| 5359 | | 519,292 | 0.027961 |
| 5360 | | 368,177 | 0.019824 |
| 5361 | | 2,729,231 | 0.146951 |
| 5362 | | 281,683 | 0.015167 |
| 5363 | | 2,432,630 | 0.130981 |
| 5364 | | 619,658 | 0.033365 |
| 5365 | | 25,403 | 0.001368 |
| 5367 | | 626,819 | 0.033750 |
| 5368 | | 509,987 | 0.027459 |
| 5369 | | 161,466 | 0.008694 |
| 5371 | | 187,725 | 0.010108 |
| 5372 | | 1,384,074 | 0.074523 |
| 5375 | | 1,909,243 | 0.102800 |
| 5376 | | 818,347 | 0.044063 |
| 5379 | | 28,729 | 0.001547 |
| 5380 | | 359,327 | 0.019347 |
| 5403 | | 4,409,444 | 0.237420 |
| 5406 | | 1,818,892 | 0.097936 |
| 5407 | | 2,911,703 | 0.156776 |
| 5408 | | 3,075,357 | 0.165588 |
| 5409 | | 3,552,799 | 0.191295 |
| 5415 | | 1,970,419 | 0.106094 |
| 5416 | | 743,093 | 0.040011 |
| 5418 | | 3,718,350 | 0.200209 |
| 5420 | | 3,461,975 | 0.186405 |
| 5427 | | 174,350 | 0.009388 |
| 5457 | | 2,721,736 | 0.146548 |
| 5458 | | 2,929,483 | 0.157734 |
| 5501 | | 1,193,834 | 0.064280 |
| 5504 | | 1,117,600 | 0.060176 |
| 5505 | | 334,303 | 0.018000 |
| 5506 | | 540,718 | 0.029114 |
| 5507 | | 611,419 | 0.032921 |
| 5527 | | 656,785 | 0.035364 |
| 5528 | | 757,331 | 0.040777 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | Required employer contribution | Employer allocation percentage |
|------------------|--------------------------------------|--------------------------------------|
| 5530 | \$ 891,791 | 0.048017 % |
| 5533 | 416,035 | 0.022401 |
| 5534 | 623,301 | 0.033561 |
| 5535 | 1,118,540 | 0.060226 |
| 5541 | 610,390 | 0.032866 |
| 5601 | 1,701,526 | 0.091616 |
| 5676 | 453,422 | 0.024414 |
| 5677 | 390,557 | 0.021029 |
| 5678 | 523,748 | 0.028200 |
| 5679 | 937,532 | 0.050480 |
| 5680 | 870,421 | 0.046867 |
| 5681 | 417,381 | 0.022473 |
| 5682 | 506,291 | 0.027260 |
| 5683 | 789,444 | 0.042506 |
| 5684 | 325,579 | 0.017530 |
| 5685 | 537,272 | 0.028929 |
| 5687 | 961,665 | 0.051779 |
| 5688 | 348,452 | 0.018762 |
| 5691 | 144,542 | 0.007783 |
| 5692 | 762,377 | 0.041049 |
| 5693 | 231,919 | 0.012487 |
| 5694 | 198,369 | 0.010681 |
| 5695 | 214,373 | 0.011543 |
| 5801 | 2,713,687 | 0.146114 |
| 5806 | 1,561,891 | 0.084098 |
| 5807 | 504,214 | 0.027149 |
| 5812 | 636,628 | 0.034278 |
| 5813 | 778,845 | 0.041936 |
| 5817 | 2,327,859 | 0.125340 |
| 5820 | 696,421 | 0.037498 |
| 5821 | 1,087,222 | 0.058540 |
| 5822 | 1,433,878 | 0.077205 |
| 5823 | 316,919 | 0.017064 |
| 6001 | 2,932,028 | 0.157871 |
| 6005 | 2,231,875 | 0.120172 |
| 6008 | 2,081,654 | 0.112084 |
| 6011 | 1,062,975 | 0.057234 |
| 6018 | 1,144,491 | 0.061623 |
| 6022 | 1,142,381 | 0.061510 |
| 6026 | 2,123,609 | 0.114343 |
| 6027 | 3,125,896 | 0.168309 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | Required employer contribution | Employer allocation percentage |
|------------------|--------------------------------------|--------------------------------------|
| 6028 | \$ 2,506,000 | 0.134932 % |
| 6036 | 521,981 | 0.028105 |
| 6040 | 765,567 | 0.041221 |
| 6041 | 1,152,995 | 0.062081 |
| 6042 | 1,023,700 | 0.055120 |
| 6044 | 1,643,608 | 0.088498 |
| 6048 | 1,361,845 | 0.073327 |
| 6050 | 1,492,645 | 0.080369 |
| 6051 | 3,565,259 | 0.191966 |
| 6052 | 2,477,972 | 0.133423 |
| 6056 | 10,345,165 | 0.557020 |
| 6057 | 2,066,869 | 0.111287 |
| 6061 | 3,869,159 | 0.208329 |
| 6065 | 4,393,227 | 0.236547 |
| 6067 | 2,292,533 | 0.123438 |
| 6068 | 1,546,587 | 0.083274 |
| 6074 | 2,527,021 | 0.136064 |
| 6075 | 1,981,191 | 0.106674 |
| 6078 | 4,887,608 | 0.263166 |
| 6079 | 2,226,686 | 0.119893 |
| 6091 | 9,776,150 | 0.526382 |
| 6093 | 5,006,136 | 0.269548 |
| 6094 | 3,109,473 | 0.167425 |
| 6095 | 1,251,894 | 0.067406 |
| 6097 | 1,028,802 | 0.055394 |
| 6099 | 1,347,621 | 0.072561 |
| 6104 | 2,015,967 | 0.108547 |
| 6105 | 3,357,759 | 0.180794 |
| 6109 | 3,208,736 | 0.172770 |
| 6507 | 115,018 | 0.006193 |
| 6511 | 56,655 | 0.003051 |
| 7000 | 15,021,122 | 0.808790 |
| 7500 | 133,103 | 0.007167 |
| 7501 | 283,075 | 0.015242 |
| 7502 | 41,828 | 0.002252 |
| 8000 | 1,878,608 | 0.101151 |
| 8102 | 412,040 | 0.022186 |
| 8105 | 420,623 | 0.022648 |
| 8110 | 848,508 | 0.045687 |
| 8112 | 173,627 | 0.009349 |
| 8113 | 199,776 | 0.010757 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|------------------|----|--------------------------------------|--------------------------------------|
| 8115 | \$ | 225,291 | 0.012130 % |
| 8120 | | 675,864 | 0.036391 |
| 8124 | | 1,740,733 | 0.093727 |
| 8129 | | 541,953 | 0.029181 |
| 8130 | | 2,861,501 | 0.154073 |
| 8131 | | 350,224 | 0.018857 |
| 8133 | | 521,001 | 0.028053 |
| 8134 | | 215,357 | 0.011596 |
| 8135 | | 1,231,488 | 0.066308 |
| 8140 | | 260,115 | 0.014006 |
| 8142 | | 546,698 | 0.029436 |
| 8145 | | 455,515 | 0.024527 |
| 8146 | | 1,276,492 | 0.068731 |
| 8149 | | 155,024 | 0.008347 |
| 8150 | | 2,410,768 | 0.129804 |
| 8151 | | 1,234,354 | 0.066462 |
| 8153 | | 388,402 | 0.020913 |
| 8155 | | 710,705 | 0.038267 |
| 8160 | | 774,588 | 0.041707 |
| 8162 | | 214,891 | 0.011571 |
| 8166 | | 3,236,284 | 0.174253 |
| 8167 | | 137,528 | 0.007405 |
| 8168 | | 246,779 | 0.013287 |
| 8169 | | 256,302 | 0.013800 |
| 8170 | | 1,177,482 | 0.063400 |
| 8400 | | 525,790 | 0.028310 |
| 8402 | | 316,699 | 0.017052 |
| 8403 | | 293,443 | 0.015800 |
| 8406 | | 183,544 | 0.009883 |
| 8407 | | 1,185,731 | 0.063844 |
| 8409 | | 656,304 | 0.035338 |
| 8410 | | 240,622 | 0.012956 |
| 8412 | | 547,223 | 0.029464 |
| 8415 | | 551,371 | 0.029688 |
| 8416 | | 307,781 | 0.016572 |
| 8419 | | 257,826 | 0.013882 |
| 8420 | | 447,213 | 0.024080 |
| 8421 | | 265,559 | 0.014299 |
| 8422 | | 262,913 | 0.014156 |
| 8423 | | 202,200 | 0.010887 |
| 8424 | | 135,019 | 0.007270 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Employer Allocations

As of and for the fiscal year ended June 30, 2017

| District code | | Required employer contribution | Employer allocation percentage |
|--------------------------|----|---|---|
| 8425 | \$ | 234,942 | 0.012650 % |
| 8426 | | 166,348 | 0.008957 |
| 8427 | | 77,888 | 0.004194 |
| 8428 | | 412,592 | 0.022215 |
| 8429 | | 190,019 | 0.010231 |
| 8430 | | 220,716 | 0.011884 |
| 8431 | | 194,864 | 0.010492 |
| 8432 | | 222,116 | 0.011960 |
| 8433 | | 11,890 | 0.000640 |
| 8434 | | 9,510 | 0.000512 |

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, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| All districts | \$ (760,099,284) | 625,374,937 | 7,734,158,084 | 133,847,291 | 8,493,380,312 | 296,353,928 | 1,790,253,648 | — | 133,847,291 | 2,220,454,867 | 1,914,959,551 | 0 | 1,914,959,551 |
| 1005 | (4,027,038) | 3,313,263 | 40,975,894 | 116,107 | 44,405,264 | 1,570,096 | 9,484,839 | — | 2,418,229 | 13,473,163 | 10,145,536 | (421,893) | 9,723,643 |
| 1010 | (1,172,328) | 964,537 | 11,928,661 | 88,683 | 12,981,881 | 457,077 | 2,761,170 | — | 128,186 | 3,346,433 | 2,953,509 | (3,942) | 2,949,567 |
| 1015 | (1,373,357) | 1,129,935 | 13,974,171 | 129,830 | 15,233,936 | 535,456 | 3,234,652 | — | 611,964 | 4,382,072 | 3,459,972 | (75,117) | 3,384,855 |
| 1020 | (795,554) | 654,545 | 8,094,914 | 150,223 | 8,899,683 | 310,177 | 1,873,759 | — | 229,802 | 2,413,738 | 2,004,282 | (8,869) | 1,995,413 |
| 1025 | (1,209,157) | 994,839 | 12,303,408 | 62,854 | 13,361,101 | 471,436 | 2,847,914 | — | 94,149 | 3,413,499 | 3,046,293 | (7,067) | 3,039,228 |
| 1030 | (1,929,849) | 1,587,791 | 19,636,584 | 26,247 | 21,250,622 | 752,426 | 4,545,351 | — | 339,446 | 5,637,223 | 4,861,975 | (55,320) | 4,806,653 |
| 1035 | (13,960,812) | 11,486,318 | 142,053,978 | 1,475,180 | 155,015,476 | 5,443,159 | 32,881,750 | — | 11,518,784 | 49,843,693 | 35,172,234 | (1,631,551) | 33,540,684 |
| 1040 | (1,187,681) | 977,169 | 12,084,883 | 206,773 | 13,268,825 | 463,063 | 2,797,332 | — | 2,027 | 3,262,421 | 2,992,189 | 38,356 | 3,030,545 |
| 1045 | (679,959) | 559,439 | 6,918,715 | 98,739 | 7,576,893 | 265,108 | 1,601,500 | — | 86,203 | 1,952,811 | 1,713,058 | 1,898 | 1,714,956 |
| 1050 | (1,777,858) | 1,462,740 | 18,090,047 | 160,060 | 19,712,846 | 693,166 | 4,187,369 | — | 22,137 | 4,902,672 | 4,479,053 | 21,632 | 4,500,685 |
| 1055 | (855,416) | 703,798 | 8,704,029 | 51,137 | 9,458,964 | 333,517 | 2,014,753 | — | 110,809 | 2,459,079 | 2,155,097 | (13,151) | 2,141,946 |
| 1060 | (795,427) | 654,441 | 8,093,629 | 278,398 | 9,026,469 | 310,128 | 1,873,462 | — | 91,680 | 2,275,270 | 2,003,964 | 28,335 | 2,032,298 |
| 1065 | (1,650,595) | 1,358,034 | 16,795,130 | 573,131 | 18,726,296 | 643,548 | 3,887,630 | — | 226,775 | 4,757,953 | 4,158,435 | 65,689 | 4,224,124 |
| 1070 | (1,219,379) | 1,003,249 | 12,407,419 | 256,121 | 13,666,789 | 475,422 | 2,871,990 | — | 137,650 | 3,485,062 | 3,072,048 | 27,672 | 3,099,720 |
| 1075 | (833,375) | 685,663 | 8,479,752 | 74,548 | 9,239,962 | 324,923 | 1,962,839 | — | 175,270 | 2,463,033 | 2,099,567 | (20,378) | 2,079,189 |
| 1080 | (1,639,938) | 1,349,266 | 16,686,689 | 229,586 | 18,265,541 | 639,393 | 3,862,528 | — | — | 4,501,921 | 4,131,585 | 39,120 | 4,170,706 |
| 1085 | (707,205) | 581,856 | 7,195,946 | 224,486 | 8,002,288 | 275,731 | 1,665,672 | — | 124,771 | 2,066,174 | 1,781,699 | 11,456 | 1,793,155 |
| 1090 | (942,741) | 775,644 | 9,592,576 | 289,761 | 10,657,982 | 367,564 | 2,220,428 | — | 123,433 | 2,711,425 | 2,375,099 | 29,118 | 2,404,218 |
| 1095 | (472,511) | 388,761 | 4,807,893 | 291,433 | 5,488,086 | 184,227 | 1,112,900 | — | 91,907 | 1,389,034 | 1,190,423 | 29,993 | 1,220,416 |
| 1100 | (788,444) | 648,696 | 8,022,574 | 83,812 | 8,755,082 | 307,405 | 1,857,014 | — | 715,171 | 2,879,591 | 1,986,371 | (100,713) | 1,885,658 |
| 1105 | (1,835,597) | 1,510,245 | 18,677,552 | 402,699 | 20,590,496 | 715,678 | 4,323,361 | — | 129,277 | 5,168,315 | 4,624,518 | 44,489 | 4,669,008 |
| 1110 | (1,515,472) | 1,246,861 | 15,420,224 | 676,092 | 17,343,178 | 590,865 | 3,569,375 | — | 19,671 | 4,179,911 | 3,818,012 | 124,465 | 3,942,477 |
| 1115 | (487,497) | 401,090 | 4,960,379 | 119,459 | 5,480,928 | 190,070 | 1,148,197 | — | 150,331 | 1,488,598 | 1,228,178 | (7,626) | 1,220,552 |
| 1120 | (3,041,989) | 2,502,810 | 30,952,833 | 51,184 | 33,506,826 | 1,186,036 | 7,164,765 | — | 720,591 | 9,071,392 | 7,663,849 | (124,375) | 7,539,475 |
| 1125 | (716,293) | 589,333 | 7,288,423 | 139,577 | 8,017,334 | 279,274 | 1,687,078 | — | 88,133 | 2,054,485 | 1,804,597 | 8,045 | 1,812,642 |
| 1130 | (315,876) | 259,888 | 3,214,097 | 38,999 | 3,512,984 | 123,156 | 743,979 | — | 46,457 | 913,592 | 795,803 | (6) | 795,796 |
| 1135 | (1,659,818) | 1,365,622 | 16,888,970 | 349,459 | 18,604,051 | 647,144 | 3,909,351 | — | — | 4,556,495 | 4,181,670 | 62,937 | 4,244,606 |
| 1140 | (2,621,189) | 2,156,594 | 26,671,107 | 850,400 | 29,678,102 | 1,021,971 | 6,173,658 | — | 345,547 | 7,541,176 | 6,603,704 | 92,097 | 6,695,801 |
| 1145 | (384,972) | 316,737 | 3,917,166 | — | 4,233,904 | 150,096 | 906,721 | — | 80,299 | 1,137,116 | 969,881 | (14,437) | 955,444 |
| 1150 | (2,816,565) | 2,317,341 | 28,659,098 | 517,955 | 31,494,394 | 1,098,146 | 6,633,826 | — | 327,949 | 8,059,921 | 7,095,926 | 44,869 | 7,140,795 |
| 1155 | (4,741,045) | 3,900,715 | 48,241,054 | 134,959 | 52,276,728 | 1,848,479 | 11,166,532 | — | 1,047,958 | 14,062,969 | 11,944,373 | (150,153) | 11,794,219 |
| 1160 | (5,351,622) | 4,403,070 | 54,453,797 | 237,308 | 59,094,176 | 2,086,536 | 12,604,618 | — | 93,211 | 14,784,364 | 13,482,634 | 28,767 | 13,511,401 |
| 1165 | (5,162,661) | 4,247,602 | 52,531,082 | 660,027 | 57,438,711 | 2,012,862 | 12,159,560 | — | 465,273 | 14,637,695 | 13,006,574 | 49,268 | 13,055,842 |
| 1170 | (2,328,056) | 1,915,418 | 23,688,424 | 614,412 | 26,218,254 | 907,682 | 5,483,245 | — | 115,706 | 6,506,634 | 5,865,199 | 95,431 | 5,960,630 |
| 1175 | (1,233,300) | 1,014,703 | 12,549,064 | 581,620 | 14,145,386 | 480,849 | 2,904,777 | — | 219,693 | 3,605,320 | 3,107,119 | 53,191 | 3,160,310 |
| 1180 | (626,756) | 515,666 | 6,377,367 | 58,822 | 6,951,856 | 244,365 | 1,476,192 | — | 79,174 | 1,799,732 | 1,579,021 | (5,418) | 1,573,604 |
| 1185 | (619,974) | 510,086 | 6,308,354 | 46,030 | 6,864,470 | 241,721 | 1,460,218 | — | 134,968 | 1,836,906 | 1,561,934 | (14,050) | 1,547,884 |
| 1190 | (656,671) | 540,279 | 6,681,757 | 166,469 | 7,388,505 | 256,029 | 1,546,651 | — | 388 | 1,803,068 | 1,654,387 | 28,520 | 1,682,908 |
| 1195 | (688,859) | 566,762 | 7,009,273 | 183,376 | 7,759,411 | 268,578 | 1,622,462 | — | 177,615 | 2,068,655 | 1,735,480 | (4,388) | 1,731,092 |
| 1200 | (671,612) | 552,572 | 6,833,784 | 42,313 | 7,428,670 | 261,854 | 1,581,841 | — | 13,656 | 1,857,351 | 1,692,029 | 4,316 | 1,696,346 |
| 1205 | (1,274,547) | 1,048,639 | 12,968,761 | 1,738,430 | 15,755,830 | 496,931 | 3,001,926 | — | 142,396 | 3,641,253 | 3,211,035 | 277,265 | 3,488,300 |
| 1210 | (1,579,932) | 1,299,896 | 16,076,116 | 1,150 | 17,377,162 | 615,997 | 3,721,197 | — | 324,110 | 4,661,304 | 3,980,409 | (56,568) | 3,923,841 |
| 1215 | (809,431) | 665,963 | 8,236,122 | 275,938 | 9,178,023 | 315,588 | 1,906,445 | — | 14,543 | 2,236,576 | 2,039,245 | 42,754 | 2,081,999 |
| 1220 | (1,142,080) | 939,651 | 11,620,887 | 104,129 | 12,664,666 | 445,284 | 2,689,929 | — | 7,636 | 3,142,848 | 2,877,305 | 18,602 | 2,895,907 |
| 1225 | (1,727,439) | 1,421,258 | 17,577,032 | 1,277,223 | 20,275,514 | 673,509 | 4,068,619 | — | 181,510 | 4,923,639 | 4,352,032 | 206,933 | 4,558,965 |
| 1230 | (368,673) | 303,327 | 3,751,319 | 83,419 | 4,138,066 | 143,741 | 868,332 | — | 30,704 | 1,042,777 | 928,818 | 9,718 | 938,536 |
| 1235 | (12,287,138) | 10,109,295 | 125,024,016 | 4,290,142 | 139,423,453 | 4,790,613 | 28,939,763 | — | 459,977 | 34,190,353 | 30,955,656 | 625,658 | 31,581,313 |
| 1240 | (1,839,419) | 1,513,390 | 18,716,446 | 369,175 | 20,599,011 | 717,168 | 4,332,364 | — | 400,540 | 5,450,072 | 4,634,148 | (13,798) | 4,620,351 |
| 1245 | (1,727,907) | 1,421,643 | 17,581,793 | 240,074 | 19,243,509 | 673,691 | 4,069,721 | — | 757,102 | 5,500,514 | 4,353,211 | (103,225) | 4,249,986 |
| 1250 | (506,097) | 416,393 | 5,149,632 | 22,124 | 5,588,150 | 197,321 | 1,192,004 | — | 121,165 | 1,510,491 | 1,275,037 | (16,449) | 1,258,588 |
| 1255 | (2,006,179) | 1,650,593 | 20,413,266 | 24,611 | 22,088,470 | 782,186 | 4,725,133 | — | 299,414 | 5,806,733 | 5,054,277 | (51,501) | 5,002,776 |
| 1260 | (3,467,304) | 2,852,739 | 35,280,493 | 313,155 | 38,446,388 | 1,351,862 | 8,166,504 | — | 1,038,378 | 10,556,744 | 8,735,368 | (117,633) | 8,617,735 |
| 1265 | (635,793) | 523,102 | 6,469,320 | 4,741 | 6,997,162 | 247,888 | 1,497,477 | — | 140,222 | 1,885,587 | 1,601,788 | (21,990) | 1,579,798 |
| 1270 | (8,507,814) | 6,999,840 | 86,568,664 | 1,617,917 | 95,186,421 | 3,317,098 | 20,038,363 | — | 4,261,325 | 27,616,787 | 21,434,200 | (557,770) | 20,876,430 |
| 1275 | (580,763) | 477,826 | 5,909,381 | 57,097 | 6,444,304 | 226,433 | 1,367,866 | — | 62,996 | 1,657,295 | 1,463,149 | (2,723) | 1,460,426 |
| 1280 | (1,591,127) | 1,309,106 | 16,190,024 | 29,668 | 17,528,799 | 620,362 | 3,747,564 | — | 272,529 | 4,640,494 | 4,068,612 | (37,990) | 3,970,622 |
| 1285 | (2,756,162) | 2,267,644 | 28,044,485 | 758,582 | 31,070,712 | 1,074,596 | 6,491,559 | — | 565,026 | 8,131,181 | 6,943,749 | 13,195 | 6,956,945 |
| 1290 | (1,111,029) | 914,104 | 11,304,935 | 348,083 | 12,567,122 | 433,177 | 2,616,794 | — | 252,537 | 3,302,509 | 2,799,076 | 22,358 | 2,821,434 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 1295 | (441,924) | 363,595 | 4,496,665 | 10,544 | 4,870,804 | 172,301 | 1,040,859 | — | 92,250 | 1,305,410 | 1,113,364 | (13,150) | 1,100,214 |
| 1300 | (4,162,229) | 3,424,491 | 42,351,487 | 348,269 | 46,124,247 | 1,622,805 | 9,803,252 | — | 485,417 | 11,911,474 | 10,486,130 | (36,822) | 10,449,308 |
| 1305 | (11,528,794) | 9,485,364 | 117,307,718 | 79,545 | 126,872,627 | 4,494,943 | 27,153,643 | — | 2,597,255 | 34,245,842 | 29,045,118 | (423,277) | 28,621,841 |
| 2005 | (630,486) | 518,735 | 6,415,316 | 115,057 | 7,049,109 | 245,819 | 1,484,977 | — | 14,140 | 1,744,935 | 1,588,417 | 16,156 | 1,604,573 |
| 2006 | (567,397) | 466,828 | 5,773,373 | 53,715 | 6,293,916 | 221,221 | 1,336,384 | — | 73,335 | 1,630,940 | 1,429,474 | (1,825) | 1,427,649 |
| 2007 | (1,550,086) | 1,275,340 | 15,772,425 | 401,609 | 17,449,374 | 604,361 | 3,650,900 | — | 899,423 | 5,154,684 | 3,905,216 | (99,298) | 3,805,917 |
| 2008 | (1,377,702) | 1,133,510 | 14,018,389 | 49,869 | 15,201,769 | 537,150 | 3,244,887 | — | 217,609 | 3,999,647 | 3,470,921 | (24,743) | 3,446,177 |
| 2009 | (1,095,437) | 901,276 | 11,146,286 | 125,237 | 12,172,799 | 427,098 | 2,580,071 | — | 146,772 | 3,153,942 | 2,759,795 | (7,580) | 2,752,214 |
| 2010 | (3,558,458) | 2,927,736 | 36,207,997 | 401,401 | 39,537,134 | 1,387,401 | 8,381,197 | — | 217,349 | 9,985,947 | 8,965,016 | 33,257 | 8,998,273 |
| 2014 | (473,183) | 389,313 | 4,814,729 | 96,913 | 5,300,955 | 184,489 | 1,114,483 | — | — | 1,298,971 | 1,192,116 | 17,632 | 1,209,747 |
| 2015 | (1,030,584) | 847,917 | 10,486,388 | 15,860 | 11,350,165 | 401,813 | 2,427,322 | — | 284,000 | 3,113,135 | 2,596,405 | (45,914) | 2,550,491 |
| 2016 | (417,593) | 343,576 | 4,249,090 | 150,590 | 4,743,257 | 162,815 | 983,552 | — | 56,645 | 1,203,012 | 1,052,065 | 16,929 | 1,068,994 |
| 2018 | (968,941) | 797,201 | 9,859,168 | 12,074 | 10,668,442 | 377,779 | 2,282,137 | — | 238,891 | 2,898,807 | 2,441,107 | (41,190) | 2,399,917 |
| 2020 | (2,518,487) | 2,072,096 | 25,626,098 | 427,994 | 28,126,188 | 981,929 | 5,931,766 | — | 65,959 | 6,979,654 | 6,344,962 | 61,916 | 6,406,878 |
| 2025 | (1,920,060) | 1,579,738 | 15,536,983 | — | 21,116,721 | 748,609 | 4,522,296 | — | 491,353 | 5,762,258 | 4,837,312 | (82,694) | 4,754,617 |
| 2030 | (1,635,668) | 1,345,753 | 16,643,241 | 343,925 | 18,332,919 | 637,728 | 3,852,471 | — | 127,843 | 4,618,043 | 4,120,828 | 45,302 | 4,166,130 |
| 2035 | (544,237) | 447,773 | 5,537,713 | 4,482 | 5,989,968 | 212,192 | 1,281,835 | — | 75,442 | 1,569,468 | 1,371,125 | (11,349) | 1,359,776 |
| 2040 | (3,050,476) | 2,509,792 | 31,039,186 | 92,171 | 33,641,149 | 1,189,345 | 7,184,753 | — | 608,018 | 8,982,117 | 7,685,230 | (88,399) | 7,596,831 |
| 2044 | (729,230) | 599,977 | 7,420,061 | 7,339 | 8,027,377 | 284,318 | 1,717,548 | — | 512,776 | 2,514,643 | 1,837,190 | (49,167) | 1,743,022 |
| 2045 | (1,834,850) | 1,509,630 | 18,669,953 | 3,392 | 20,182,975 | 715,387 | 4,321,602 | — | 258,916 | 5,295,904 | 4,622,637 | (41,235) | 4,581,402 |
| 2046 | (1,536,208) | 1,263,922 | 15,631,217 | 26,981 | 16,922,120 | 598,950 | 3,618,215 | — | 70,152 | 4,287,316 | 3,870,253 | (7,856) | 3,862,397 |
| 2047 | (7,489,046) | 6,161,644 | 76,202,496 | 77,670 | 82,441,810 | 2,919,892 | 17,638,868 | — | 1,396,803 | 21,955,564 | 18,867,561 | (220,042) | 18,647,518 |
| 2048 | (1,732,916) | 1,425,764 | 17,632,753 | 396,228 | 19,454,745 | 675,644 | 4,081,517 | — | 95,441 | 4,852,602 | 4,365,829 | 53,015 | 4,418,844 |
| 2050 | (1,311,989) | 1,079,445 | 13,349,745 | 200,767 | 14,629,957 | 511,529 | 3,090,114 | — | 93,694 | 3,695,337 | 3,305,366 | 18,240 | 3,323,605 |
| 2052 | (1,214,283) | 999,056 | 12,355,562 | 9,572 | 13,364,190 | 473,435 | 2,859,987 | — | 599,833 | 3,933,255 | 3,059,208 | (96,837) | 2,962,372 |
| 2055 | (990,643) | 815,056 | 10,079,989 | 475,033 | 11,370,078 | 386,240 | 2,333,252 | — | 72,701 | 2,792,193 | 2,495,782 | 66,965 | 2,562,747 |
| 2056 | (1,271,816) | 1,046,392 | 12,940,972 | 22,703 | 14,010,067 | 495,866 | 2,995,494 | — | 215,555 | 3,706,916 | 3,204,155 | (30,940) | 3,173,215 |
| 2057 | (1,640,605) | 1,349,815 | 16,693,477 | 58,147 | 18,101,439 | 639,653 | 3,864,100 | — | 193,811 | 4,697,564 | 4,133,266 | (20,671) | 4,112,595 |
| 2058 | (1,008,897) | 830,075 | 10,265,727 | 121,642 | 11,217,444 | 393,357 | 2,376,245 | — | 99,806 | 2,869,409 | 2,541,770 | 5,040 | 2,546,810 |
| 2059 | (1,642,305) | 1,351,213 | 16,710,772 | 78,420 | 18,140,405 | 640,316 | 3,868,103 | — | 400,532 | 4,908,951 | 4,137,548 | (56,225) | 4,081,323 |
| 2060 | (430,451) | 354,156 | 4,379,927 | 63,502 | 4,797,585 | 167,828 | 1,013,838 | — | 85,540 | 1,267,205 | 1,084,460 | (4,962) | 1,079,498 |
| 2061 | (479,454) | 394,473 | 4,878,539 | 148,015 | 5,421,027 | 186,934 | 1,129,253 | — | 10,040 | 1,326,227 | 1,207,915 | 24,516 | 1,232,431 |
| 2062 | (774,110) | 636,902 | 7,876,716 | 29,032 | 8,542,650 | 301,816 | 1,823,252 | — | 217,786 | 2,342,855 | 1,950,257 | (29,885) | 1,920,372 |
| 2063 | (385,299) | 317,006 | 3,920,487 | 11,981 | 4,249,475 | 150,223 | 907,489 | — | 168,668 | 1,226,381 | 970,704 | (26,546) | 944,157 |
| 2064 | (1,202,566) | 989,416 | 12,236,340 | 236,521 | 13,462,278 | 468,866 | 2,832,390 | — | — | 3,301,257 | 3,029,689 | 43,161 | 3,072,851 |
| 2065 | (992,530) | 816,608 | 10,099,188 | 373,235 | 11,289,032 | 386,976 | 2,337,696 | — | 2,741 | 2,727,413 | 2,500,535 | 64,258 | 2,564,793 |
| 2066 | (2,533,497) | 2,084,446 | 25,778,826 | 5,427 | 27,868,699 | 987,781 | 5,967,118 | — | 242,135 | 7,197,034 | 6,382,777 | (41,721) | 6,341,056 |
| 2067 | (3,849,673) | 3,167,335 | 39,171,170 | 388,247 | 42,726,752 | 1,500,943 | 9,067,093 | — | 1,540,873 | 12,108,909 | 9,698,691 | (174,998) | 9,523,693 |
| 2068 | (3,377,295) | 2,778,684 | 34,364,638 | 347,199 | 37,490,521 | 1,316,768 | 7,954,507 | — | 339,870 | 9,611,146 | 8,508,604 | (9,641) | 8,498,964 |
| 2069 | (466,915) | 384,156 | 4,750,951 | 6,772 | 5,141,880 | 182,045 | 1,099,720 | — | 364,666 | 1,646,430 | 1,176,324 | (62,809) | 1,113,515 |
| 2070 | (632,542) | 520,426 | 6,436,235 | 74,807 | 7,031,469 | 246,621 | 1,489,819 | — | 8,269 | 1,744,708 | 1,593,597 | 10,621 | 1,604,218 |
| 2071 | (512,793) | 421,903 | 5,217,774 | 213,908 | 5,853,585 | 199,932 | 1,207,777 | — | 104,326 | 1,512,035 | 1,291,909 | 14,824 | 1,306,732 |
| 2072 | (594,470) | 489,103 | 6,048,848 | 77,161 | 6,615,112 | 231,777 | 1,400,149 | — | 20,652 | 1,652,578 | 1,497,681 | 11,425 | 1,509,106 |
| 2073 | (1,244,122) | 1,023,607 | 12,659,183 | 287,101 | 13,969,890 | 485,069 | 2,930,267 | — | 250,844 | 3,666,180 | 3,134,384 | 15,093 | 3,149,477 |
| 2074 | (1,318,683) | 1,084,952 | 13,417,856 | 7,157 | 14,509,965 | 514,139 | 3,105,880 | — | 69,015 | 3,689,034 | 3,322,230 | (10,396) | 3,311,834 |
| 2075 | (2,407,289) | 1,980,607 | 24,494,629 | 928,641 | 27,403,878 | 938,574 | 5,669,861 | — | 697 | 6,609,132 | 6,064,913 | 161,824 | 6,226,638 |
| 2076 | (1,452,718) | 1,195,230 | 14,781,689 | 27,373 | 16,004,292 | 566,398 | 3,421,571 | — | 286,143 | 4,274,112 | 3,659,912 | (44,695) | 3,615,217 |
| 2077 | (415,886) | 342,172 | 4,231,722 | 34,844 | 4,608,738 | 162,149 | 979,532 | — | 110,131 | 1,251,812 | 1,047,765 | (12,372) | 1,035,392 |
| 2078 | (3,901,647) | 3,210,097 | 39,700,015 | 746,596 | 43,656,707 | 1,521,207 | 9,189,507 | — | 536,286 | 11,246,999 | 9,829,631 | 26,783 | 9,856,414 |
| 2079 | (2,153,767) | 1,772,021 | 21,914,997 | 86,490 | 23,773,508 | 839,729 | 5,072,744 | — | 276,442 | 6,188,914 | 5,426,102 | (37,536) | 5,388,566 |
| 2080 | (490,787) | 403,797 | 4,993,848 | 151,381 | 5,549,026 | 191,352 | 1,155,944 | — | 49,375 | 1,396,671 | 1,236,465 | 20,689 | 1,257,155 |
| 2081 | (620,275) | 510,334 | 6,311,421 | 63,144 | 6,884,899 | 241,838 | 1,460,928 | — | 128,481 | 1,831,247 | 1,562,693 | (9,137) | 1,553,557 |
| 2082 | (348,438) | 286,679 | 3,545,424 | 39,138 | 3,871,241 | 135,852 | 820,672 | — | 24,667 | 981,191 | 877,839 | 1,888 | 879,726 |
| 2083 | (816,711) | 671,952 | 8,310,191 | 59,615 | 9,041,757 | 318,426 | 1,923,590 | — | 101,304 | 2,343,320 | 2,057,584 | (9,139) | 2,048,445 |
| 2084 | (1,356,865) | 1,116,366 | 13,806,362 | — | 14,922,728 | 529,026 | 3,195,809 | — | 251,087 | 3,975,921 | 3,418,423 | (40,988) | 3,377,435 |
| 2085 | (660,191) | 543,175 | 6,717,574 | 42,903 | 7,303,652 | 257,401 | 1,554,941 | — | 14,317 | 1,826,660 | 1,663,256 | 4,866 | 1,668,121 |
| 2086 | (2,308,075) | 1,898,978 | 23,485,107 | 284,097 | 25,668,183 | 899,892 | 5,436,183 | — | 205,358 | 6,541,432 | 5,814,858 | 6,344 | 5,821,202 |
| 2090 | (1,012,575) | 833,100 | 10,303,143 | 164,542 | 11,300,786 | 394,791 | 2,384,906 | — | 76,217 | 2,855,914 | 2,551,034 | 13,997 | 2,565,032 |
| 2095 | (979,184) | 805,628 | 9,963,391 | 3,158 | 10,772,178 | 381,773 | 2,306,262 | — | 167,522 | 2,855,557 | 2,466,913 | (26,935) | 2,439,977 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 2104 | \$ (566,982) | 466,487 | 5,769,156 | 135,044 | 6,370,686 | 221,060 | 1,335,407 | — | 68,753 | 1,625,220 | 1,428,429 | 12,304 | 1,440,734 |
| 2105 | (515,385) | 424,036 | 5,244,148 | 117,550 | 5,785,733 | 200,943 | 1,213,882 | — | 60,027 | 1,474,852 | 1,298,439 | 10,686 | 1,309,125 |
| 2110 | (1,549,150) | 1,274,569 | 15,762,899 | 184,870 | 17,222,338 | 603,996 | 3,648,695 | — | 264,162 | 4,516,852 | 3,902,857 | (7,867) | 3,894,990 |
| 2112 | (1,056,212) | 869,003 | 10,747,166 | 236,163 | 11,852,332 | 411,805 | 2,487,686 | — | 17,566 | 2,917,057 | 2,660,973 | 39,931 | 2,700,904 |
| 2115 | (2,212,516) | 1,820,357 | 22,512,783 | 1,061,308 | 25,394,449 | 862,635 | 5,211,116 | — | 22,729 | 6,096,479 | 5,574,113 | 175,311 | 5,749,424 |
| 2120 | (3,968,371) | 3,264,994 | 40,378,945 | 318,515 | 43,962,454 | 1,547,222 | 9,346,661 | — | 139,847 | 11,033,730 | 9,997,733 | 26,135 | 10,023,868 |
| 2125 | (414,480) | 341,015 | 4,217,410 | 45,629 | 4,604,053 | 161,601 | 976,219 | — | 216,325 | 1,354,144 | 1,044,221 | (30,905) | 1,013,316 |
| 2130 | (750,853) | 617,767 | 7,640,075 | 199,629 | 8,457,471 | 292,749 | 1,768,476 | — | 5,679 | 2,066,904 | 1,891,665 | 32,035 | 1,923,700 |
| 2135 | (1,393,491) | 1,146,500 | 14,179,037 | 212,893 | 15,538,431 | 543,306 | 3,282,073 | — | 132,007 | 3,957,386 | 3,510,697 | 19,268 | 3,529,964 |
| 2140 | (1,225,526) | 1,008,307 | 12,469,966 | 42,689 | 13,520,961 | 477,818 | 2,886,468 | — | 158,399 | 3,522,685 | 3,087,534 | (20,086) | 3,067,448 |
| 2145 | (1,793,373) | 1,475,505 | 18,247,915 | 123,987 | 19,847,407 | 699,215 | 4,223,911 | — | 88,541 | 5,011,667 | 4,518,141 | 6,490 | 4,524,632 |
| 2146 | (1,843,103) | 1,516,421 | 18,753,928 | 1,027,953 | 21,298,301 | 718,604 | 4,341,040 | — | 49,613 | 5,109,257 | 4,643,429 | 167,075 | 4,810,504 |
| 2147 | (472,458) | 388,717 | 4,807,348 | 83,120 | 5,279,184 | 184,206 | 1,112,774 | — | 27,180 | 1,324,160 | 1,190,288 | 10,593 | 1,200,881 |
| 2148 | (1,125,640) | 926,125 | 11,453,605 | 32,410 | 12,412,140 | 438,874 | 2,651,208 | — | 163,306 | 3,253,388 | 2,835,886 | (24,260) | 2,811,625 |
| 2149 | (752,903) | 619,454 | 7,660,936 | 205,140 | 8,485,530 | 293,548 | 1,773,305 | — | 45,209 | 2,112,062 | 1,896,830 | 31,362 | 1,928,192 |
| 2150 | (299,776) | 246,642 | 3,050,283 | 22,055 | 3,318,980 | 116,879 | 706,060 | — | 12,166 | 835,106 | 755,243 | 2,215 | 757,458 |
| 2155 | (1,143,902) | 941,150 | 11,639,427 | 135,955 | 12,716,533 | 445,994 | 2,694,221 | — | 49,746 | 3,189,961 | 2,881,995 | 16,824 | 2,898,719 |
| 2160 | (2,134,827) | 1,756,438 | 21,722,282 | 252,426 | 23,731,145 | 832,344 | 5,028,135 | — | 247,097 | 6,107,577 | 5,378,386 | (355) | 5,378,031 |
| 2165 | (689,964) | 567,671 | 7,020,517 | 194,253 | 7,782,441 | 269,009 | 1,625,065 | — | 151,427 | 2,045,501 | 1,738,264 | 3,474 | 1,741,737 |
| 2170 | (3,096,825) | 2,547,926 | 31,510,796 | 328,306 | 34,387,028 | 1,207,416 | 7,293,918 | — | 8,092 | 8,509,426 | 7,802,000 | 51,163 | 7,853,162 |
| 2175 | (280,101) | 230,455 | 2,850,085 | 63,417 | 3,143,956 | 109,208 | 659,719 | — | 1,552 | 770,480 | 705,674 | 10,156 | 715,830 |
| 2180 | (584,919) | 481,245 | 5,951,667 | 90,242 | 6,523,154 | 228,053 | 1,377,654 | — | 44,010 | 1,649,717 | 1,473,619 | 9,876 | 1,483,495 |
| 2185 | (3,296,953) | 2,712,582 | 33,547,134 | 425,676 | 36,685,392 | 1,285,444 | 7,765,277 | — | 237,371 | 9,288,092 | 8,306,192 | 43,331 | 8,349,523 |
| 2187 | (1,540,688) | 1,267,608 | 15,676,800 | 18,710 | 16,963,118 | 600,696 | 3,628,766 | — | 163,825 | 4,393,288 | 3,881,539 | (22,910) | 3,858,630 |
| 2190 | (2,151,288) | 1,769,981 | 21,889,772 | 304,861 | 23,964,615 | 838,762 | 5,066,905 | — | 4,254 | 5,909,922 | 5,419,857 | 52,123 | 5,471,980 |
| 2191 | (1,500,717) | 1,234,722 | 15,270,090 | — | 16,504,812 | 585,112 | 3,534,623 | — | 200,393 | 4,320,129 | 3,780,839 | (34,338) | 3,746,500 |
| 2195 | (456,390) | 375,497 | 4,643,861 | — | 5,019,358 | 177,941 | 1,074,931 | — | 101,519 | 1,354,392 | 1,149,809 | (16,547) | 1,133,262 |
| 2196 | (513,719) | 422,664 | 5,227,189 | 15,485 | 5,665,339 | 200,293 | 1,209,957 | — | 82,643 | 1,492,893 | 1,294,240 | (11,176) | 1,283,064 |
| 2198 | (1,075,957) | 885,248 | 10,948,070 | 47,778 | 11,881,096 | 419,503 | 2,534,189 | — | 248,031 | 3,201,723 | 2,710,717 | (37,988) | 2,672,728 |
| 2200 | (4,585,127) | 3,772,433 | 46,654,563 | 1,061,801 | 51,488,797 | 1,787,688 | 10,799,301 | — | 379,373 | 12,966,362 | 11,551,561 | 109,450 | 11,661,012 |
| 2204 | (4,138,613) | 3,405,062 | 42,111,196 | 700,416 | 46,216,674 | 1,613,598 | 9,747,631 | — | 127,938 | 11,489,167 | 10,426,634 | 111,566 | 10,538,201 |
| 2205 | (122,180) | 100,524 | 1,243,207 | 51,877 | 1,395,608 | 47,637 | 287,770 | — | 69,802 | 405,208 | 307,815 | (1,337) | 306,479 |
| 2206 | (612,903) | 504,268 | 6,236,403 | 114,888 | 6,855,560 | 238,964 | 1,443,563 | — | 66,876 | 1,749,402 | 1,544,119 | 10,510 | 1,554,629 |
| 2207 | (1,172,379) | 964,580 | 11,929,185 | 194,958 | 13,088,723 | 457,097 | 2,761,292 | — | 282,593 | 3,500,982 | 2,953,638 | (10,747) | 2,942,891 |
| 2208 | (1,888,791) | 1,554,011 | 19,218,818 | 160,635 | 20,933,464 | 736,418 | 4,448,650 | — | 526,108 | 5,711,175 | 4,758,535 | (75,390) | 4,683,144 |
| 2209 | (4,520,958) | 3,719,638 | 46,001,630 | 739,092 | 50,460,359 | 1,762,669 | 10,648,164 | — | 96,939 | 12,507,772 | 11,389,896 | 101,146 | 11,491,042 |
| 2210 | (1,205,688) | 991,985 | 12,268,108 | — | 13,260,093 | 470,084 | 2,839,743 | — | 260,526 | 3,570,354 | 3,037,555 | (44,652) | 2,992,903 |
| 2212 | (1,621,895) | 1,334,421 | 16,503,095 | — | 17,837,516 | 632,358 | 3,820,031 | — | 423,898 | 4,876,288 | 4,086,128 | (75,807) | 4,010,321 |
| 2215 | (2,330,521) | 1,917,446 | 23,713,501 | 386,654 | 26,017,601 | 908,643 | 5,489,050 | — | 49,410 | 6,447,104 | 5,871,408 | 60,594 | 5,932,001 |
| 2220 | (963,071) | 792,371 | 9,799,434 | 35,752 | 10,627,557 | 375,490 | 2,268,311 | — | 90,614 | 2,734,415 | 2,426,317 | (8,307) | 2,418,010 |
| 2224 | (2,091,852) | 1,721,080 | 21,285,004 | 40,414 | 23,046,498 | 815,589 | 4,926,917 | — | 119,825 | 5,862,331 | 5,270,117 | (11,725) | 5,258,392 |
| 2225 | (3,747,012) | 3,082,870 | 38,126,579 | 2,220,983 | 43,430,432 | 1,460,917 | 8,825,298 | — | — | 10,286,215 | 9,440,052 | 383,540 | 9,823,592 |
| 2230 | (2,990,614) | 2,460,541 | 30,430,082 | 2,406,199 | 35,296,822 | 1,166,006 | 7,043,762 | — | 63,700 | 8,273,468 | 7,534,418 | 421,641 | 7,956,059 |
| 2231 | (1,510,131) | 1,242,467 | 15,365,877 | 286,452 | 16,894,796 | 588,783 | 3,556,795 | — | 224,082 | 4,369,660 | 3,804,555 | 16,808 | 3,821,363 |
| 2235 | (299,865) | 246,715 | 3,051,184 | 57,731 | 3,355,631 | 116,914 | 706,269 | — | 912 | 824,095 | 755,466 | 9,019 | 764,485 |
| 2239 | (1,406,959) | 1,157,581 | 14,316,080 | 188,215 | 15,661,876 | 548,557 | 3,313,795 | — | 3,418 | 3,865,770 | 3,544,628 | 31,727 | 3,576,355 |
| 2240 | (2,565,147) | 2,110,486 | 26,100,869 | 634,824 | 28,846,178 | 1,000,121 | 6,041,663 | — | 82,158 | 7,123,942 | 6,462,514 | 101,229 | 6,563,744 |
| 2241 | (412,977) | 339,779 | 4,202,122 | 136,397 | 4,678,297 | 161,015 | 972,680 | — | 28,688 | 1,162,383 | 1,040,436 | 19,688 | 1,060,124 |
| 2242 | (722,205) | 594,197 | 7,348,572 | 329,326 | 8,272,096 | 281,579 | 1,701,001 | — | 43,530 | 2,026,110 | 1,819,489 | 50,818 | 1,870,307 |
| 2243 | (727,644) | 598,672 | 7,403,922 | 274,418 | 8,277,012 | 283,700 | 1,713,813 | — | 25,879 | 2,023,392 | 1,833,194 | 42,743 | 1,875,936 |
| 2244 | (429,874) | 353,681 | 4,374,052 | 122,000 | 4,849,732 | 167,603 | 1,012,478 | — | 43,077 | 1,223,158 | 1,083,005 | 15,125 | 1,098,130 |
| 2245 | (1,177,467) | 968,766 | 11,980,960 | 76,102 | 13,025,828 | 459,081 | 2,773,276 | — | 438,718 | 3,671,076 | 2,966,458 | (70,411) | 2,896,047 |
| 2250 | (679,499) | 559,061 | 6,914,037 | 3,452 | 7,476,550 | 264,929 | 1,600,417 | — | 153,442 | 2,018,788 | 1,711,900 | (27,818) | 1,684,082 |
| 2255 | (2,172,184) | 1,787,174 | 22,102,396 | 5,769 | 23,895,339 | 846,909 | 5,116,122 | — | 430,945 | 6,393,976 | 5,472,502 | (70,068) | 5,402,434 |
| 2260 | (1,526,161) | 1,255,655 | 15,528,983 | 365,411 | 17,150,050 | 595,032 | 3,594,550 | — | 17,812 | 4,207,395 | 3,844,940 | 59,468 | 3,904,408 |
| 2266 | (1,249,987) | 1,028,432 | 12,718,864 | 70,416 | 13,817,713 | 487,356 | 2,944,082 | — | 88,799 | 3,520,237 | 3,149,161 | (2,645) | 3,146,516 |
| 2268 | (689,507) | 567,295 | 7,015,871 | 363,890 | 7,947,057 | 268,831 | 1,623,989 | — | 158,510 | 2,051,331 | 1,737,113 | 39,321 | 1,776,434 |
| 2270 | (1,194,146) | 982,489 | 12,150,666 | 24,382 | 13,157,536 | 465,584 | 2,812,559 | — | 248,349 | 3,526,491 | 3,008,477 | (40,219) | 2,968,257 |
| 2271 | (816,114) | 671,461 | 8,304,117 | 17,222 | 8,992,800 | 318,193 | 1,922,184 | — | 27,044 | 2,267,422 | 2,056,080 | (2,395) | 2,053,685 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 2272 | (1,266,705) | 1,042,187 | 12,888,973 | 177,202 | 14,108,363 | 493,874 | 2,983,457 | — | 53,180 | 3,530,511 | 3,191,280 | 18,737 | 3,210,017 |
| 2275 | (2,334,766) | 1,920,939 | 23,756,696 | 597,859 | 26,275,494 | 910,298 | 5,499,049 | — | 121,239 | 6,530,586 | 5,882,103 | 90,045 | 5,972,148 |
| 2280 | (759,626) | 624,985 | 7,729,339 | 103,249 | 8,457,573 | 296,169 | 1,789,138 | — | 152,976 | 2,238,283 | 1,913,766 | (12,977) | 1,900,789 |
| 2281 | (468,849) | 385,748 | 4,770,635 | 18,998 | 5,175,380 | 182,799 | 1,104,276 | — | 51,832 | 1,338,907 | 1,181,198 | (4,769) | 1,176,429 |
| 2282 | (2,116,624) | 1,741,462 | 21,537,063 | 715,777 | 23,994,302 | 825,247 | 4,985,262 | — | — | 5,810,510 | 5,332,527 | 123,722 | 5,456,249 |
| 2285 | (2,973,643) | 2,446,577 | 30,257,395 | 174,599 | 32,878,572 | 1,159,389 | 7,003,789 | — | 321,462 | 8,484,640 | 7,491,661 | (18,859) | 7,472,801 |
| 2286 | (1,608,132) | 1,323,098 | 16,363,061 | 452,415 | 18,138,573 | 626,992 | 3,787,617 | — | — | 4,414,609 | 4,051,456 | 78,182 | 4,129,638 |
| 2288 | (951,620) | 782,950 | 9,682,922 | 234,405 | 10,700,277 | 371,026 | 2,241,341 | — | — | 2,612,367 | 2,397,469 | 42,522 | 2,439,991 |
| 2289 | (2,991,770) | 2,461,491 | 30,441,839 | 830,008 | 33,733,339 | 1,166,456 | 7,046,483 | — | — | 8,212,939 | 7,537,329 | 153,746 | 7,691,075 |
| 2290 | (1,662,308) | 1,367,671 | 16,914,304 | — | 18,281,975 | 648,115 | 3,915,215 | — | 305,693 | 4,869,023 | 4,187,942 | (53,842) | 4,134,101 |
| 2295 | (753,530) | 619,970 | 7,667,318 | 35,388 | 8,322,677 | 293,793 | 1,774,782 | — | 91,571 | 2,160,146 | 1,898,410 | (8,279) | 1,890,131 |
| 2300 | (1,690,725) | 1,391,052 | 17,203,459 | 1,483,827 | 20,078,337 | 659,194 | 3,982,147 | — | — | 4,641,341 | 4,259,536 | 257,672 | 4,517,208 |
| 2305 | (403,497) | 331,979 | 4,105,665 | 13,774 | 4,451,418 | 157,319 | 950,353 | — | 99,339 | 1,207,012 | 1,016,553 | (15,902) | 1,000,651 |
| 2310 | (4,502,399) | 3,704,368 | 45,812,789 | 817,448 | 50,334,605 | 1,755,433 | 10,604,453 | — | — | 12,359,886 | 11,343,140 | 141,086 | 11,484,226 |
| 2315 | (726,989) | 598,134 | 7,397,258 | 147,716 | 8,143,107 | 283,445 | 1,712,270 | — | 62,136 | 2,057,851 | 1,831,544 | 18,061 | 1,849,604 |
| 2317 | (709,588) | 583,817 | 7,220,198 | 35,195 | 7,839,210 | 276,660 | 1,671,285 | — | 9,949 | 1,957,895 | 1,787,704 | 3,919 | 1,791,623 |
| 2320 | (3,015,585) | 2,481,085 | 30,684,161 | 372,172 | 33,537,418 | 1,175,742 | 7,102,574 | — | 212,641 | 8,490,956 | 7,597,327 | 19,462 | 7,616,789 |
| 2325 | (2,679,781) | 2,204,801 | 27,267,295 | 77,751 | 29,549,847 | 1,044,816 | 6,311,660 | — | 240,191 | 7,596,667 | 6,751,319 | (32,593) | 6,718,726 |
| 2328 | (615,923) | 506,753 | 6,267,135 | 55,768 | 6,829,656 | 240,141 | 1,450,677 | — | 102,408 | 1,793,226 | 1,615,728 | (6,064) | 1,545,665 |
| 2330 | (1,559,105) | 1,282,760 | 15,864,198 | 65,972 | 17,212,931 | 607,877 | 3,672,143 | — | 235,087 | 4,515,108 | 3,927,939 | (29,687) | 3,898,252 |
| 2335 | (1,762,095) | 1,449,771 | 17,929,656 | 128,640 | 19,508,067 | 687,020 | 4,150,243 | — | 338,697 | 5,175,960 | 4,439,341 | (43,886) | 4,395,455 |
| 2338 | (2,436,375) | 2,004,538 | 24,790,588 | 11,796 | 26,806,921 | 949,914 | 5,738,367 | — | 221,831 | 6,910,113 | 6,138,092 | (37,279) | 6,100,813 |
| 2339 | (700,107) | 576,016 | 7,123,726 | 127,595 | 7,827,337 | 272,964 | 1,648,955 | — | 235,144 | 2,157,063 | 1,763,818 | (19,215) | 1,744,603 |
| 2340 | (803,160) | 660,803 | 8,172,309 | 2,714 | 8,835,826 | 313,143 | 1,891,674 | — | 201,266 | 2,406,082 | 2,023,445 | (36,470) | 1,986,974 |
| 2345 | (1,021,661) | 840,576 | 10,395,595 | 56,295 | 11,292,465 | 398,334 | 2,406,306 | — | 168,313 | 2,972,952 | 2,573,925 | (17,692) | 2,556,233 |
| 2350 | (2,796,518) | 2,300,847 | 28,455,115 | 485,535 | 31,241,498 | 1,090,330 | 6,586,609 | — | 809,250 | 8,486,189 | 7,045,420 | (68,528) | 6,976,892 |
| 2355 | (1,977,606) | 1,627,084 | 20,122,524 | 368,960 | 22,118,568 | 771,046 | 4,657,834 | — | 357,985 | 5,786,864 | 4,982,290 | (3,921) | 4,978,369 |
| 2360 | (1,447,627) | 1,191,041 | 14,729,888 | 1,050 | 15,921,979 | 564,413 | 3,409,581 | — | 238,102 | 4,212,095 | 3,647,086 | (38,671) | 3,608,415 |
| 2361 | (623,219) | 512,756 | 6,341,375 | 81,611 | 6,935,741 | 242,986 | 1,467,861 | — | 177,503 | 1,888,349 | 1,570,110 | (13,006) | 1,557,104 |
| 2362 | (704,502) | 579,632 | 7,168,445 | 47,037 | 7,795,114 | 274,677 | 1,659,306 | — | 87,394 | 2,021,377 | 1,774,890 | (4,866) | 1,770,024 |
| 2363 | (444,093) | 365,380 | 4,518,737 | 116,637 | 5,000,754 | 173,147 | 1,045,969 | — | — | 1,219,115 | 1,118,829 | 20,671 | 1,139,499 |
| 2364 | (859,518) | 707,172 | 8,745,765 | 153,287 | 9,606,224 | 335,116 | 2,024,414 | — | 213,958 | 2,573,488 | 2,165,431 | (5,898) | 2,159,533 |
| 2365 | (4,244,666) | 3,492,317 | 43,190,298 | 489,457 | 47,172,072 | 1,654,946 | 9,997,415 | — | 419,231 | 12,071,592 | 10,693,817 | 3,246 | 10,697,064 |
| 2370 | (711,456) | 585,354 | 7,239,205 | 25,076 | 7,849,634 | 277,389 | 1,675,685 | — | 28,980 | 1,982,054 | 1,792,410 | (842) | 1,791,568 |
| 2375 | (603,620) | 496,631 | 6,141,956 | 1,400 | 6,639,988 | 235,345 | 1,421,701 | — | 162,764 | 1,819,810 | 1,520,734 | (26,551) | 1,494,183 |
| 2377 | (819,408) | 674,171 | 8,337,632 | 532,872 | 9,544,676 | 319,478 | 1,929,942 | — | 18,636 | 2,268,056 | 2,064,378 | 85,566 | 2,150,235 |
| 2378 | (4,450,205) | 3,661,426 | 45,281,706 | 61,197 | 49,004,329 | 1,735,084 | 10,481,521 | — | 668,668 | 12,885,273 | 11,211,645 | (116,240) | 11,095,405 |
| 2379 | (4,458,813) | 3,668,508 | 45,369,292 | 264,236 | 49,302,036 | 1,738,440 | 10,501,795 | — | 677,905 | 12,918,139 | 11,233,331 | (68,440) | 11,164,891 |
| 2380 | (1,760,920) | 1,448,804 | 17,917,700 | 441,709 | 19,808,213 | 686,562 | 4,147,475 | — | — | 4,834,037 | 4,436,381 | 80,970 | 4,517,351 |
| 2381 | (943,142) | 775,974 | 9,596,650 | 113,570 | 10,486,193 | 367,720 | 2,221,371 | — | 375,580 | 2,964,671 | 2,376,108 | (49,814) | 2,326,294 |
| 2383 | (3,149,125) | 2,590,956 | 32,042,955 | 547,305 | 35,181,215 | 1,227,807 | 7,417,099 | — | 23,854 | 8,668,761 | 7,933,761 | 99,569 | 8,033,330 |
| 2384 | (2,015,780) | 1,658,492 | 20,510,957 | 97,449 | 22,266,898 | 785,929 | 4,747,746 | — | 1,056,729 | 6,590,404 | 5,078,465 | (175,349) | 4,903,116 |
| 2385 | (1,346,472) | 1,107,816 | 13,700,619 | 395,680 | 15,204,115 | 524,974 | 3,171,332 | — | 211,257 | 3,907,563 | 3,392,241 | 26,072 | 3,418,313 |
| 2389 | (1,216,954) | 1,001,254 | 12,382,744 | 312,604 | 13,696,602 | 474,476 | 2,866,279 | — | 207,390 | 3,548,145 | 3,065,939 | 13,986 | 3,079,925 |
| 2390 | (2,416,039) | 1,987,806 | 24,583,666 | 1,497,224 | 28,068,696 | 941,986 | 5,690,470 | — | 355,212 | 6,987,668 | 6,086,858 | 177,079 | 6,263,938 |
| 2391 | (1,217,610) | 1,001,794 | 12,389,421 | 366,167 | 13,757,382 | 474,732 | 2,867,824 | — | — | 3,342,557 | 3,067,592 | 64,598 | 3,132,190 |
| 2394 | (866,861) | 713,214 | 8,820,483 | 56,473 | 9,590,170 | 337,979 | 2,041,709 | — | 124,460 | 2,504,148 | 2,183,931 | (9,259) | 2,174,672 |
| 2395 | (711,251) | 585,185 | 7,237,118 | 27,748 | 7,850,051 | 277,309 | 1,675,202 | — | 50,348 | 2,002,858 | 1,791,894 | (3,112) | 1,788,782 |
| 2396 | (552,610) | 454,662 | 5,622,910 | 117,052 | 6,194,624 | 215,456 | 1,301,555 | — | 376,629 | 1,893,640 | 1,392,219 | (42,226) | 1,349,994 |
| 2400 | (4,120,596) | 3,390,238 | 41,927,863 | 1,124,101 | 46,442,202 | 1,606,573 | 9,705,195 | — | 66,722 | 11,378,490 | 10,381,241 | 183,856 | 10,565,098 |
| 2401 | (1,000,565) | 823,219 | 10,180,948 | 379,525 | 11,383,692 | 390,109 | 2,356,621 | — | 249,680 | 2,996,409 | 2,520,779 | 32,560 | 2,553,339 |
| 2402 | (2,431,427) | 2,000,467 | 24,740,239 | 369,101 | 27,109,807 | 947,985 | 5,726,713 | — | 286,354 | 6,961,052 | 6,126,626 | 4,801 | 6,130,427 |
| 2403 | (1,129,793) | 929,542 | 11,495,866 | 107,806 | 12,533,215 | 440,493 | 2,660,990 | — | 57,385 | 3,158,868 | 2,846,350 | 7,021 | 2,853,371 |
| 2405 | (1,512,413) | 1,244,344 | 15,389,097 | 18,045 | 16,651,487 | 589,672 | 3,562,170 | — | 329,580 | 4,481,422 | 3,810,305 | (58,209) | 3,752,096 |
| 2406 | (2,086,679) | 1,716,824 | 21,232,362 | 97,424 | 23,046,610 | 813,572 | 4,914,732 | — | 646,167 | 6,374,470 | 5,257,083 | (96,979) | 5,160,104 |
| 2408 | (2,131,916) | 1,754,043 | 21,692,660 | 163,521 | 23,610,223 | 831,209 | 5,021,279 | — | 91,825 | 5,944,313 | 5,371,052 | 11,472 | 5,382,524 |
| 2409 | (433,184) | 356,404 | 4,407,727 | 207,093 | 4,971,224 | 168,893 | 1,020,273 | — | — | 1,189,166 | 1,091,343 | 34,868 | 1,126,211 |
| 2410 | (2,769,112) | 2,278,299 | 28,176,250 | 378,246 | 30,832,795 | 1,079,645 | 6,522,059 | — | 9,289 | 7,610,993 | 6,976,374 | 60,234 | 7,036,608 |
| 2415 | (3,214,018) | 2,644,347 | 32,703,258 | 1,335,674 | 36,683,279 | 1,253,108 | 7,569,942 | — | 638,346 | 9,461,396 | 8,097,251 | 92,391 | 8,189,642 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 2420 | (1,626,386) | 1,338,116 | 16,548,792 | 81,195 | 17,968,103 | 634,109 | 3,830,609 | — | 237,522 | 4,702,240 | 4,097,442 | (27,427) | 4,070,015 |
| 2425 | (3,146,220) | 2,588,566 | 32,013,400 | 1,000,573 | 35,602,539 | 1,226,675 | 7,410,258 | — | 20,820 | 8,657,753 | 7,926,443 | 181,929 | 8,108,372 |
| 2426 | (875,537) | 720,352 | 8,908,757 | 303,837 | 9,932,946 | 341,362 | 2,062,142 | — | 30,188 | 2,433,692 | 2,205,788 | 51,446 | 2,257,234 |
| 2428 | (1,723,654) | 1,418,143 | 17,538,512 | 168,326 | 19,124,981 | 672,033 | 4,059,703 | — | 293,549 | 5,025,284 | 4,342,495 | (16,792) | 4,325,702 |
| 2430 | (2,535,990) | 2,086,497 | 25,804,195 | 249,158 | 28,139,851 | 988,753 | 5,972,991 | — | 501,949 | 7,463,693 | 6,389,059 | (32,057) | 6,357,002 |
| 2435 | (693,907) | 570,915 | 7,060,641 | 92,315 | 7,723,872 | 270,546 | 1,634,352 | — | 174,744 | 2,079,643 | 1,748,198 | (14,877) | 1,733,321 |
| 2440 | (1,121,261) | 922,522 | 11,409,047 | 350,292 | 12,681,861 | 437,167 | 2,640,894 | — | 74,072 | 3,152,132 | 2,824,854 | 54,544 | 2,879,398 |
| 2441 | (655,052) | 538,947 | 6,665,286 | 44,795 | 7,249,029 | 255,397 | 1,542,838 | — | 108,415 | 1,906,650 | 1,650,309 | (9,127) | 1,641,182 |
| 2445 | (3,197,468) | 2,630,731 | 32,534,860 | 535,877 | 35,701,468 | 1,246,656 | 7,530,962 | — | — | 8,777,618 | 8,055,556 | 96,137 | 8,151,693 |
| 2450 | (1,281,285) | 1,054,183 | 13,037,328 | 4,583 | 14,096,095 | 499,558 | 3,017,798 | — | 231,735 | 3,749,091 | 3,228,012 | (99,778) | 3,188,234 |
| 2455 | (1,607,743) | 1,322,777 | 16,359,094 | 190,285 | 17,872,156 | 626,840 | 3,786,699 | — | 277,598 | 4,691,137 | 4,020,474 | (9,890) | 4,040,584 |
| 2458 | (1,580,716) | 1,300,541 | 16,084,091 | 424,205 | 17,808,836 | 616,303 | 3,723,043 | — | 5,584 | 4,344,930 | 3,982,383 | 73,877 | 4,056,260 |
| 2460 | (595,210) | 489,711 | 6,056,376 | 3,116 | 6,549,203 | 232,065 | 1,401,891 | — | 125,597 | 1,759,553 | 1,499,545 | (20,510) | 1,479,034 |
| 2464 | (521,573) | 429,127 | 5,307,108 | 38,988 | 5,775,223 | 203,355 | 1,228,456 | — | 7,033 | 1,438,844 | 1,314,028 | 6,143 | 1,320,171 |
| 2465 | (275,058) | 226,305 | 2,798,768 | 94,166 | 3,119,239 | 107,242 | 647,841 | — | 8,383 | 763,466 | 692,968 | 14,535 | 707,503 |
| 2466 | (662,231) | 544,853 | 6,738,324 | 33,411 | 7,316,589 | 258,196 | 1,559,744 | — | 351,413 | 2,169,353 | 1,668,931 | (56,816) | 1,611,577 |
| 2467 | (933,069) | 767,687 | 9,494,162 | 6,566 | 10,268,415 | 363,793 | 2,197,648 | — | 149,918 | 2,711,359 | 2,350,732 | (24,391) | 2,326,341 |
| 2468 | (745,649) | 613,486 | 7,587,125 | 181,811 | 8,382,421 | 290,720 | 1,756,219 | — | — | 2,046,939 | 1,878,564 | 31,412 | 1,909,966 |
| 2469 | (2,027,966) | 1,668,517 | 20,634,945 | 338,153 | 22,641,615 | 790,680 | 4,776,446 | — | 13,098 | 5,580,224 | 5,109,156 | 57,773 | 5,166,938 |
| 2470 | (1,865,186) | 1,534,590 | 18,978,630 | — | 20,513,220 | 727,214 | 4,393,052 | — | 175,609 | 5,295,876 | 4,699,065 | (29,449) | 4,669,615 |
| 2471 | (1,991,091) | 1,638,179 | 20,259,740 | 335,701 | 22,233,620 | 776,303 | 4,689,596 | — | 4,386 | 5,470,285 | 5,016,264 | 55,790 | 5,072,055 |
| 2475 | (3,038,379) | 2,499,839 | 30,916,098 | 422,323 | 33,838,261 | 1,184,629 | 7,156,262 | — | 285,520 | 8,626,410 | 7,654,574 | 28,733 | 7,683,487 |
| 2480 | (987,003) | 812,061 | 10,042,943 | 110,071 | 10,965,075 | 384,821 | 2,324,677 | — | 46,236 | 2,755,734 | 2,486,609 | 12,821 | 2,499,431 |
| 2485 | (2,102,797) | 1,730,086 | 21,396,373 | — | 23,126,459 | 819,856 | 4,952,696 | — | 1,466,295 | 7,238,848 | 5,297,692 | (255,421) | 5,042,271 |
| 2490 | (3,006,162) | 2,473,333 | 30,588,286 | 246,762 | 33,308,381 | 1,172,068 | 7,080,382 | — | 29,790 | 8,282,240 | 7,573,588 | 42,477 | 7,616,066 |
| 2495 | (402,607) | 331,247 | 4,096,606 | 21,201 | 4,449,053 | 156,972 | 948,256 | — | 284,336 | 1,389,564 | 1,014,310 | (42,242) | 972,068 |
| 2497 | (994,779) | 818,459 | 10,122,071 | 181,186 | 11,121,716 | 387,853 | 2,342,993 | — | 44,124 | 2,774,970 | 2,506,201 | 24,174 | 2,530,376 |
| 2498 | (869,012) | 714,983 | 8,842,364 | 71,308 | 9,628,656 | 338,818 | 2,046,774 | — | 34,862 | 2,420,454 | 2,189,349 | 7,246 | 2,196,594 |
| 2500 | (2,414,711) | 1,986,714 | 24,570,152 | 219,961 | 26,776,827 | 941,468 | 5,687,342 | — | 222,997 | 6,851,807 | 6,083,512 | (7,793) | 6,080,719 |
| 2504 | (1,482,444) | 1,219,687 | 15,084,152 | 114,642 | 16,418,481 | 577,988 | 3,491,583 | — | 679,935 | 4,749,506 | 3,734,801 | (93,866) | 3,640,935 |
| 2505 | (2,072,424) | 1,705,095 | 21,087,314 | 338,095 | 23,130,505 | 808,014 | 4,881,157 | — | 75,244 | 5,764,416 | 5,221,170 | 48,066 | 5,269,236 |
| 2507 | (392,784) | 323,165 | 3,996,655 | 17,986 | 4,337,807 | 153,142 | 925,120 | — | 45,943 | 1,124,205 | 989,563 | (4,858) | 984,705 |
| 2508 | (1,102,557) | 907,134 | 11,218,734 | 258,934 | 12,384,801 | 429,874 | 2,596,841 | — | 8,199 | 3,034,915 | 2,777,733 | 43,243 | 2,820,976 |
| 2509 | (1,992,642) | 1,639,454 | 20,275,515 | 350,980 | 22,285,949 | 776,908 | 4,693,247 | — | 120,128 | 5,590,283 | 5,020,170 | 34,633 | 5,054,803 |
| 2510 | (804,610) | 661,997 | 8,187,067 | 313,886 | 9,162,949 | 313,708 | 1,895,090 | — | 16,924 | 2,225,722 | 2,027,099 | 52,452 | 2,079,551 |
| 2512 | (5,808,375) | 4,778,865 | 59,101,341 | 2,939,508 | 66,819,714 | 2,264,618 | 13,680,402 | — | 886,391 | 16,831,411 | 14,633,354 | 382,517 | 15,015,871 |
| 2514 | (546,912) | 449,974 | 5,564,933 | 142,975 | 6,157,882 | 213,235 | 1,288,135 | — | 2,510 | 1,503,880 | 1,377,864 | 25,326 | 1,403,190 |
| 2515 | (474,613) | 390,490 | 4,829,278 | 274,281 | 5,494,049 | 185,046 | 1,117,851 | — | 85,921 | 1,388,818 | 1,195,178 | 34,648 | 1,230,366 |
| 2520 | (1,120,423) | 921,833 | 11,400,524 | 57,735 | 12,380,091 | 436,840 | 2,638,921 | — | 108,417 | 3,184,178 | 2,822,743 | (6,590) | 2,816,153 |
| 2525 | (1,593,082) | 1,310,715 | 16,209,924 | 141,149 | 17,661,788 | 621,124 | 3,752,170 | — | 120,165 | 4,493,459 | 4,013,539 | 2,274 | 4,015,813 |
| 2530 | (3,069,993) | 2,525,849 | 31,237,771 | 538,109 | 34,301,729 | 1,196,955 | 7,230,720 | — | — | 8,427,675 | 7,734,399 | 90,514 | 7,824,913 |
| 2533 | (745,305) | 613,203 | 7,583,619 | 186,809 | 8,383,631 | 290,586 | 1,755,408 | — | 175,107 | 2,221,100 | 1,877,687 | (1,981) | 1,875,705 |
| 2535 | (908,525) | 747,492 | 9,244,414 | 89,674 | 10,081,580 | 354,223 | 2,139,838 | — | 76,337 | 2,570,399 | 2,288,895 | 4,845 | 2,293,740 |
| 2540 | (2,118,179) | 1,742,741 | 21,552,886 | 3,140 | 23,298,767 | 825,854 | 4,988,925 | — | 583,954 | 6,398,732 | 5,336,444 | (97,856) | 5,238,588 |
| 2541 | (1,300,999) | 1,070,402 | 13,237,913 | 279,320 | 14,587,636 | 507,244 | 3,064,228 | — | 195,503 | 3,766,975 | 3,277,677 | 8,980 | 3,286,657 |
| 2542 | (780,955) | 642,534 | 7,946,368 | 207,890 | 8,796,792 | 304,485 | 1,839,375 | — | 56,496 | 2,200,356 | 1,967,502 | 30,077 | 1,997,580 |
| 2545 | (404,669) | 332,943 | 4,117,584 | 64,483 | 4,515,010 | 157,776 | 953,112 | — | 36,501 | 1,147,388 | 1,019,504 | 5,183 | 1,024,687 |
| 2547 | (2,893,143) | 2,380,346 | 29,438,291 | 246,185 | 32,064,822 | 1,128,003 | 6,814,188 | — | 733,354 | 8,675,545 | 7,288,852 | (98,157) | 7,190,696 |
| 2550 | (343,665) | 282,752 | 3,496,858 | 171,142 | 3,950,752 | 133,991 | 809,431 | — | 63,612 | 1,007,034 | 865,814 | 21,884 | 887,698 |
| 2551 | (514,187) | 423,049 | 5,231,948 | 161,309 | 5,816,306 | 200,475 | 1,211,058 | — | 78,417 | 1,489,951 | 1,295,418 | 16,181 | 1,311,599 |
| 2555 | (547,868) | 450,761 | 5,574,669 | 108,180 | 6,133,610 | 213,608 | 1,290,389 | — | 6,615 | 1,510,611 | 1,380,275 | 15,850 | 1,396,125 |
| 2557 | (4,482,376) | 3,687,894 | 45,609,044 | 349,778 | 49,646,716 | 1,747,626 | 10,557,291 | — | 549,398 | 12,854,316 | 11,292,693 | (22,553) | 11,270,140 |
| 2559 | (465,586) | 383,063 | 4,737,425 | 95,844 | 5,216,332 | 181,526 | 1,096,589 | — | 115,261 | 1,393,377 | 1,172,975 | (6,558) | 1,166,418 |
| 2560 | (540,249) | 444,492 | 5,497,139 | 117,652 | 6,059,283 | 210,637 | 1,272,443 | — | 12,990 | 1,496,070 | 1,361,079 | 17,801 | 1,378,880 |
| 2561 | (1,779,768) | 1,464,311 | 18,109,481 | 209,768 | 19,783,561 | 693,911 | 4,191,867 | — | 111,399 | 4,997,177 | 4,483,865 | 15,261 | 4,499,126 |
| 2562 | (2,112,390) | 1,737,978 | 21,493,976 | 81,821 | 23,313,775 | 823,596 | 4,975,289 | — | 342,558 | 6,141,443 | 5,321,859 | (41,333) | 5,280,526 |
| 2563 | (2,288,714) | 1,883,049 | 23,288,106 | — | 25,171,155 | 892,343 | 5,390,582 | — | 532,897 | 6,815,822 | 5,766,081 | (98,951) | 5,667,130 |
| 2564 | (2,913,912) | 2,397,434 | 29,649,624 | 49,318 | 32,096,375 | 1,136,101 | 6,863,106 | — | 460,462 | 8,459,669 | 7,341,178 | (70,952) | 7,270,226 |
| 2565 | (1,749,649) | 1,439,531 | 17,803,019 | 858,282 | 20,100,832 | 682,168 | 4,120,929 | — | 189,387 | 4,992,485 | 4,407,986 | 126,835 | 4,534,822 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 2570 | (1,232,203) | 1,013,800 | 12,537,907 | 142,130 | 13,693,837 | 480,422 | 2,902,195 | — | 227,541 | 3,610,158 | 3,104,357 | (20,622) | 3,083,735 |
| 2573 | (1,284,933) | 1,057,184 | 13,074,438 | 1,790 | 14,133,412 | 500,980 | 3,026,388 | — | 167,340 | 3,694,708 | 3,237,201 | (27,520) | 3,209,681 |
| 2574 | (429,265) | 353,179 | 4,367,852 | 100,449 | 4,821,480 | 167,365 | 1,011,042 | — | — | 1,178,408 | 1,081,470 | 16,709 | 1,098,179 |
| 2575 | (4,329,842) | 3,562,396 | 44,056,986 | 137,155 | 47,756,538 | 1,688,155 | 10,198,031 | — | 1,626,385 | 13,512,571 | 10,908,407 | (259,806) | 10,648,601 |
| 2576 | (902,817) | 742,797 | 9,186,339 | — | 9,929,136 | 351,998 | 2,126,395 | — | 261,338 | 2,739,731 | 2,274,516 | (44,802) | 2,229,714 |
| 2580 | (2,431,902) | 2,000,857 | 24,745,072 | 49,528 | 26,795,458 | 948,170 | 5,727,832 | — | 518,577 | 7,194,579 | 6,126,822 | (79,976) | 6,046,846 |
| 2582 | (553,926) | 455,745 | 5,636,306 | 212,900 | 6,304,951 | 215,969 | 1,304,656 | — | — | 1,520,626 | 1,395,536 | 39,098 | 1,434,634 |
| 2584 | (1,417,070) | 1,165,900 | 14,418,961 | 27,356 | 15,612,217 | 552,499 | 3,337,609 | — | 179,499 | 4,069,608 | 3,570,101 | (29,448) | 3,540,653 |
| 2585 | (4,885,341) | 4,019,435 | 49,709,297 | 891,962 | 54,620,694 | 1,904,738 | 11,506,391 | — | 116,654 | 13,527,783 | 12,307,906 | 137,117 | 12,445,023 |
| 2590 | (1,592,218) | 1,310,004 | 16,201,131 | 10,184 | 17,521,320 | 620,788 | 3,750,135 | — | 437,637 | 4,808,560 | 4,011,362 | (74,028) | 3,937,334 |
| 2593 | (3,888,954) | 3,199,653 | 39,570,860 | 46,884 | 42,817,397 | 1,516,258 | 9,159,611 | — | 1,708,484 | 12,384,353 | 9,797,653 | (285,129) | 9,512,524 |
| 2595 | (334,661) | 275,343 | 3,405,236 | 47 | 3,680,627 | 130,480 | 788,222 | — | 76,299 | 995,002 | 843,129 | (13,623) | 829,505 |
| 2600 | (581,111) | 478,111 | 5,912,916 | 57,007 | 6,448,035 | 226,568 | 1,368,684 | — | 194,262 | 1,789,515 | 1,464,024 | (23,680) | 1,440,344 |
| 2605 | (290,762) | 239,226 | 2,958,561 | 45,720 | 3,243,507 | 113,365 | 684,829 | — | 85,924 | 884,118 | 732,533 | (5,860) | 726,673 |
| 2610 | (4,042,498) | 3,325,982 | 41,133,199 | — | 44,459,181 | 1,576,123 | 9,521,251 | — | 1,008,993 | 12,106,366 | 10,184,484 | (173,324) | 10,011,161 |
| 2611 | (1,057,485) | 870,050 | 10,760,117 | 644,749 | 12,274,917 | 412,301 | 2,490,683 | — | 328,411 | 3,231,396 | 2,664,180 | 68,324 | 2,732,504 |
| 2612 | (1,283,529) | 1,056,029 | 13,060,156 | 41,927 | 14,158,112 | 500,433 | 3,023,082 | — | 70,469 | 3,593,983 | 3,233,664 | (6,731) | 3,226,934 |
| 2613 | (1,237,520) | 1,018,175 | 12,592,008 | — | 13,610,183 | 482,495 | 2,914,718 | — | 314,415 | 3,711,627 | 3,117,752 | (53,709) | 3,064,043 |
| 2614 | (1,621,830) | 1,334,367 | 16,502,435 | 127,804 | 17,964,606 | 632,333 | 3,819,878 | — | 11,860 | 4,464,071 | 4,085,964 | 19,097 | 4,105,061 |
| 2615 | (4,365,098) | 3,591,403 | 44,415,724 | — | 48,007,128 | 1,701,901 | 10,281,069 | — | 637,959 | 12,620,929 | 10,997,230 | (107,173) | 10,890,057 |
| 2616 | (1,546,522) | 1,272,408 | 15,736,167 | 348,005 | 17,356,580 | 602,971 | 3,642,508 | — | 28,716 | 4,274,195 | 3,896,238 | 50,784 | 3,947,022 |
| 2617 | (1,647,642) | 1,355,604 | 16,765,077 | 380,583 | 18,501,264 | 642,397 | 3,880,673 | — | — | 4,523,070 | 4,150,994 | 66,440 | 4,217,434 |
| 2618 | (424,684) | 349,410 | 4,321,241 | 29,558 | 4,700,210 | 165,579 | 1,000,253 | — | 139,613 | 1,305,446 | 1,069,929 | (18,861) | 1,051,068 |
| 2619 | (926,077) | 761,934 | 9,423,014 | — | 10,184,948 | 361,067 | 2,181,179 | — | 138,358 | 2,680,604 | 2,333,116 | (23,974) | 2,309,142 |
| 2620 | (310,811) | 255,721 | 3,162,560 | 29,979 | 3,448,259 | 121,182 | 732,049 | — | 29,040 | 882,270 | 783,042 | 267 | 783,309 |
| 2625 | (526,892) | 433,502 | 5,361,224 | 119,473 | 5,914,199 | 205,429 | 1,240,982 | — | — | 1,446,411 | 1,327,427 | 22,051 | 1,349,478 |
| 2626 | (378,309) | 311,255 | 3,849,363 | 174,918 | 4,335,536 | 147,498 | 891,026 | — | 63,344 | 1,101,868 | 953,093 | 19,541 | 972,635 |
| 2630 | (426,283) | 350,726 | 4,337,510 | 246,873 | 4,935,108 | 166,203 | 1,004,019 | — | 42,054 | 1,212,276 | 1,073,957 | 38,155 | 1,112,113 |
| 2632 | (848,583) | 698,175 | 8,634,494 | 268,373 | 9,601,042 | 330,853 | 1,998,658 | — | 163,210 | 2,492,721 | 2,137,881 | 13,074 | 2,150,954 |
| 2633 | (2,974,442) | 2,447,235 | 30,265,525 | 301,125 | 33,013,885 | 1,159,701 | 7,005,671 | — | 264,668 | 8,430,040 | 7,493,674 | 2,847 | 7,496,521 |
| 2635 | (405,348) | 333,502 | 4,124,500 | 19,968 | 4,477,970 | 158,041 | 954,713 | — | 125,115 | 1,237,868 | 1,021,217 | (16,507) | 1,004,709 |
| 2640 | (965,780) | 794,600 | 9,827,002 | 971,212 | 11,592,813 | 376,547 | 2,274,692 | — | 12,047 | 2,663,285 | 2,433,143 | 164,821 | 2,597,964 |
| 2641 | (574,509) | 472,680 | 5,845,738 | 165,612 | 6,484,030 | 223,994 | 1,353,134 | — | — | 1,577,129 | 1,447,391 | 29,768 | 1,477,160 |
| 2642 | (2,397,783) | 1,972,786 | 24,397,908 | 584,429 | 26,955,123 | 934,868 | 5,647,472 | — | — | 6,582,340 | 6,040,865 | 95,303 | 6,136,169 |
| 2643 | (2,186,411) | 1,798,879 | 22,247,153 | 766,945 | 24,812,976 | 852,456 | 5,149,629 | — | 111,603 | 6,113,688 | 5,508,343 | 126,378 | 5,634,721 |
| 2644 | (2,034,815) | 1,674,153 | 20,704,643 | 533,005 | 22,911,802 | 793,351 | 4,792,579 | — | 121,245 | 5,707,175 | 5,126,421 | 75,662 | 5,202,083 |
| 2645 | (2,604,584) | 2,142,933 | 26,502,152 | 80,473 | 28,725,558 | 1,015,497 | 6,134,549 | — | 1,314,327 | 8,464,374 | 6,561,871 | (197,210) | 6,364,661 |
| 2648 | (502,850) | 413,722 | 5,116,594 | 69,495 | 5,599,812 | 196,055 | 1,184,357 | — | 16,054 | 1,396,466 | 1,266,857 | 10,274 | 1,277,131 |
| 2649 | (1,044,795) | 859,609 | 10,630,991 | 55,999 | 11,546,599 | 407,353 | 2,460,794 | — | 43,562 | 2,911,710 | 2,632,209 | 3,153 | 2,635,362 |
| 2650 | (231,263) | 190,272 | 2,353,142 | 177,673 | 2,721,087 | 90,167 | 544,690 | — | 206,053 | 840,910 | 582,633 | 628 | 583,260 |
| 2651 | (3,772,466) | 3,103,812 | 38,385,572 | 287,959 | 41,777,343 | 1,470,841 | 8,885,248 | — | 1,596,824 | 11,952,912 | 9,504,178 | (254,031) | 9,250,147 |
| 2652 | (420,069) | 345,614 | 4,274,289 | 130,643 | 4,750,546 | 163,780 | 989,385 | — | 4,682 | 1,157,847 | 1,058,304 | 21,393 | 1,079,697 |
| 2653 | (612,414) | 503,866 | 6,231,432 | 5,203 | 6,740,501 | 238,773 | 1,442,412 | — | 131,278 | 1,812,463 | 1,542,888 | (23,090) | 1,519,798 |
| 2654 | (3,861,273) | 3,176,879 | 39,289,202 | 402,042 | 42,868,122 | 1,505,466 | 9,094,414 | — | 305,176 | 10,905,056 | 9,727,915 | 11,594 | 9,739,509 |
| 2655 | (2,140,965) | 1,761,488 | 21,784,735 | 7,252 | 23,553,475 | 834,737 | 5,042,592 | — | 216,070 | 6,093,400 | 5,393,580 | (38,075) | 5,355,775 |
| 2656 | (2,047,910) | 1,684,927 | 20,837,885 | 305,196 | 22,828,008 | 798,457 | 4,823,421 | — | — | 5,621,878 | 5,159,412 | 51,095 | 5,210,507 |
| 3032 | (286,290) | 235,546 | 2,913,055 | 21,367 | 3,169,968 | 111,621 | 674,295 | — | 53,781 | 839,697 | 721,266 | (4,983) | 716,282 |
| 3041 | (120,218) | 98,910 | 1,223,242 | 11,572 | 1,333,724 | 46,872 | 283,148 | — | 22,842 | 352,862 | 302,872 | (2,084) | 300,788 |
| 3042 | (341,978) | 281,364 | 3,479,692 | 96,891 | 3,857,947 | 133,333 | 805,457 | — | — | 938,790 | 861,564 | 15,981 | 877,544 |
| 3043 | (355,770) | 292,712 | 3,620,033 | 29,529 | 3,942,274 | 138,711 | 837,942 | — | 38,587 | 1,015,240 | 896,312 | (2,518) | 893,794 |
| 3044 | (226,489) | 186,345 | 2,304,571 | 186,481 | 2,677,396 | 88,305 | 533,447 | — | 32,610 | 654,363 | 570,606 | 25,878 | 596,485 |
| 3048 | (113,969) | 93,769 | 1,159,660 | 42,974 | 1,296,402 | 44,435 | 268,431 | — | 65,572 | 378,438 | 287,129 | (3,134) | 284,995 |
| 3077 | (287,978) | 236,935 | 2,930,227 | 87,051 | 3,254,214 | 112,279 | 678,270 | — | — | 790,549 | 725,517 | 14,989 | 740,507 |
| 3078 | (127,718) | 105,081 | 1,299,560 | 18,055 | 1,422,696 | 49,796 | 300,814 | — | 28,738 | 379,347 | 321,768 | (1,256) | 320,512 |
| 3079 | (81,273) | 66,868 | 826,967 | 27,338 | 921,172 | 31,687 | 191,421 | — | 4,473 | 227,581 | 204,755 | 3,569 | 208,324 |
| 3081 | (144,190) | 118,633 | 1,467,159 | 42,622 | 1,628,414 | 56,218 | 339,609 | — | 11,499 | 407,326 | 363,265 | 6,322 | 369,587 |
| 3082 | (264,989) | 218,021 | 2,696,311 | 35,951 | 2,950,283 | 103,316 | 624,125 | — | 39,309 | 766,749 | 667,600 | 337 | 667,937 |
| 3101 | (126,074) | 103,728 | 1,282,826 | 26,454 | 1,413,008 | 49,155 | 296,940 | — | 68,434 | 414,529 | 317,625 | (7,295) | 310,330 |
| 3105 | (126,682) | 104,228 | 1,289,009 | 38,948 | 1,432,185 | 49,392 | 298,372 | — | 12,020 | 359,784 | 319,156 | 4,023 | 323,178 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 3106 | (225,355) | 185,412 | 2,293,030 | — | 2,478,442 | 87,863 | 530,776 | — | 151,826 | 770,465 | 567,749 | (26,644) | 541,105 |
| 3107 | (197,093) | 162,159 | 2,005,461 | 79,675 | 2,247,295 | 76,844 | 464,211 | — | 10,351 | 551,406 | 496,547 | 13,414 | 509,962 |
| 3126 | (265,089) | 218,103 | 2,697,331 | 420,161 | 3,335,596 | 103,355 | 624,361 | — | 122,200 | 849,916 | 667,853 | 54,117 | 721,970 |
| 3128 | (215,205) | 177,061 | 2,189,753 | 89,197 | 2,456,010 | 83,906 | 506,870 | — | 68,451 | 659,227 | 542,178 | 3,874 | 546,051 |
| 3178 | (364,972) | 300,282 | 3,713,660 | 95,263 | 4,109,206 | 142,298 | 859,614 | — | 5,618 | 1,007,531 | 919,494 | 16,996 | 936,490 |
| 3179 | (250,372) | 205,995 | 2,547,586 | 625 | 2,754,206 | 97,617 | 589,699 | — | 17,584 | 704,900 | 630,776 | (2,889) | 627,887 |
| 3201 | (143,629) | 118,171 | 1,461,454 | 72,419 | 1,652,045 | 55,999 | 338,288 | — | 12,872 | 407,160 | 361,853 | 11,356 | 373,209 |
| 3202 | (257,418) | 211,792 | 2,619,276 | 11,300 | 2,842,368 | 100,364 | 606,293 | — | 41,149 | 747,806 | 648,527 | (6,029) | 642,498 |
| 3204 | (251,739) | 207,119 | 2,561,490 | 99,745 | 2,868,354 | 98,150 | 592,917 | — | 2,702 | 693,769 | 634,219 | 16,509 | 650,728 |
| 3206 | (291,271) | 239,644 | 2,963,734 | 8,143 | 3,211,521 | 113,563 | 686,026 | — | 49,878 | 849,467 | 733,814 | (7,825) | 725,989 |
| 3208 | (128,715) | 105,901 | 1,309,702 | 43,227 | 1,458,830 | 50,185 | 303,162 | — | 35,697 | 389,043 | 324,279 | 2,297 | 326,576 |
| 3226 | (336,834) | 277,132 | 3,427,351 | 231,606 | 3,936,089 | 131,328 | 793,341 | — | — | 924,669 | 848,604 | 38,496 | 887,100 |
| 3229 | (218,029) | 179,384 | 2,218,485 | 9,600 | 2,407,469 | 85,007 | 513,521 | — | 101,741 | 700,268 | 549,292 | (17,624) | 531,668 |
| 3231 | (309,794) | 254,884 | 3,152,214 | 70,222 | 3,477,320 | 120,785 | 729,654 | — | 10,819 | 861,259 | 780,481 | 11,042 | 791,523 |
| 3232 | (155,706) | 128,108 | 1,584,344 | — | 1,712,452 | 60,708 | 366,734 | — | 44,859 | 472,301 | 392,280 | (7,491) | 384,789 |
| 3276 | (302,013) | 248,482 | 3,073,041 | 35,797 | 3,357,320 | 117,751 | 711,328 | — | 51,018 | 880,097 | 760,878 | (2,003) | 758,875 |
| 3277 | (348,811) | 286,986 | 3,549,217 | — | 3,836,202 | 135,997 | 821,550 | — | 74,348 | 1,031,896 | 878,778 | (13,276) | 865,502 |
| 3278 | (243,186) | 200,083 | 2,474,468 | 27,667 | 2,702,218 | 94,816 | 572,774 | — | 20,884 | 688,474 | 612,673 | 1,191 | 613,863 |
| 3280 | (290,668) | 239,148 | 2,957,600 | 56,763 | 3,253,511 | 113,328 | 684,606 | — | 21,734 | 819,669 | 732,295 | 7,171 | 739,466 |
| 3281 | (298,862) | 245,890 | 3,040,979 | 140,907 | 3,427,776 | 116,523 | 703,907 | — | 228,064 | 1,048,494 | 752,939 | (10,309) | 742,631 |
| 3284 | (319,349) | 262,745 | 3,249,433 | 13,155 | 3,525,333 | 124,510 | 752,158 | — | 122,699 | 999,367 | 804,552 | (20,462) | 784,090 |
| 3303 | (324,274) | 266,798 | 3,299,550 | 162,355 | 3,728,703 | 126,431 | 763,759 | — | 7,290 | 897,479 | 816,961 | 27,622 | 844,583 |
| 3304 | (168,651) | 138,758 | 1,716,059 | 27,239 | 1,882,056 | 65,755 | 397,222 | — | 21,574 | 484,551 | 424,892 | 727 | 425,619 |
| 3305 | (215,411) | 177,230 | 2,191,847 | 33,256 | 2,402,334 | 83,986 | 507,355 | — | 11,941 | 603,282 | 542,696 | 3,664 | 546,360 |
| 3306 | (217,251) | 178,744 | 2,210,570 | 18,567 | 2,407,880 | 84,704 | 511,689 | — | 67,413 | 663,805 | 547,332 | (8,607) | 539,725 |
| 3307 | (83,791) | 68,939 | 852,587 | 73,490 | 995,016 | 32,669 | 197,351 | — | — | 230,020 | 211,098 | 12,806 | 223,904 |
| 3308 | (173,946) | 143,115 | 1,769,935 | 2,088 | 1,915,138 | 67,820 | 409,693 | — | 81,456 | 558,969 | 438,232 | (13,036) | 425,196 |
| 3309 | (297,493) | 244,764 | 3,027,052 | 2,702 | 3,274,518 | 115,989 | 700,683 | — | 38,775 | 855,447 | 749,491 | (6,734) | 742,757 |
| 3326 | (266,551) | 219,306 | 2,712,212 | 35,773 | 2,967,292 | 103,925 | 627,806 | — | 2,624 | 734,355 | 671,537 | 6,408 | 677,945 |
| 3327 | (346,311) | 284,929 | 3,523,785 | 143,279 | 3,951,994 | 135,023 | 815,663 | — | — | 950,686 | 872,481 | 25,725 | 898,206 |
| 3328 | (186,084) | 153,102 | 1,893,444 | 263,291 | 2,309,837 | 72,552 | 438,282 | — | — | 510,834 | 468,812 | 46,002 | 514,814 |
| 3329 | (235,539) | 193,791 | 2,396,653 | 30,157 | 2,620,601 | 91,834 | 554,762 | — | — | 646,596 | 593,406 | 4,892 | 598,298 |
| 3330 | (351,351) | 289,076 | 3,575,068 | 109,129 | 3,973,273 | 136,988 | 827,534 | — | — | 964,522 | 885,179 | 18,310 | 903,489 |
| 3331 | (423,981) | 348,833 | 4,314,093 | 1,625 | 4,664,550 | 165,305 | 998,599 | — | 261,857 | 1,425,762 | 1,068,159 | (45,072) | 1,023,087 |
| 3332 | (179,370) | 147,578 | 1,825,125 | 33,933 | 2,006,636 | 69,934 | 422,468 | — | 5,848 | 498,251 | 451,897 | 4,626 | 456,523 |
| 3452 | (449,757) | 370,039 | 4,576,363 | 63,774 | 5,010,176 | 175,355 | 1,059,307 | — | 227,662 | 1,462,324 | 1,133,097 | (24,971) | 1,108,126 |
| 3453 | (148,479) | 122,162 | 1,510,805 | 29,491 | 1,662,458 | 57,890 | 349,711 | — | 26,866 | 434,468 | 374,072 | 887 | 374,959 |
| 3458 | (316,459) | 260,368 | 3,220,031 | 104,378 | 3,584,777 | 123,384 | 745,352 | — | 9,740 | 878,476 | 797,272 | 17,798 | 815,071 |
| 3460 | (476,316) | 391,891 | 4,846,609 | 133,505 | 5,372,006 | 185,710 | 1,121,862 | — | 800 | 1,308,373 | 1,200,009 | 22,024 | 1,222,033 |
| 3464 | (128,151) | 105,437 | 1,303,963 | 9,700 | 1,419,099 | 49,965 | 301,833 | — | 13,386 | 365,183 | 322,858 | (326) | 322,532 |
| 3465 | (92,533) | 76,132 | 941,542 | 10,882 | 1,028,556 | 36,078 | 217,942 | — | 55,572 | 309,592 | 233,124 | (8,519) | 224,605 |
| 3466 | (245,979) | 202,380 | 2,502,884 | 21,841 | 2,727,105 | 95,904 | 579,352 | — | 62,640 | 737,896 | 619,708 | (6,264) | 613,445 |
| 3467 | (122,490) | 100,779 | 1,246,362 | 23,404 | 1,370,546 | 47,758 | 288,500 | — | 50,486 | 386,743 | 308,596 | (5,850) | 302,746 |
| 3468 | (26,179) | 21,539 | 266,376 | 14,504 | 302,418 | 10,207 | 61,659 | — | 10,100 | 81,966 | 65,954 | 1,161 | 67,115 |
| 3470 | (113,768) | 93,603 | 1,157,609 | 17,800 | 1,269,012 | 44,357 | 267,956 | — | 52,550 | 364,863 | 286,621 | (6,496) | 280,125 |
| 3471 | (103,142) | 84,860 | 1,049,485 | 35,289 | 1,169,634 | 40,214 | 242,928 | — | 45,846 | 328,988 | 259,850 | (642) | 259,208 |
| 3472 | (93,206) | 76,685 | 948,387 | 34,367 | 1,059,439 | 36,340 | 219,527 | — | 9,822 | 265,688 | 234,818 | 3,690 | 238,509 |
| 3526 | (229,971) | 189,210 | 2,340,004 | 102,508 | 2,631,722 | 89,663 | 541,649 | — | 44,813 | 676,125 | 579,380 | 7,992 | 587,372 |
| 3527 | (195,441) | 160,800 | 1,988,649 | 68,418 | 2,217,868 | 76,200 | 460,320 | — | 27,026 | 563,546 | 492,385 | 8,792 | 501,177 |
| 3528 | (189,105) | 155,587 | 1,924,181 | 12,555 | 2,092,323 | 73,730 | 445,397 | — | 52,354 | 571,481 | 476,423 | (6,004) | 470,419 |
| 3531 | (273,519) | 225,039 | 2,783,110 | 40,514 | 3,048,663 | 106,642 | 644,216 | — | 218,514 | 969,372 | 689,091 | (34,717) | 654,375 |
| 3552 | (82,960) | 68,256 | 844,139 | 133,094 | 1,045,489 | 32,345 | 195,396 | — | 25,626 | 253,367 | 209,007 | 17,206 | 226,213 |
| 3559 | (218,554) | 179,816 | 2,223,826 | 81,386 | 2,485,028 | 85,212 | 514,757 | — | 47,777 | 647,745 | 550,614 | 5,838 | 556,452 |
| 3560 | (271,410) | 223,304 | 2,761,647 | 34,772 | 3,019,723 | 105,820 | 639,248 | — | 88,414 | 833,482 | 683,777 | (8,626) | 675,152 |
| 3561 | (302,143) | 248,590 | 3,074,365 | 102,391 | 3,425,346 | 117,802 | 711,634 | — | 46,806 | 876,243 | 761,206 | 8,732 | 769,938 |
| 3576 | (120,732) | 99,333 | 1,228,476 | 19,547 | 1,347,356 | 47,072 | 284,360 | — | 32,720 | 364,152 | 304,168 | (1,554) | 302,614 |
| 3577 | (264,284) | 217,441 | 2,689,141 | 27,711 | 2,934,292 | 103,041 | 622,465 | — | 93,100 | 818,607 | 665,825 | (11,385) | 654,440 |
| 3579 | (137,761) | 113,343 | 1,401,740 | 98,098 | 1,613,182 | 53,711 | 324,466 | — | 33,382 | 411,559 | 347,068 | 9,603 | 356,671 |
| 3585 | (306,911) | 252,512 | 3,122,879 | 38,927 | 3,414,318 | 119,661 | 722,864 | — | 112,697 | 955,222 | 773,218 | (13,736) | 759,482 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 3586 | (331,116) | 272,427 | 3,369,174 | 161,594 | 3,803,195 | 129,098 | 779,875 | — | 176,616 | 1,085,589 | 834,200 | (3,339) | 830,860 |
| 3589 | (262,538) | 216,004 | 2,671,374 | 56,592 | 2,943,970 | 102,360 | 618,353 | — | 82,644 | 803,357 | 661,426 | (2,514) | 658,912 |
| 3591 | (123,246) | 101,401 | 1,254,049 | 52,765 | 1,408,215 | 48,052 | 290,279 | — | 14,557 | 352,888 | 310,500 | 7,793 | 318,292 |
| 3592 | (282,612) | 232,520 | 2,875,630 | 1,133 | 3,109,283 | 110,187 | 665,633 | — | 41,831 | 817,651 | 711,999 | (7,065) | 704,934 |
| 3593 | (513,750) | 422,690 | 5,227,503 | 56,495 | 5,706,688 | 200,305 | 1,210,029 | — | 30,662 | 1,440,997 | 1,294,318 | 3,825 | 1,298,142 |
| 3594 | (125,956) | 103,631 | 1,281,626 | 9,126 | 1,394,383 | 49,109 | 296,663 | — | 21,419 | 367,191 | 317,328 | (1,817) | 315,511 |
| 3626 | (562,446) | 462,755 | 5,723,002 | 60,156 | 6,245,913 | 219,291 | 1,324,724 | — | 6,117 | 1,550,133 | 1,417,002 | 3,825 | 1,426,186 |
| 3629 | (363,483) | 299,057 | 3,698,514 | — | 3,997,571 | 141,718 | 856,108 | — | 107,413 | 1,105,240 | 915,743 | (19,587) | 896,156 |
| 3630 | (571,178) | 469,939 | 5,811,850 | 198,084 | 6,479,873 | 222,696 | 1,345,290 | — | 72,743 | 1,640,728 | 1,439,001 | 20,096 | 1,459,097 |
| 3631 | (477,968) | 393,250 | 4,863,413 | 46,539 | 5,303,202 | 186,354 | 1,125,752 | — | 37,370 | 1,349,476 | 1,204,170 | 931 | 1,205,100 |
| 3632 | (848,143) | 697,814 | 8,630,023 | 104,974 | 9,432,810 | 330,681 | 1,997,623 | — | 32,568 | 2,360,872 | 2,136,774 | 11,187 | 2,147,961 |
| 3635 | (583,796) | 480,321 | 5,940,237 | 110,157 | 6,530,715 | 227,615 | 1,375,008 | — | 13,685 | 1,616,308 | 1,470,789 | 18,694 | 1,489,483 |
| 3636 | (483,031) | 397,416 | 4,914,939 | 78,794 | 5,391,149 | 188,328 | 1,137,679 | — | 3,428 | 1,329,435 | 1,216,928 | 14,038 | 1,230,965 |
| 3658 | (466,021) | 383,421 | 4,741,857 | 24,587 | 5,149,864 | 181,696 | 1,097,615 | — | 52,275 | 1,331,586 | 1,174,073 | (5,876) | 1,168,197 |
| 3679 | (502,794) | 413,676 | 5,116,029 | 24,441 | 5,554,146 | 196,034 | 1,184,226 | — | 47,653 | 1,427,913 | 1,266,717 | (2,873) | 1,263,844 |
| 3702 | (282,061) | 232,067 | 2,870,029 | 4,555 | 3,106,651 | 109,972 | 664,336 | — | 81,103 | 855,411 | 710,612 | (13,192) | 697,420 |
| 3709 | (229,293) | 188,651 | 2,333,097 | — | 2,521,748 | 89,399 | 540,050 | — | 106,670 | 736,119 | 577,669 | (18,615) | 559,054 |
| 3805 | (177,731) | 146,229 | 1,808,446 | 24,036 | 1,978,711 | 69,295 | 418,608 | — | 21,191 | 509,093 | 447,767 | 1,185 | 448,952 |
| 3821 | (256,010) | 210,634 | 2,604,954 | 364 | 2,815,951 | 99,815 | 602,978 | — | 127,302 | 830,095 | 644,981 | (23,395) | 621,586 |
| 3822 | (95,566) | 78,628 | 972,405 | 32,881 | 1,083,914 | 37,260 | 225,086 | — | 79,857 | 342,203 | 240,765 | (8,489) | 232,276 |
| 3854 | (548,518) | 451,296 | 5,581,277 | 271,918 | 6,304,491 | 213,861 | 1,291,919 | — | 229,670 | 1,735,449 | 1,381,911 | 1,607 | 1,383,518 |
| 3855 | (310,380) | 255,366 | 3,158,172 | 37,055 | 3,450,593 | 121,013 | 731,034 | — | 46,128 | 898,175 | 781,956 | (2,993) | 778,963 |
| 3856 | (60,071) | 49,424 | 611,236 | 8,510 | 669,170 | 23,421 | 141,485 | — | 7,273 | 172,179 | 151,341 | 484 | 151,825 |
| 3927 | (352,039) | 289,641 | 3,582,063 | 18,071 | 3,889,776 | 137,256 | 829,153 | — | 140,450 | 1,106,859 | 886,911 | (19,575) | 867,336 |
| 3928 | (154,120) | 126,803 | 1,568,198 | 127,173 | 1,822,174 | 60,090 | 362,997 | — | 1,801 | 424,887 | 388,282 | 23,514 | 411,797 |
| 3929 | (324,707) | 267,154 | 3,303,953 | 57,970 | 3,629,077 | 126,599 | 764,778 | — | 123,818 | 1,015,195 | 818,051 | (11,491) | 806,560 |
| 3930 | (284,589) | 234,147 | 2,895,750 | 45,862 | 3,175,759 | 110,958 | 670,290 | — | 21,781 | 803,029 | 716,981 | 4,656 | 721,637 |
| 3931 | (383,626) | 315,630 | 3,903,471 | — | 4,219,101 | 149,571 | 903,551 | — | 135,903 | 1,189,025 | 966,490 | (23,032) | 943,458 |
| 3932 | (279,234) | 229,741 | 2,841,261 | 28,381 | 3,099,383 | 108,870 | 657,677 | — | 20,862 | 787,409 | 703,490 | 1,503 | 704,993 |
| 3934 | (53,535) | 44,046 | 544,732 | 58,114 | 646,892 | 20,873 | 126,091 | — | 123 | 147,087 | 134,874 | 10,139 | 145,013 |
| 3979 | (193,606) | 159,291 | 1,969,983 | 69,365 | 2,198,639 | 75,485 | 455,999 | — | — | 531,484 | 487,763 | 11,454 | 499,218 |
| 3980 | (181,468) | 149,304 | 1,846,474 | 38,770 | 2,034,547 | 70,752 | 427,410 | — | 1,962 | 500,124 | 457,183 | 6,811 | 463,993 |
| 3981 | (129,377) | 106,445 | 1,316,434 | 82,859 | 1,505,738 | 50,443 | 304,720 | — | 79,739 | 434,901 | 325,946 | (1,126) | 324,820 |
| 3982 | (65,210) | 53,651 | 663,521 | 17,168 | 734,340 | 25,424 | 153,588 | — | 20,308 | 199,320 | 164,286 | 112 | 164,398 |
| 3983 | (137,665) | 113,264 | 1,400,785 | 132,497 | 1,646,526 | 53,674 | 324,240 | — | 4,793 | 382,707 | 346,826 | 23,803 | 370,630 |
| 3986 | (143,703) | 118,233 | 1,462,209 | 99,642 | 1,680,084 | 56,028 | 338,463 | — | 2,197 | 396,688 | 362,040 | 16,485 | 378,524 |
| 3987 | (112,491) | 92,552 | 1,144,617 | 48,345 | 1,285,515 | 43,859 | 264,949 | — | 56,641 | 365,449 | 283,405 | (3,086) | 280,319 |
| 3988 | (137,178) | 112,864 | 1,395,811 | 88,785 | 1,597,460 | 53,484 | 323,094 | — | 19,199 | 395,777 | 345,600 | 13,606 | 359,206 |
| 3989 | (98,175) | 80,774 | 998,950 | 53,188 | 1,132,912 | 38,277 | 231,231 | — | 12,584 | 282,092 | 247,338 | 6,322 | 253,660 |
| 3990 | (141,146) | 116,128 | 1,436,187 | 94,383 | 1,646,699 | 55,031 | 332,440 | — | — | 387,471 | 355,597 | 15,891 | 371,488 |
| 3991 | (165,617) | 136,262 | 1,685,189 | 17,516 | 1,838,968 | 64,572 | 390,077 | — | 25,035 | 479,684 | 417,249 | (754) | 416,495 |
| 3992 | (152,520) | 125,487 | 1,551,926 | 4,667 | 1,682,079 | 59,466 | 359,230 | — | 44,192 | 462,888 | 384,253 | (6,938) | 377,315 |
| 3994 | (269,520) | 221,749 | 2,742,416 | 42,522 | 3,006,687 | 105,083 | 634,797 | — | — | 740,217 | 679,016 | 6,923 | 685,939 |
| 3995 | (140,908) | 115,933 | 1,433,768 | 20,744 | 1,570,445 | 54,938 | 331,880 | — | 48,884 | 435,702 | 354,998 | (4,027) | 350,971 |
| 3996 | (113,464) | 93,353 | 1,154,517 | 20,798 | 1,268,669 | 44,238 | 267,240 | — | 13,796 | 325,274 | 285,856 | 774 | 286,630 |
| 3997 | (127,020) | 104,506 | 1,292,455 | 52,916 | 1,449,877 | 49,524 | 299,169 | — | 39,575 | 388,268 | 320,009 | 3,260 | 323,269 |
| 3998 | (121,571) | 100,023 | 1,237,004 | 13,377 | 1,350,403 | 47,399 | 286,334 | — | 52,662 | 386,394 | 306,279 | (6,278) | 300,001 |
| 3999 | (133,078) | 109,490 | 1,354,093 | — | 1,463,583 | 51,886 | 313,437 | — | 101,713 | 467,035 | 335,270 | (17,889) | 317,381 |
| 4004 | (65,738) | 54,086 | 668,894 | 40,970 | 763,951 | 25,630 | 154,831 | — | — | 180,462 | 165,617 | 6,959 | 172,576 |
| 4007 | (96,865) | 79,696 | 985,617 | 15,271 | 1,080,583 | 37,766 | 228,144 | — | 4,693 | 270,604 | 244,036 | 1,646 | 245,682 |
| 4008 | (34,472) | 28,362 | 350,761 | 16,773 | 395,896 | 13,440 | 81,192 | — | 3,112 | 97,744 | 86,848 | 2,721 | 89,568 |
| 4009 | (568,193) | 467,484 | 5,781,478 | 102,649 | 6,351,611 | 221,532 | 1,338,260 | — | 28,267 | 1,588,059 | 1,431,481 | 13,499 | 1,444,979 |
| 4010 | (55,137) | 45,364 | 561,031 | 12,225 | 618,620 | 21,497 | 129,864 | — | 33,205 | 184,566 | 138,910 | (3,290) | 135,620 |
| 4014 | (267,571) | 220,145 | 2,722,582 | 36,020 | 2,978,747 | 104,323 | 630,206 | — | 82,435 | 816,964 | 674,105 | (9,920) | 664,185 |
| 4015 | (164,052) | 134,974 | 1,669,258 | 22,318 | 1,826,551 | 63,962 | 386,389 | — | 54,303 | 504,654 | 413,304 | (4,775) | 408,529 |
| 4020 | (325,140) | 267,510 | 3,308,359 | 4,448 | 3,580,317 | 126,768 | 765,798 | — | 38,151 | 930,718 | 819,142 | (5,242) | 813,900 |
| 4021 | (449,321) | 369,681 | 4,571,931 | 1,897 | 4,943,509 | 175,185 | 1,058,281 | — | 138,828 | 1,372,295 | 1,131,999 | (24,808) | 1,107,191 |
| 4022 | (329,005) | 270,691 | 3,347,694 | 13,492 | 3,631,877 | 128,275 | 774,903 | — | 85,243 | 988,421 | 828,881 | (12,764) | 816,118 |
| 4027 | (317,560) | 261,274 | 3,231,235 | 99,998 | 3,592,506 | 123,813 | 747,946 | — | — | 871,759 | 800,046 | 17,331 | 817,377 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 4028 | (60,524) | 49,796 | 615,843 | 12,326 | 677,966 | 23,598 | 142,552 | — | 22,605 | 188,754 | 152,481 | (1,285) | 151,196 |
| 4029 | (362,223) | 298,020 | 3,685,689 | 35,091 | 4,018,800 | 141,227 | 853,140 | — | 61,324 | 1,055,691 | 912,568 | (3,946) | 908,622 |
| 4030 | (213,726) | 175,844 | 2,174,703 | 16,722 | 2,367,269 | 83,329 | 503,386 | — | 14,474 | 601,190 | 538,451 | (139) | 538,312 |
| 4031 | (198,351) | 163,194 | 2,018,255 | 72,791 | 2,254,240 | 77,335 | 467,173 | — | 84,673 | 629,181 | 499,715 | (379) | 499,337 |
| 4034 | (171,037) | 140,722 | 1,740,338 | 45,534 | 1,926,595 | 66,685 | 402,842 | — | 93,280 | 562,807 | 430,904 | (6,737) | 424,167 |
| 4036 | (274,263) | 225,651 | 2,790,676 | 208,063 | 3,224,390 | 106,932 | 645,968 | — | 67,566 | 820,466 | 690,965 | 27,451 | 718,416 |
| 4101 | (165,081) | 135,821 | 1,679,730 | 110,215 | 1,925,766 | 64,363 | 388,813 | — | 100 | 453,277 | 415,897 | 17,985 | 433,883 |
| 4104 | (150,236) | 123,607 | 1,528,682 | 9,537 | 1,661,826 | 58,575 | 353,850 | — | 12,481 | 424,906 | 378,498 | (147) | 378,351 |
| 4124 | (14,507) | 11,936 | 147,616 | 11,930 | 171,482 | 5,656 | 34,169 | — | 6,378 | 46,204 | 36,549 | 1,254 | 37,803 |
| 4126 | (518,387) | 426,505 | 5,274,688 | 163,095 | 5,864,288 | 202,113 | 1,220,951 | — | — | 1,423,064 | 1,306,001 | 29,218 | 1,335,219 |
| 4128 | (327,694) | 269,612 | 3,334,355 | 76,577 | 3,680,544 | 127,764 | 771,815 | — | 96,900 | 996,479 | 825,579 | (5,921) | 819,658 |
| 4130 | (293,308) | 241,321 | 2,984,469 | 61,461 | 3,287,251 | 114,358 | 690,826 | — | 6,522 | 811,706 | 738,948 | 10,471 | 749,419 |
| 4132 | (135,627) | 111,588 | 1,380,030 | 20,651 | 1,512,268 | 52,879 | 319,440 | — | 46,587 | 418,907 | 341,692 | (4,843) | 336,849 |
| 4134 | (131,176) | 107,926 | 1,334,740 | 15,170 | 1,457,836 | 51,144 | 308,957 | — | 9,761 | 369,862 | 330,479 | 523 | 331,002 |
| 4135 | (101,311) | 83,354 | 1,030,859 | 132,083 | 1,246,296 | 39,500 | 238,617 | — | 1,577 | 279,694 | 255,238 | 23,368 | 278,607 |
| 4137 | (147,889) | 121,676 | 1,504,796 | 10,097 | 1,636,569 | 57,660 | 348,321 | — | 19,066 | 425,046 | 372,584 | (1,189) | 371,394 |
| 4142 | (470,833) | 387,380 | 4,790,817 | 15,757 | 5,193,954 | 183,572 | 1,108,948 | — | 64,365 | 1,356,885 | 1,186,195 | (7,248) | 1,178,948 |
| 4143 | (375,745) | 309,146 | 3,823,276 | 52,495 | 4,184,916 | 146,499 | 884,988 | — | 63,137 | 1,094,623 | 946,634 | (3,281) | 943,354 |
| 4144 | (235,556) | 193,805 | 2,396,832 | — | 2,590,637 | 91,841 | 554,803 | — | 94,041 | 740,685 | 593,450 | (15,988) | 577,462 |
| 4149 | (129,578) | 106,610 | 1,318,476 | 24,062 | 1,449,149 | 50,521 | 305,193 | — | 18,525 | 374,238 | 326,452 | 1,346 | 327,797 |
| 4151 | (334,480) | 275,195 | 3,403,404 | 69,862 | 3,748,461 | 130,410 | 787,798 | — | 3,109 | 921,317 | 842,675 | 12,059 | 854,734 |
| 4152 | (300,929) | 247,590 | 3,062,008 | 6,602 | 3,316,201 | 117,329 | 708,774 | — | 21,299 | 847,402 | 758,146 | (2,162) | 755,984 |
| 4153 | (334,594) | 275,288 | 3,404,557 | 45,589 | 3,725,435 | 130,454 | 788,065 | — | 11,781 | 930,301 | 842,960 | 6,838 | 849,798 |
| 4154 | (176,742) | 145,415 | 1,798,386 | 40,953 | 1,984,755 | 68,910 | 416,279 | — | 36,245 | 521,433 | 445,276 | 382 | 445,659 |
| 4155 | (257,229) | 211,636 | 2,617,357 | 2,660 | 2,831,654 | 100,291 | 605,849 | — | 64,045 | 770,185 | 648,052 | (11,179) | 636,873 |
| 4178 | (251,197) | 206,673 | 2,555,974 | 104,262 | 2,866,909 | 97,939 | 591,641 | — | 39,742 | 729,321 | 632,853 | 11,123 | 643,976 |
| 4180 | (492,038) | 404,826 | 5,006,581 | 95,006 | 5,506,413 | 191,840 | 1,158,891 | — | 2,521 | 1,353,253 | 1,239,618 | 15,746 | 1,255,364 |
| 4183 | (322,161) | 265,059 | 3,278,048 | 23,187 | 3,566,294 | 125,607 | 758,782 | — | 11,299 | 895,688 | 811,637 | 1,860 | 813,497 |
| 4184 | (311,090) | 255,951 | 3,165,402 | 7,584 | 3,428,937 | 121,290 | 732,707 | — | 57,542 | 911,540 | 783,746 | (9,174) | 774,572 |
| 4202 | (204,695) | 168,414 | 2,082,813 | 90,486 | 2,341,713 | 79,808 | 482,116 | — | 3,612 | 565,537 | 515,700 | 15,708 | 531,408 |
| 4203 | (205,876) | 169,385 | 2,094,826 | 58,907 | 2,323,119 | 80,269 | 484,897 | — | 18,385 | 583,550 | 518,674 | 7,821 | 526,495 |
| 4205 | (144,922) | 119,235 | 1,474,605 | 24,092 | 1,617,932 | 56,503 | 341,332 | — | 40,945 | 438,780 | 365,109 | (2,897) | 362,212 |
| 4206 | (141,659) | 116,551 | 1,441,409 | 52,476 | 1,610,436 | 55,231 | 333,648 | — | 10,950 | 399,830 | 356,890 | 7,728 | 364,618 |
| 4208 | (759,692) | 625,040 | 7,730,018 | 153,663 | 8,508,722 | 296,195 | 1,789,295 | — | 74,759 | 2,160,250 | 1,913,935 | 15,949 | 1,929,883 |
| 4258 | (244,235) | 200,946 | 2,485,143 | 112,093 | 2,798,182 | 95,225 | 575,245 | — | 3,013 | 673,483 | 615,316 | 18,832 | 634,148 |
| 4259 | (245,802) | 202,235 | 2,501,084 | 53,891 | 2,757,210 | 95,835 | 578,935 | — | 19,985 | 694,755 | 619,263 | 6,730 | 625,993 |
| 4260 | (390,804) | 321,535 | 3,976,502 | 61,686 | 4,359,724 | 152,370 | 920,455 | — | 39,296 | 1,112,121 | 984,573 | 4,510 | 989,083 |
| 4301 | (751,020) | 617,905 | 7,641,773 | 170,798 | 8,430,476 | 292,814 | 1,768,869 | — | 118,933 | 2,180,616 | 1,892,085 | 5,067 | 1,897,152 |
| 4351 | (1,111,571) | 914,550 | 11,310,456 | 130,388 | 12,355,394 | 433,389 | 2,618,072 | — | 174,558 | 3,226,019 | 2,800,442 | (12,460) | 2,787,982 |
| 4353 | (656,728) | 540,326 | 6,682,340 | 75,803 | 7,298,469 | 256,051 | 1,546,785 | — | 2,635 | 1,805,471 | 1,654,532 | 12,678 | 1,667,209 |
| 4355 | (1,083,341) | 891,324 | 11,023,207 | 56,667 | 11,971,198 | 422,382 | 2,551,582 | — | 152,725 | 3,126,689 | 2,729,321 | (16,964) | 2,712,356 |
| 4356 | (1,722,545) | 1,417,231 | 17,527,227 | 230,659 | 19,175,117 | 671,600 | 4,057,091 | — | 42,644 | 4,771,335 | 4,339,701 | 32,180 | 4,371,881 |
| 4357 | (807,201) | 664,128 | 8,213,431 | 194,356 | 9,071,915 | 314,718 | 1,901,193 | — | 20,468 | 2,236,379 | 2,033,626 | 27,774 | 2,061,400 |
| 4358 | (608,922) | 500,993 | 6,195,899 | 9,819 | 6,706,711 | 237,412 | 1,434,187 | — | 39,946 | 1,711,545 | 1,534,090 | (5,769) | 1,528,321 |
| 4360 | (642,512) | 528,630 | 6,537,687 | 504,696 | 7,571,012 | 250,508 | 1,513,302 | — | — | 1,763,810 | 1,618,716 | 92,406 | 1,711,122 |
| 4361 | (1,105,864) | 909,854 | 11,252,382 | — | 12,162,236 | 431,164 | 2,604,630 | — | 73,023 | 3,108,816 | 2,786,064 | (12,200) | 2,773,864 |
| 4363 | (639,489) | 526,143 | 6,506,930 | 207,819 | 7,240,891 | 249,330 | 1,506,183 | — | 5,058 | 1,760,571 | 1,611,101 | 34,255 | 1,645,355 |
| 4364 | (720,982) | 593,191 | 7,336,129 | 99,663 | 8,028,982 | 281,102 | 1,698,120 | — | 42,381 | 2,021,604 | 1,816,408 | 11,250 | 1,827,659 |
| 4365 | (543,783) | 447,400 | 5,533,100 | 24,680 | 6,005,180 | 212,015 | 1,280,767 | — | 122,821 | 1,615,603 | 1,369,983 | (15,788) | 1,354,195 |
| 4366 | (2,400,590) | 1,975,096 | 24,426,472 | 325,232 | 26,726,799 | 935,962 | 5,654,084 | — | 272,720 | 6,862,766 | 6,047,938 | 9,980 | 6,057,917 |
| 4367 | (4,040,639) | 3,324,453 | 41,114,291 | 349,151 | 44,787,895 | 1,575,399 | 9,516,874 | — | 137,323 | 11,229,595 | 10,179,803 | 31,032 | 10,210,835 |
| 4368 | (3,098,546) | 2,549,342 | 31,528,308 | 196,365 | 34,274,015 | 1,208,087 | 7,297,972 | — | 89,158 | 8,595,217 | 7,806,336 | 14,804 | 7,821,140 |
| 4428 | (173,595) | 142,826 | 1,766,359 | 89,002 | 1,998,187 | 67,683 | 408,865 | — | 29,085 | 505,633 | 437,346 | 11,440 | 448,786 |
| 4430 | (215,472) | 177,280 | 2,192,468 | 27,899 | 2,397,648 | 84,010 | 507,499 | — | 41,626 | 633,135 | 542,850 | (1,720) | 541,130 |
| 4434 | (77,748) | 63,968 | 791,101 | 23,630 | 878,698 | 30,313 | 183,119 | — | 13,361 | 226,793 | 195,875 | 1,688 | 197,562 |
| 4437 | (304,343) | 250,399 | 3,096,745 | 21,270 | 3,368,413 | 118,660 | 716,815 | — | 2,647 | 838,121 | 766,747 | 3,069 | 769,816 |
| 4438 | (232,319) | 191,141 | 2,363,887 | 74,001 | 2,629,030 | 90,578 | 547,178 | — | 5,876 | 643,632 | 585,293 | 12,314 | 597,607 |
| 4439 | (295,351) | 243,001 | 3,005,255 | 85,738 | 3,333,993 | 115,154 | 695,637 | — | 91,626 | 902,417 | 744,094 | (2,763) | 741,331 |
| 4504 | (206,736) | 170,093 | 2,103,579 | 32,886 | 2,306,558 | 80,604 | 486,923 | — | 77,372 | 644,900 | 520,841 | (6,623) | 514,218 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 4531 | (287,532) | 236,568 | 2,925,693 | 38,582 | 3,200,842 | 112,105 | 677,221 | — | — | 789,326 | 724,395 | 6,346 | 730,740 |
| 4532 | (417,151) | 343,213 | 4,244,594 | 80,535 | 4,668,341 | 162,642 | 982,512 | — | 112,280 | 1,257,433 | 1,050,952 | (5,188) | 1,045,763 |
| 4533 | (310,940) | 255,827 | 3,163,877 | 99,272 | 3,518,977 | 121,232 | 732,354 | — | 7,256 | 860,842 | 783,369 | 17,192 | 800,561 |
| 4534 | (315,498) | 259,577 | 3,210,255 | — | 3,469,832 | 123,009 | 743,089 | — | 36,146 | 902,244 | 794,852 | (6,268) | 788,584 |
| 4557 | (162,864) | 133,997 | 1,657,175 | — | 1,791,172 | 63,499 | 383,592 | — | 94,167 | 541,258 | 410,313 | (16,179) | 394,134 |
| 4582 | (340,608) | 280,237 | 3,465,751 | 138,189 | 3,884,177 | 132,799 | 802,230 | — | — | 935,029 | 858,112 | 23,113 | 881,225 |
| 4583 | (254,546) | 209,429 | 2,590,056 | 57,399 | 2,856,883 | 99,245 | 599,530 | — | 101,360 | 800,135 | 641,292 | (5,387) | 635,905 |
| 4586 | (298,106) | 245,268 | 3,033,290 | 51,700 | 3,330,258 | 116,228 | 702,127 | — | 28,923 | 847,278 | 751,035 | 2,737 | 753,773 |
| 4588 | (261,295) | 214,982 | 2,658,732 | 22,151 | 2,895,865 | 101,876 | 615,426 | — | 38,968 | 756,270 | 658,296 | (2,589) | 655,706 |
| 4590 | (278,414) | 229,066 | 2,832,915 | 57,459 | 3,119,441 | 108,550 | 655,745 | — | 60,034 | 824,329 | 701,423 | 855 | 702,278 |
| 4592 | (158,395) | 130,320 | 1,611,699 | 6,019 | 1,748,038 | 61,756 | 373,066 | — | 112,371 | 547,193 | 399,053 | (19,499) | 379,553 |
| 4593 | (316,671) | 260,542 | 3,222,188 | — | 3,482,730 | 123,466 | 745,852 | — | 79,882 | 949,200 | 797,806 | (13,326) | 784,481 |
| 4594 | (355,889) | 292,809 | 3,621,238 | 135,985 | 4,050,032 | 138,757 | 838,221 | — | 537,832 | 1,514,810 | 896,610 | (64,323) | 832,287 |
| 4595 | (338,276) | 278,318 | 3,442,021 | 6,325 | 3,726,663 | 131,890 | 796,737 | — | 127,438 | 1,056,065 | 852,236 | (19,564) | 832,673 |
| 4596 | (258,487) | 212,671 | 2,630,155 | 40,108 | 2,882,934 | 100,781 | 608,811 | — | 26,090 | 735,682 | 651,220 | 3,455 | 654,675 |
| 4597 | (393,977) | 324,146 | 4,008,788 | 104,962 | 4,437,896 | 153,607 | 927,929 | — | 95,109 | 1,176,645 | 992,567 | (107) | 992,460 |
| 4598 | (357,513) | 294,146 | 3,637,769 | 5,188 | 3,937,103 | 139,390 | 842,048 | — | 148,125 | 1,129,563 | 900,703 | (25,694) | 875,009 |
| 4604 | (457,595) | 376,488 | 4,656,115 | 49,784 | 5,082,386 | 178,411 | 1,077,768 | — | 206,229 | 1,462,407 | 1,152,843 | (29,629) | 1,123,214 |
| 4617 | (194,139) | 159,728 | 1,975,399 | 621,689 | 2,756,817 | 75,692 | 457,253 | — | — | 532,945 | 489,104 | 114,430 | 603,535 |
| 4620 | (314,212) | 258,519 | 3,197,171 | 21,883 | 3,477,573 | 122,508 | 740,061 | — | — | 862,568 | 791,612 | 3,696 | 795,308 |
| 4651 | (387,942) | 319,181 | 3,947,389 | 85,671 | 4,352,241 | 151,254 | 913,716 | — | 206,587 | 1,271,558 | 977,364 | (25,237) | 952,127 |
| 4653 | (1,214,972) | 999,624 | 12,362,579 | 31,525 | 13,393,728 | 473,704 | 2,861,611 | — | 202,661 | 3,537,975 | 3,060,946 | (30,530) | 3,030,416 |
| 4654 | (1,415,286) | 1,164,432 | 14,400,805 | — | 15,565,238 | 551,803 | 3,333,407 | — | 288,632 | 4,173,842 | 3,565,606 | (48,953) | 3,516,653 |
| 4662 | (275,120) | 226,356 | 2,799,403 | 28,237 | 3,053,996 | 107,266 | 647,988 | — | 32,493 | 787,747 | 693,126 | (589) | 692,536 |
| 4663 | (371,652) | 305,778 | 3,781,627 | 43,139 | 4,130,543 | 144,903 | 875,347 | — | 26,015 | 1,046,264 | 936,322 | 2,839 | 939,161 |
| 4679 | (309,188) | 254,386 | 3,146,051 | 263,583 | 3,664,019 | 120,549 | 728,228 | — | 3,612 | 852,389 | 778,955 | 47,230 | 826,185 |
| 4680 | (224,685) | 184,860 | 2,286,210 | 36,962 | 2,508,033 | 87,602 | 529,197 | — | 12,780 | 629,579 | 566,060 | 4,686 | 570,746 |
| 4701 | (426,251) | 350,700 | 4,337,186 | 255,963 | 4,943,849 | 166,190 | 1,003,944 | — | 15,199 | 1,185,334 | 1,073,877 | 45,848 | 1,119,725 |
| 4703 | (368,578) | 303,249 | 3,750,348 | 190,256 | 4,243,853 | 143,704 | 868,107 | — | 6,938 | 1,018,749 | 928,578 | 32,181 | 960,758 |
| 4704 | (349,900) | 287,882 | 3,560,306 | 7,249 | 3,855,436 | 136,422 | 824,117 | — | 33,407 | 993,946 | 881,523 | (4,591) | 876,933 |
| 4705 | (474,059) | 390,034 | 4,823,644 | 106,790 | 5,320,469 | 184,830 | 1,116,546 | — | 173,671 | 1,475,048 | 1,194,323 | (7,069) | 1,187,254 |
| 4854 | (439,505) | 361,604 | 4,472,046 | 42,215 | 4,875,865 | 171,358 | 1,035,161 | — | 115,674 | 1,322,192 | 1,107,268 | (12,856) | 1,094,412 |
| 4855 | (148,350) | 122,056 | 1,509,495 | 41,836 | 1,673,487 | 57,840 | 349,408 | — | — | 407,248 | 373,747 | 7,096 | 380,843 |
| 4857 | (896,824) | 737,866 | 9,125,355 | 13,580 | 9,876,801 | 349,661 | 2,112,279 | — | 442,658 | 2,904,599 | 2,259,417 | (74,222) | 2,185,194 |
| 4862 | (831,271) | 683,932 | 8,458,348 | 43,122 | 9,185,402 | 324,103 | 1,957,885 | — | 6,827 | 2,288,814 | 2,094,267 | 5,837 | 2,100,105 |
| 4863 | (981,938) | 807,894 | 9,991,409 | 353,123 | 11,152,425 | 382,846 | 2,312,748 | — | 85,418 | 2,781,012 | 2,473,850 | 45,984 | 2,519,834 |
| 4877 | (402,924) | 331,507 | 4,099,826 | 54,535 | 4,485,868 | 157,095 | 949,002 | — | 90,317 | 1,196,414 | 1,015,107 | (7,416) | 1,007,691 |
| 4879 | (307,033) | 252,613 | 3,124,124 | 65,187 | 3,441,924 | 119,709 | 723,152 | — | 1,065 | 843,926 | 773,526 | 11,295 | 784,820 |
| 4883 | (9,765) | 8,035 | 99,365 | 30,545 | 137,944 | 3,807 | 23,000 | — | 1,049 | 27,857 | 24,602 | 4,808 | 29,411 |
| 4884 | (131,323) | 108,047 | 1,336,238 | 487 | 1,444,772 | 51,201 | 309,304 | — | 59,300 | 419,805 | 330,849 | (10,334) | 320,515 |
| 4885 | (347,150) | 285,620 | 3,532,323 | 156,452 | 3,974,395 | 135,350 | 817,640 | — | 66,339 | 1,019,329 | 874,595 | 13,118 | 887,713 |
| 4890 | (546,399) | 449,552 | 5,559,716 | 129,743 | 6,139,011 | 213,035 | 1,286,928 | — | 42,237 | 1,542,199 | 1,376,573 | 17,776 | 1,394,348 |
| 4892 | (499,546) | 411,004 | 5,082,980 | 10,768 | 5,504,752 | 194,767 | 1,176,576 | — | 73,337 | 1,444,680 | 1,258,534 | (10,861) | 1,247,673 |
| 4894 | (500,540) | 411,821 | 5,093,089 | 248,587 | 5,753,498 | 195,155 | 1,178,916 | — | 14,585 | 1,388,656 | 1,261,037 | 40,872 | 1,301,909 |
| 4901 | (332,659) | 273,696 | 3,384,866 | 109,197 | 3,767,759 | 129,700 | 783,507 | — | 18,623 | 931,830 | 838,085 | 17,407 | 855,492 |
| 4905 | (136,703) | 112,473 | 1,390,979 | 207,540 | 1,710,992 | 53,299 | 321,975 | — | 195,646 | 570,919 | 344,403 | 939 | 345,342 |
| 4906 | (447,619) | 368,280 | 4,554,609 | 111,622 | 5,034,511 | 174,521 | 1,054,272 | — | 6,096 | 1,234,890 | 1,127,711 | 17,797 | 1,145,508 |
| 4907 | (702,441) | 577,936 | 7,147,474 | 2,194 | 7,727,604 | 273,874 | 1,654,452 | — | 69,663 | 1,997,989 | 1,769,698 | (10,994) | 1,758,704 |
| 4908 | (194,721) | 160,208 | 1,981,324 | 21,694 | 2,163,226 | 75,919 | 458,624 | — | — | 534,544 | 490,571 | 3,686 | 494,257 |
| 4909 | (523,435) | 430,658 | 5,326,051 | 4,142 | 5,760,851 | 204,081 | 1,232,840 | — | 64,657 | 1,501,578 | 1,318,718 | (9,333) | 1,309,385 |
| 4910 | (254,920) | 209,737 | 2,593,861 | 1,264 | 2,804,861 | 99,390 | 600,410 | — | 81,375 | 642,234 | 642,234 | (13,165) | 629,069 |
| 4976 | (121,159) | 99,684 | 1,232,815 | 10,366 | 1,342,865 | 47,238 | 285,364 | — | 32,420 | 365,022 | 305,242 | (4,236) | 301,006 |
| 4978 | (127,888) | 105,221 | 1,301,287 | 5,266 | 1,411,774 | 49,862 | 301,214 | — | 40,841 | 391,917 | 322,196 | (6,114) | 316,082 |
| 4979 | (190,850) | 157,023 | 1,941,939 | 31,237 | 2,130,199 | 74,410 | 449,508 | — | 18,842 | 542,760 | 480,820 | 1,357 | 482,177 |
| 4980 | (97,099) | 79,888 | 987,996 | 62,147 | 1,130,031 | 37,858 | 228,695 | — | 16,285 | 282,838 | 244,626 | 8,922 | 253,547 |
| 4981 | (119,472) | 98,296 | 1,215,652 | — | 1,313,949 | 46,581 | 281,391 | — | 86,055 | 414,027 | 300,993 | (15,104) | 285,888 |
| 4982 | (175,239) | 144,179 | 1,783,096 | — | 1,927,275 | 68,324 | 412,740 | — | 77,563 | 558,627 | 441,490 | (12,778) | 428,712 |
| 4983 | (131,715) | 108,369 | 1,340,225 | 48,606 | 1,497,199 | 51,354 | 310,227 | — | 39,822 | 401,403 | 331,837 | 1,741 | 333,578 |
| 5001 | (258,070) | 212,329 | 2,625,917 | 153,617 | 2,991,863 | 100,619 | 607,831 | — | 192,766 | 901,215 | 650,171 | (12,601) | 637,570 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 5002 | (168,001) | 138,224 | 1,709,446 | 175,689 | 2,023,359 | 65,502 | 395,692 | — | 246,360 | 707,554 | 423,255 | (6,262) | 416,993 |
| 5003 | (210,327) | 173,048 | 2,140,120 | 8,774 | 2,321,941 | 82,004 | 495,381 | — | 74,230 | 651,616 | 529,889 | (12,540) | 517,349 |
| 5026 | (148,174) | 121,911 | 1,507,698 | 60,482 | 1,690,090 | 57,771 | 348,992 | — | 2,993 | 409,757 | 373,302 | 10,078 | 383,381 |
| 5027 | (299,485) | 246,402 | 3,047,313 | 285,956 | 3,579,671 | 116,766 | 705,373 | — | 316,336 | 1,138,475 | 754,508 | (12,434) | 742,074 |
| 5028 | (138,339) | 113,819 | 1,407,630 | 113,187 | 1,634,637 | 53,937 | 325,829 | — | 5,206 | 384,972 | 348,526 | 18,971 | 367,496 |
| 5076 | (394,585) | 324,647 | 4,014,981 | 122,532 | 4,462,160 | 153,844 | 929,362 | — | 25,748 | 1,108,954 | 994,100 | 18,559 | 1,012,659 |
| 5078 | (313,384) | 257,838 | 3,188,745 | 17,153 | 3,463,735 | 122,185 | 738,110 | — | 11,400 | 871,696 | 789,526 | 785 | 790,310 |
| 5102 | (987,858) | 812,764 | 10,051,644 | 132,297 | 10,996,705 | 385,154 | 2,326,691 | — | 54,078 | 2,765,923 | 2,488,764 | 13,450 | 2,502,214 |
| 5103 | (528,870) | 435,130 | 5,381,359 | 60,379 | 5,876,868 | 206,200 | 1,245,643 | — | — | 1,451,843 | 1,332,412 | 10,312 | 1,342,724 |
| 5107 | (355,956) | 292,864 | 3,621,924 | 3,509 | 3,918,297 | 138,783 | 838,380 | — | 45,070 | 1,022,233 | 896,780 | (8,025) | 888,755 |
| 5108 | (307,098) | 252,666 | 3,124,779 | 106,732 | 3,484,176 | 119,734 | 723,304 | — | 26,905 | 869,943 | 773,688 | 14,919 | 788,607 |
| 5251 | (232,414) | 191,220 | 2,364,861 | 1,979 | 2,558,060 | 90,616 | 547,403 | — | 88,522 | 726,541 | 585,534 | (14,492) | 571,042 |
| 5253 | (327,343) | 269,323 | 3,330,774 | 19,427 | 3,619,524 | 127,627 | 770,986 | — | 78,001 | 976,615 | 824,692 | (10,711) | 813,981 |
| 5276 | (421,211) | 346,553 | 4,285,903 | 13,859 | 4,646,315 | 164,225 | 992,074 | — | 100,117 | 1,256,415 | 1,061,180 | (15,453) | 1,045,727 |
| 5281 | (141,161) | 116,141 | 1,436,340 | 166,962 | 1,719,443 | 55,037 | 332,475 | — | 1,346 | 388,857 | 355,634 | 28,657 | 384,291 |
| 5282 | (164,411) | 135,270 | 1,672,915 | 172,362 | 1,980,547 | 64,102 | 387,236 | — | — | 451,338 | 414,210 | 31,406 | 445,616 |
| 5301 | (177,636) | 146,151 | 1,807,481 | 28,562 | 1,982,194 | 69,258 | 418,384 | — | 522 | 488,164 | 447,528 | 5,157 | 452,686 |
| 5303 | (105,644) | 86,919 | 1,074,945 | 28,561 | 1,190,424 | 41,189 | 248,821 | — | 7,220 | 297,230 | 266,154 | 3,233 | 269,386 |
| 5305 | (127,372) | 104,796 | 1,296,032 | 58,604 | 1,459,432 | 49,661 | 299,997 | — | — | 349,658 | 320,895 | 10,818 | 331,713 |
| 5306 | (211,457) | 173,977 | 2,151,616 | 84,243 | 2,409,836 | 82,445 | 498,042 | — | 9,627 | 590,114 | 532,735 | 13,435 | 546,170 |
| 5307 | (288,017) | 236,967 | 2,930,625 | 65,691 | 3,233,283 | 112,294 | 678,363 | — | 47,767 | 838,424 | 725,616 | 4,395 | 730,011 |
| 5308 | (206,013) | 169,498 | 2,096,221 | 74,209 | 2,339,928 | 80,322 | 485,220 | — | 8,311 | 573,853 | 519,020 | 12,169 | 531,189 |
| 5309 | (94,298) | 77,584 | 959,497 | 8,134 | 1,045,215 | 36,766 | 222,098 | — | 15,598 | 274,462 | 237,569 | (1,415) | 236,155 |
| 5351 | (1,241,241) | 1,021,236 | 12,629,866 | 303,786 | 13,954,889 | 483,945 | 2,923,481 | — | 59,507 | 3,466,934 | 3,127,126 | 40,136 | 3,167,262 |
| 5352 | (13,250) | 10,901 | 134,819 | 4,381 | 150,101 | 5,166 | 31,207 | — | 5,929 | 42,302 | 33,381 | (104) | 33,277 |
| 5353 | (139,680) | 114,922 | 1,421,268 | 24,678 | 1,560,868 | 54,459 | 328,986 | — | 5,897 | 389,343 | 351,903 | 2,951 | 354,853 |
| 5354 | (402,208) | 330,919 | 4,092,549 | — | 4,423,468 | 156,816 | 947,317 | — | 211,885 | 1,316,019 | 1,013,306 | (35,688) | 977,618 |
| 5355 | (785,157) | 645,991 | 7,989,128 | 117,095 | 8,752,215 | 306,124 | 1,849,272 | — | 43,264 | 2,198,661 | 1,978,089 | 10,616 | 1,988,706 |
| 5356 | (277,886) | 228,632 | 2,827,541 | 53,179 | 3,109,352 | 108,344 | 654,501 | — | 119,200 | 882,046 | 700,093 | (9,772) | 690,321 |
| 5357 | (1,146,250) | 943,082 | 11,663,318 | 357,502 | 12,963,903 | 446,910 | 2,699,751 | — | — | 3,146,660 | 2,887,811 | 57,789 | 2,945,600 |
| 5358 | (2,359,442) | 1,941,241 | 24,007,778 | 143,399 | 26,092,418 | 919,919 | 5,557,168 | — | 552,488 | 7,029,574 | 5,944,270 | (74,078) | 5,870,192 |
| 5359 | (212,528) | 174,858 | 2,162,511 | 39,491 | 2,376,860 | 82,862 | 500,564 | — | 56,452 | 639,879 | 535,433 | (3,133) | 532,300 |
| 5360 | (150,682) | 123,974 | 1,533,216 | 61,566 | 1,718,757 | 58,749 | 354,899 | — | 10,571 | 424,220 | 379,621 | 9,531 | 389,152 |
| 5361 | (1,116,976) | 918,997 | 11,365,452 | 169,569 | 12,454,018 | 435,496 | 2,630,802 | — | — | 3,066,299 | 2,814,059 | 28,455 | 2,842,514 |
| 5362 | (115,283) | 94,850 | 1,173,026 | 83,143 | 1,351,019 | 44,947 | 271,525 | — | 9,434 | 325,906 | 290,439 | 13,328 | 303,767 |
| 5363 | (995,588) | 819,125 | 10,130,306 | 76,028 | 11,025,458 | 388,168 | 2,344,899 | — | 165,869 | 2,898,936 | 2,508,240 | (16,649) | 2,491,591 |
| 5364 | (253,604) | 208,654 | 2,580,467 | 3,261 | 2,792,382 | 98,877 | 597,310 | — | 116,439 | 812,626 | 638,918 | (21,200) | 617,718 |
| 5365 | (10,397) | 8,554 | 105,788 | 29,251 | 143,593 | 4,054 | 24,487 | — | 2,876 | 31,417 | 26,193 | 4,194 | 30,387 |
| 5367 | (256,535) | 211,065 | 2,610,290 | 174,324 | 2,995,679 | 100,020 | 604,213 | — | 24,191 | 728,424 | 646,302 | 26,791 | 673,092 |
| 5368 | (208,719) | 171,725 | 2,123,760 | 58,270 | 2,353,755 | 81,377 | 491,594 | — | 21,940 | 594,912 | 525,838 | 7,291 | 533,129 |
| 5369 | (66,082) | 54,370 | 672,401 | 7,153 | 733,923 | 25,765 | 155,643 | — | 79,177 | 260,585 | 166,485 | (12,282) | 154,203 |
| 5371 | (76,829) | 63,212 | 781,752 | 33,609 | 878,573 | 29,955 | 180,955 | — | 14,838 | 225,748 | 193,560 | 2,934 | 196,494 |
| 5372 | (566,452) | 466,051 | 5,763,758 | 192,748 | 6,422,557 | 220,853 | 1,334,158 | — | 88,961 | 1,643,973 | 1,427,093 | 16,301 | 1,443,395 |
| 5375 | (781,385) | 642,888 | 7,950,744 | 275,646 | 8,869,278 | 304,653 | 1,840,388 | — | — | 2,145,041 | 1,968,586 | 49,584 | 2,018,170 |
| 5376 | (334,920) | 275,557 | 3,407,878 | 32,919 | 3,716,354 | 130,582 | 788,834 | — | 361,497 | 1,280,912 | 843,783 | (56,293) | 787,490 |
| 5379 | (11,758) | 9,674 | 119,638 | 47,148 | 176,640 | 4,584 | 27,693 | — | 7,447 | 39,725 | 29,622 | 7,888 | 37,510 |
| 5380 | (147,060) | 120,994 | 1,496,363 | 71,164 | 1,688,521 | 57,337 | 346,368 | — | 4,417 | 408,122 | 370,496 | 11,471 | 381,966 |
| 5403 | (1,804,627) | 1,484,765 | 18,362,434 | 99,272 | 19,946,471 | 703,603 | 4,250,419 | — | 344,549 | 5,298,572 | 4,546,496 | (36,894) | 4,509,602 |
| 5406 | (744,407) | 612,464 | 7,574,490 | 104,629 | 8,291,583 | 290,236 | 1,753,295 | — | 132,066 | 2,175,596 | 1,875,426 | (1,222) | 1,874,204 |
| 5407 | (1,191,656) | 980,440 | 12,125,327 | 205,643 | 13,311,410 | 464,613 | 2,806,693 | — | 99,224 | 3,370,530 | 3,002,203 | 16,951 | 3,019,153 |
| 5408 | (1,258,634) | 1,035,546 | 12,806,842 | 194,495 | 14,036,883 | 490,727 | 2,964,446 | — | 141,361 | 3,596,534 | 3,170,944 | 7,916 | 3,178,860 |
| 5409 | (1,454,033) | 1,196,312 | 14,795,073 | 68,858 | 16,060,243 | 566,911 | 3,424,669 | — | 62,867 | 4,054,447 | 3,663,226 | 2,422 | 3,665,648 |
| 5415 | (806,422) | 663,487 | 8,205,499 | 220,811 | 9,089,797 | 314,415 | 1,899,357 | — | — | 2,213,771 | 2,031,663 | 36,926 | 2,068,588 |
| 5416 | (304,121) | 250,217 | 3,094,493 | 82,980 | 3,427,690 | 118,573 | 716,294 | — | 20,888 | 855,755 | 766,189 | 10,921 | 777,110 |
| 5418 | (1,521,787) | 1,252,057 | 15,484,483 | 287,817 | 17,024,357 | 593,327 | 3,584,249 | — | 125,380 | 4,302,957 | 3,833,922 | 22,240 | 3,856,162 |
| 5420 | (1,416,863) | 1,165,730 | 14,416,852 | 392,429 | 15,975,011 | 552,418 | 3,337,121 | — | 53,983 | 3,943,522 | 3,569,579 | 56,867 | 3,626,446 |
| 5427 | (71,355) | 58,708 | 726,053 | 3,092 | 787,853 | 27,821 | 1,787,853 | — | 5,812 | 201,695 | 179,769 | (437) | 179,332 |
| 5457 | (1,113,909) | 916,474 | 11,334,243 | 185,325 | 12,436,042 | 434,300 | 2,623,578 | — | 571,678 | 3,629,557 | 2,806,332 | (75,021) | 2,731,311 |
| 5458 | (1,198,932) | 986,427 | 12,199,369 | 325,658 | 13,511,454 | 467,450 | 2,823,832 | — | 29,606 | 3,320,888 | 3,020,535 | 51,040 | 3,071,575 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | | Pension expense | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 5501 | (488,594) | 401,993 | 4,971,536 | 100,793 | 5,474,321 | 190,497 | 1,150,779 | — | 10,205 | 1,351,481 | 1,230,941 | 13,940 | 1,244,881 |
| 5504 | (457,394) | 376,323 | 4,654,070 | 219,155 | 5,249,548 | 178,333 | 1,077,294 | — | — | 1,255,627 | 1,152,337 | 35,359 | 1,187,696 |
| 5505 | (136,818) | 112,568 | 1,392,151 | 20,103 | 1,524,822 | 53,344 | 322,246 | — | 23,290 | 398,880 | 344,693 | (28) | 344,665 |
| 5506 | (221,296) | 182,073 | 2,251,734 | 11,084 | 2,444,891 | 86,281 | 521,217 | — | 55,919 | 663,417 | 557,524 | (8,581) | 548,943 |
| 5507 | (250,232) | 205,879 | 2,546,156 | 20,799 | 2,772,835 | 97,562 | 589,368 | — | 35,814 | 722,745 | 630,422 | (1,949) | 628,474 |
| 5527 | (268,799) | 221,155 | 2,735,078 | 103,944 | 3,060,177 | 104,801 | 633,098 | — | 41,430 | 779,330 | 677,199 | 13,121 | 690,320 |
| 5528 | (309,948) | 255,011 | 3,153,784 | — | 3,408,796 | 120,845 | 730,018 | — | 160,638 | 1,011,501 | 780,870 | (27,468) | 753,402 |
| 5530 | (364,978) | 300,287 | 3,713,724 | 59,248 | 4,073,259 | 142,301 | 859,629 | — | 19,098 | 1,021,028 | 919,509 | 6,109 | 925,619 |
| 5533 | (170,268) | 140,089 | 1,732,512 | 40,386 | 1,912,987 | 66,386 | 401,031 | — | 20,971 | 488,388 | 428,966 | 2,535 | 431,501 |
| 5534 | (255,095) | 209,880 | 2,595,641 | 96,257 | 2,901,778 | 99,459 | 600,822 | — | 12,532 | 712,813 | 642,675 | 13,326 | 656,000 |
| 5535 | (457,778) | 376,639 | 4,657,982 | 9,762 | 5,044,382 | 178,482 | 1,078,200 | — | 32,138 | 1,288,821 | 1,153,305 | (4,609) | 1,148,696 |
| 5541 | (249,811) | 205,533 | 2,541,872 | 22,741 | 2,770,147 | 97,398 | 588,376 | — | 80,638 | 766,413 | 629,362 | (10,955) | 618,407 |
| 5601 | (696,374) | 572,944 | 7,085,736 | 7,358 | 7,666,038 | 271,508 | 1,640,161 | — | 111,186 | 2,022,855 | 1,754,412 | (18,047) | 1,736,364 |
| 5676 | (185,570) | 152,678 | 1,888,206 | 14,284 | 2,055,168 | 72,351 | 437,070 | — | 8,219 | 517,641 | 467,515 | 1,384 | 468,900 |
| 5677 | (159,841) | 131,510 | 1,626,414 | — | 1,757,924 | 62,320 | 376,472 | — | 64,120 | 502,912 | 402,696 | (10,849) | 391,847 |
| 5678 | (214,351) | 176,358 | 2,181,065 | 13,488 | 2,370,911 | 83,573 | 504,859 | — | 157,283 | 745,715 | 540,027 | (23,396) | 516,630 |
| 5679 | (383,698) | 315,689 | 3,904,203 | 89,569 | 4,309,461 | 149,599 | 903,720 | — | 3,902 | 1,057,221 | 966,672 | 13,958 | 980,630 |
| 5680 | (356,232) | 293,092 | 3,624,733 | 174,051 | 4,091,875 | 138,891 | 839,030 | — | 6,668 | 984,589 | 897,475 | 28,895 | 926,371 |
| 5681 | (170,819) | 140,542 | 1,738,117 | 27,624 | 1,906,283 | 66,600 | 402,328 | — | 23,235 | 492,163 | 430,354 | 1,542 | 431,896 |
| 5682 | (207,207) | 170,480 | 2,108,368 | 6,910 | 2,285,758 | 80,787 | 488,032 | — | 67,807 | 636,626 | 522,027 | (9,936) | 512,091 |
| 5683 | (323,091) | 265,825 | 3,287,514 | 16,493 | 3,569,831 | 125,969 | 760,973 | — | 68,702 | 955,644 | 813,981 | (9,107) | 804,873 |
| 5684 | (133,248) | 109,630 | 1,355,824 | 26,381 | 1,491,835 | 51,952 | 313,838 | — | — | 365,789 | 335,699 | 4,902 | 340,601 |
| 5685 | (219,886) | 180,912 | 2,237,384 | 88,931 | 2,507,228 | 85,731 | 517,895 | — | 25,190 | 628,816 | 553,971 | 12,084 | 566,055 |
| 5687 | (393,575) | 323,816 | 4,004,704 | 19,099 | 4,347,618 | 153,450 | 926,983 | — | 52,292 | 1,132,726 | 991,555 | (6,259) | 985,296 |
| 5688 | (142,609) | 117,332 | 1,451,073 | 52,345 | 1,620,750 | 55,602 | 335,885 | — | — | 391,487 | 359,282 | 9,665 | 368,947 |
| 5691 | (59,156) | 48,671 | 601,924 | 6,672 | 657,267 | 23,064 | 139,330 | — | 35,529 | 197,923 | 149,033 | (4,752) | 144,283 |
| 5692 | (312,014) | 256,710 | 3,174,798 | 78,364 | 3,509,872 | 121,650 | 734,882 | — | — | 856,533 | 786,073 | 13,851 | 799,923 |
| 5693 | (94,916) | 78,093 | 965,791 | 96,643 | 1,140,527 | 37,007 | 223,555 | — | 7,407 | 267,969 | 239,128 | 15,216 | 254,343 |
| 5694 | (81,185) | 66,796 | 826,076 | 67,971 | 960,843 | 31,653 | 191,215 | — | 2,411 | 225,279 | 204,535 | 10,819 | 215,353 |
| 5695 | (87,735) | 72,184 | 892,721 | 2,110 | 967,016 | 34,207 | 206,641 | — | 26,879 | 267,727 | 221,036 | (4,142) | 216,894 |
| 5801 | (1,110,615) | 913,763 | 11,300,722 | — | 12,214,485 | 433,016 | 2,615,819 | — | 386,487 | 3,435,322 | 2,798,032 | (67,304) | 2,730,729 |
| 5806 | (639,226) | 525,926 | 6,504,251 | 77,512 | 7,107,690 | 249,227 | 1,505,563 | — | 131,910 | 1,886,700 | 1,610,437 | (6,523) | 1,603,915 |
| 5807 | (206,357) | 169,781 | 2,099,720 | 596,896 | 2,866,397 | 80,456 | 486,030 | — | 4,290 | 570,776 | 519,886 | 110,718 | 630,603 |
| 5812 | (280,549) | 214,368 | 2,651,137 | 840 | 2,866,345 | 101,585 | 613,668 | — | 58,794 | 774,047 | 656,415 | (9,854) | 646,561 |
| 5813 | (318,753) | 262,256 | 3,243,375 | 125,439 | 3,631,070 | 124,278 | 750,756 | — | 8,274 | 883,308 | 803,052 | 22,589 | 825,642 |
| 5817 | (952,709) | 783,846 | 9,694,004 | 59,823 | 10,537,672 | 371,450 | 2,243,906 | — | 158,707 | 2,774,064 | 2,400,213 | (20,395) | 2,379,818 |
| 5820 | (285,020) | 234,501 | 2,900,134 | 628,495 | 3,763,131 | 111,126 | 671,305 | — | — | 782,431 | 718,067 | 106,988 | 825,054 |
| 5821 | (444,961) | 366,094 | 4,527,565 | 64,836 | 4,958,494 | 173,485 | 1,048,012 | — | 144,001 | 1,365,498 | 1,121,014 | (16,790) | 1,104,225 |
| 5822 | (586,835) | 482,821 | 5,971,160 | 260,437 | 6,714,418 | 228,800 | 1,382,166 | — | 18,194 | 1,629,161 | 1,478,445 | 43,995 | 1,522,441 |
| 5823 | (129,703) | 106,714 | 1,319,758 | 83,129 | 1,509,602 | 50,570 | 305,489 | — | 7,841 | 363,900 | 326,769 | 12,614 | 339,383 |
| 6001 | (1,199,974) | 987,284 | 12,209,969 | 834,605 | 14,031,858 | 467,856 | 2,826,286 | — | 117,687 | 3,411,829 | 3,023,160 | 129,580 | 3,152,740 |
| 6005 | (913,426) | 751,526 | 9,294,292 | — | 10,045,817 | 356,134 | 2,151,384 | — | 335,461 | 2,842,979 | 2,301,245 | (59,089) | 2,242,157 |
| 6008 | (851,947) | 700,943 | 8,668,722 | 144,860 | 9,514,526 | 332,164 | 2,006,581 | — | 127,196 | 2,465,941 | 2,146,356 | 7,440 | 2,153,796 |
| 6011 | (435,038) | 357,929 | 4,426,592 | 60,385 | 4,844,907 | 169,616 | 1,024,639 | — | 117,013 | 1,311,268 | 1,096,014 | (12,757) | 1,083,257 |
| 6018 | (468,399) | 385,378 | 4,766,054 | 148,439 | 5,299,871 | 182,623 | 1,103,216 | — | 257,050 | 1,542,889 | 1,180,064 | (13,452) | 1,166,612 |
| 6022 | (467,536) | 384,667 | 4,757,265 | 268,469 | 5,410,401 | 182,287 | 1,101,181 | — | 94,500 | 1,377,969 | 1,177,888 | 25,831 | 1,203,719 |
| 6026 | (869,117) | 715,070 | 8,843,436 | 223,926 | 9,782,432 | 338,859 | 2,047,022 | — | 188,687 | 2,574,568 | 2,189,614 | 11,818 | 2,201,432 |
| 6027 | (1,279,317) | 1,052,564 | 13,017,300 | 585,335 | 14,655,199 | 498,791 | 3,013,162 | — | 34,552 | 3,546,505 | 3,223,053 | 87,068 | 3,310,121 |
| 6028 | (1,025,616) | 843,830 | 10,435,843 | 172,552 | 11,452,226 | 399,876 | 2,415,623 | — | 14,627 | 2,830,125 | 2,583,891 | 25,688 | 2,609,578 |
| 6036 | (213,628) | 175,764 | 2,173,709 | 384,178 | 2,733,651 | 83,291 | 503,156 | — | — | 586,448 | 538,205 | 67,497 | 605,702 |
| 6040 | (313,319) | 257,785 | 3,188,084 | 82,598 | 3,528,467 | 122,160 | 737,957 | — | 640 | 860,757 | 789,362 | 13,357 | 802,719 |
| 6041 | (471,880) | 388,241 | 4,801,466 | 4,378 | 5,194,085 | 183,980 | 1,111,413 | — | 256,942 | 1,552,335 | 1,188,832 | (44,828) | 1,144,004 |
| 6042 | (418,964) | 344,704 | 4,263,039 | 17,847 | 4,625,591 | 163,349 | 986,781 | — | 200,309 | 1,350,440 | 1,055,519 | (28,561) | 1,026,958 |
| 6044 | (672,670) | 553,442 | 6,844,547 | 516,687 | 7,914,675 | 262,266 | 1,584,332 | — | 206,862 | 2,053,461 | 1,694,694 | 63,140 | 1,757,834 |
| 6048 | (557,354) | 458,566 | 5,671,190 | 102,883 | 6,232,639 | 217,306 | 1,312,731 | — | 102,204 | 1,632,241 | 1,404,173 | 90 | 1,404,263 |
| 6050 | (610,886) | 502,609 | 6,215,883 | 291,674 | 7,010,166 | 238,177 | 1,438,813 | — | 5,638 | 1,682,629 | 1,539,038 | 51,280 | 1,590,319 |
| 6051 | (1,459,133) | 1,200,508 | 14,846,961 | 48,392 | 16,095,861 | 568,899 | 3,436,680 | — | 625,507 | 4,631,086 | 3,676,073 | (106,077) | 3,569,966 |
| 6052 | (1,014,145) | 834,392 | 10,319,125 | 231,240 | 11,384,758 | 395,404 | 2,388,605 | — | 426,505 | 3,210,514 | 2,554,991 | (37,157) | 2,517,834 |
| 6056 | (4,233,906) | 3,483,464 | 43,080,812 | 828,304 | 47,392,580 | 1,650,751 | 9,972,072 | — | 729,918 | 12,352,741 | 10,666,709 | 38,421 | 10,705,130 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | Deferred inflows of resources | | | | Pension expense | | | | |
|---------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 6057 | \$(845,895) | 695,964 | 8,607,150 | — | 9,303,114 | 329,805 | 1,992,328 | — | 423,922 | 2,746,055 | 2,131,110 | (69,737) | 2,061,374 |
| 6061 | (1,583,508) | 1,302,838 | 16,112,505 | — | 17,415,344 | 617,392 | 3,729,620 | — | 515,814 | 4,862,825 | 3,989,419 | (88,913) | 3,900,506 |
| 6065 | (1,797,990) | 1,479,304 | 18,294,901 | 255,876 | 20,030,081 | 701,016 | 4,234,787 | — | 248,114 | 5,183,916 | 4,529,775 | (6,645) | 4,523,130 |
| 6067 | (938,252) | 771,951 | 9,546,894 | 171,157 | 10,490,001 | 365,814 | 2,209,854 | — | 218,610 | 2,794,278 | 2,363,789 | (7,122) | 2,356,667 |
| 6068 | (632,963) | 520,773 | 6,440,518 | — | 6,961,291 | 246,785 | 1,490,810 | — | 176,495 | 1,914,090 | 1,594,657 | (30,950) | 1,563,708 |
| 6074 | (1,034,219) | 850,908 | 10,523,382 | 309,193 | 11,683,484 | 403,230 | 2,435,886 | — | 9,488 | 2,848,603 | 2,605,565 | 50,922 | 2,656,487 |
| 6075 | (810,830) | 667,114 | 8,250,356 | 211,447 | 9,128,917 | 316,133 | 1,909,740 | — | — | 2,225,873 | 2,042,769 | 35,789 | 2,078,558 |
| 6078 | (2,000,323) | 1,645,774 | 20,353,673 | 24,392 | 22,023,839 | 779,903 | 4,711,339 | — | 456,953 | 5,948,194 | 5,039,522 | (76,348) | 4,963,174 |
| 6079 | (911,303) | 749,778 | 9,272,684 | 84,810 | 10,107,272 | 355,306 | 2,146,382 | — | 49,354 | 2,551,042 | 2,295,895 | 4,686 | 2,300,581 |
| 6091 | (4,001,028) | 3,291,863 | 40,711,238 | 522,086 | 44,525,187 | 1,559,955 | 9,423,578 | — | 557,300 | 11,540,833 | 10,080,008 | (23,756) | 10,056,252 |
| 6093 | (2,048,832) | 1,685,685 | 20,847,266 | 1,219,691 | 23,752,642 | 798,816 | 4,825,592 | — | — | 5,624,408 | 5,161,734 | 204,140 | 5,365,874 |
| 6094 | (1,272,596) | 1,047,034 | 12,948,912 | 17,442 | 14,013,387 | 496,170 | 2,997,332 | — | 391,171 | 3,884,673 | 3,206,121 | (65,405) | 3,140,716 |
| 6095 | (512,355) | 421,543 | 5,213,315 | 246,185 | 5,881,043 | 199,761 | 1,206,745 | — | — | 1,406,506 | 1,290,805 | 41,250 | 1,332,055 |
| 6097 | (421,052) | 346,422 | 4,284,282 | — | 4,630,704 | 164,163 | 991,698 | — | 197,550 | 1,353,412 | 1,060,778 | (34,812) | 1,025,966 |
| 6099 | (551,533) | 453,776 | 5,611,956 | 585,157 | 6,650,889 | 215,036 | 1,299,020 | — | 196,734 | 1,710,790 | 1,389,507 | 177,069 | 1,466,576 |
| 6104 | (825,063) | 678,824 | 8,395,179 | 224,179 | 9,298,183 | 321,683 | 1,943,263 | — | 97,785 | 2,362,731 | 2,078,627 | 18,028 | 2,096,655 |
| 6105 | (1,374,211) | 1,130,638 | 13,982,859 | 88,800 | 15,202,297 | 535,789 | 3,236,663 | — | 583,638 | 4,356,090 | 3,462,123 | (92,503) | 3,369,620 |
| 6109 | (1,313,221) | 1,080,458 | 13,362,276 | 1,461,288 | 15,904,021 | 512,010 | 3,093,014 | — | — | 3,605,024 | 3,308,468 | 246,352 | 3,554,821 |
| 6507 | (47,073) | 38,729 | 478,972 | 17,105 | 534,807 | 18,353 | 110,869 | — | 22,790 | 152,012 | 118,592 | (900) | 117,692 |
| 6511 | (23,187) | 19,077 | 235,931 | 21,022 | 276,029 | 9,040 | 54,612 | — | 4,413 | 68,065 | 58,416 | 3,154 | 61,570 |
| 7000 | (6,147,607) | 5,057,970 | 62,553,099 | 470,267 | 68,081,336 | 2,396,881 | 14,479,393 | — | 4,395,682 | 21,271,956 | 15,488,002 | (742,270) | 14,745,732 |
| 7500 | (54,474) | 44,819 | 554,286 | 61,013 | 660,119 | 21,239 | 128,303 | — | 4,334 | 153,876 | 137,240 | 9,396 | 146,636 |
| 7501 | (115,852) | 95,318 | 1,178,820 | 182,557 | 1,456,695 | 45,169 | 272,866 | — | — | 318,035 | 291,873 | 30,234 | 322,107 |
| 7502 | (17,119) | 14,084 | 174,184 | 6,147 | 194,415 | 6,674 | 40,319 | — | 47,855 | 94,848 | 43,128 | (8,150) | 34,978 |
| 8000 | (768,847) | 632,572 | 7,823,167 | 291,708 | 8,747,447 | 299,765 | 1,810,857 | — | 38,350 | 2,148,971 | 1,936,998 | 45,595 | 1,982,593 |
| 8102 | (168,633) | 138,744 | 1,715,874 | — | 1,854,617 | 65,748 | 397,180 | — | 132,779 | 595,707 | 424,846 | (21,883) | 402,963 |
| 8105 | (172,146) | 141,634 | 1,751,616 | 344,006 | 2,237,256 | 67,118 | 405,453 | — | — | 472,571 | 433,696 | 60,087 | 493,783 |
| 8110 | (347,264) | 285,713 | 3,533,477 | — | 3,819,190 | 135,394 | 817,907 | — | 297,929 | 1,251,230 | 874,881 | (50,669) | 824,211 |
| 8112 | (71,059) | 58,464 | 723,040 | 108,783 | 890,288 | 27,705 | 167,365 | — | — | 195,070 | 179,023 | 18,926 | 197,949 |
| 8113 | (81,761) | 67,269 | 831,937 | 2,648 | 901,854 | 31,878 | 192,571 | — | 24,470 | 248,919 | 205,986 | (3,912) | 202,074 |
| 8115 | (92,203) | 75,861 | 938,187 | 64,967 | 1,079,015 | 35,949 | 217,166 | — | 15,944 | 269,059 | 232,293 | 9,749 | 242,042 |
| 8120 | (276,607) | 227,579 | 2,814,529 | — | 3,042,108 | 107,846 | 651,489 | — | 252,415 | 1,011,750 | 696,871 | (47,369) | 649,502 |
| 8124 | (712,420) | 586,146 | 7,249,010 | 250,017 | 8,085,173 | 277,764 | 1,677,955 | — | 137,518 | 2,093,237 | 1,794,838 | 14,600 | 1,809,438 |
| 8129 | (221,802) | 182,489 | 2,256,879 | 199,559 | 2,638,927 | 86,478 | 522,408 | — | 167 | 609,053 | 558,798 | 35,325 | 594,123 |
| 8130 | (1,171,110) | 963,536 | 11,916,272 | 413,248 | 13,293,055 | 456,602 | 2,758,303 | — | 1,350,832 | 4,565,737 | 2,950,441 | (144,374) | 2,806,068 |
| 8131 | (143,334) | 117,929 | 1,458,451 | 37 | 1,576,418 | 55,884 | 337,593 | — | 32,660 | 426,137 | 361,109 | (6,072) | 355,037 |
| 8133 | (213,227) | 175,433 | 2,169,627 | 18,014 | 2,363,074 | 83,135 | 502,211 | — | 50,248 | 635,594 | 537,194 | (4,786) | 532,408 |
| 8134 | (88,138) | 72,516 | 896,819 | 133,366 | 1,102,700 | 34,364 | 207,590 | — | — | 241,954 | 222,050 | 22,161 | 244,211 |
| 8135 | (504,004) | 414,671 | 5,128,337 | 175,194 | 5,718,203 | 196,505 | 1,187,075 | — | — | 1,383,580 | 1,269,764 | 30,075 | 1,299,840 |
| 8140 | (106,456) | 87,587 | 1,083,209 | 108,240 | 1,279,036 | 41,506 | 250,734 | — | 5,878 | 298,118 | 268,200 | 17,078 | 285,278 |
| 8142 | (223,744) | 184,086 | 2,276,639 | 160,626 | 2,621,352 | 87,235 | 526,982 | — | 66,553 | 680,770 | 563,691 | 13,569 | 577,260 |
| 8145 | (186,426) | 153,383 | 1,896,320 | 166,615 | 2,216,918 | 72,685 | 439,087 | — | 47,438 | 559,210 | 469,673 | 21,783 | 491,456 |
| 8146 | (522,423) | 429,825 | 5,315,752 | 214,279 | 5,959,856 | 203,687 | 1,230,456 | — | 82,422 | 1,516,565 | 1,316,168 | 19,493 | 1,335,661 |
| 8149 | (63,446) | 52,200 | 645,571 | 135,114 | 832,885 | 24,737 | 149,433 | — | — | 174,169 | 159,842 | 23,561 | 183,403 |
| 8150 | (986,641) | 811,763 | 10,039,264 | 764,939 | 11,615,966 | 384,680 | 2,323,825 | — | 135,419 | 2,843,924 | 2,485,698 | 118,309 | 2,604,007 |
| 8151 | (505,177) | 415,636 | 5,140,274 | 54,025 | 5,609,935 | 196,963 | 1,189,838 | — | 95,462 | 1,482,262 | 1,272,720 | (9,472) | 1,263,248 |
| 8153 | (158,959) | 130,784 | 1,617,438 | 503,444 | 2,251,666 | 61,976 | 374,394 | — | 199,993 | 636,364 | 400,474 | 63,253 | 463,726 |
| 8155 | (290,866) | 239,311 | 2,959,619 | 105,057 | 3,303,987 | 113,405 | 685,074 | — | 149,396 | 947,875 | 732,795 | (12,122) | 720,672 |
| 8160 | (317,011) | 260,822 | 3,225,650 | 277,773 | 3,764,245 | 123,599 | 746,653 | — | 587,054 | 1,457,306 | 798,663 | (44,082) | 754,582 |
| 8162 | (87,947) | 72,359 | 894,881 | 112,325 | 1,079,566 | 34,290 | 207,141 | — | 57,632 | 299,063 | 221,571 | 8,833 | 230,403 |
| 8166 | (1,324,495) | 1,089,734 | 13,476,995 | 89,719 | 14,656,448 | 516,405 | 3,119,569 | — | 142,389 | 3,778,363 | 3,336,873 | (7,723) | 3,329,150 |
| 8167 | (56,285) | 46,309 | 572,713 | 63,033 | 682,055 | 21,945 | 132,568 | — | 18,717 | 173,230 | 141,802 | 6,747 | 148,549 |
| 8168 | (100,998) | 83,096 | 1,027,671 | — | 1,110,767 | 39,378 | 237,879 | — | 80,578 | 357,834 | 254,449 | (14,292) | 240,157 |
| 8169 | (104,895) | 86,303 | 1,067,330 | 20,387 | 1,174,201 | 40,897 | 247,059 | — | 17,179 | 305,135 | 264,268 | 437 | 264,705 |
| 8170 | (481,901) | 396,486 | 4,903,440 | 20,124 | 5,320,051 | 187,888 | 1,135,017 | — | 264,458 | 1,587,363 | 1,214,080 | (45,172) | 1,168,908 |
| 8400 | (215,187) | 177,046 | 2,189,571 | 16,364 | 2,382,981 | 83,899 | 506,828 | — | 224,843 | 815,570 | 542,133 | (39,774) | 502,359 |
| 8402 | (129,614) | 106,640 | 1,318,845 | 69,835 | 1,495,320 | 50,535 | 305,278 | — | 351,737 | 707,549 | 326,543 | (44,250) | 282,292 |
| 8403 | (120,096) | 98,809 | 1,221,996 | — | 1,320,805 | 46,824 | 282,860 | — | 207,003 | 536,686 | 302,563 | (33,638) | 268,926 |
| 8406 | (75,118) | 61,804 | 764,341 | 16,886 | 843,030 | 29,288 | 176,925 | — | 54,626 | 260,838 | 189,249 | (7,740) | 181,508 |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

Schedule of Pension Amounts by Employer

As of and for the fiscal year ended June 30, 2017

| District code | Deferred outflows of resources | | | | | Deferred inflows of resources | | | | | Pension expense | | |
|------------------|--------------------------------|--|------------------------|--------------------------------|--------------------------------------|--|---|------------------------|--------------------------------|-------------------------------------|---|--|-----------------------|
| | Net pension liability (asset) | Differences between expected and actual experience | 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 |
| 8407 | \$ (485,277) | 399,264 | 4,937,791 | 17,295 | 5,354,349 | 189,204 | 1,142,968 | — | 587,914 | 1,920,086 | 1,222,585 | (97,956) | 1,124,630 |
| 8409 | (268,602) | 220,993 | 2,733,075 | 782 | 2,954,850 | 104,725 | 632,635 | — | 244,289 | 981,649 | 676,703 | (43,229) | 633,475 |
| 8410 | (98,478) | 81,023 | 1,002,033 | 71,777 | 1,154,834 | 38,395 | 231,944 | — | 87,792 | 358,132 | 248,101 | (3,924) | 244,177 |
| 8412 | (223,959) | 184,263 | 2,278,823 | 127,701 | 2,590,786 | 87,319 | 527,487 | — | 146,402 | 761,208 | 564,231 | (6,545) | 557,686 |
| 8415 | (225,656) | 185,660 | 2,296,099 | — | 2,481,758 | 87,981 | 531,486 | — | 387,936 | 1,007,404 | 568,509 | (64,587) | 503,921 |
| 8416 | (125,964) | 103,637 | 1,281,707 | 24,271 | 1,409,616 | 49,112 | 296,681 | — | 219,803 | 565,596 | 317,348 | (31,540) | 285,808 |
| 8419 | (105,519) | 86,816 | 1,073,674 | 19,736 | 1,180,226 | 41,141 | 248,527 | — | 24,603 | 314,271 | 265,839 | (1,174) | 264,665 |
| 8420 | (183,028) | 150,587 | 1,862,347 | 59,417 | 2,072,351 | 71,361 | 431,084 | — | 218,453 | 720,897 | 461,113 | (24,378) | 436,734 |
| 8421 | (108,684) | 89,420 | 1,105,879 | 39,965 | 1,235,264 | 42,375 | 255,982 | — | 99,038 | 397,395 | 273,813 | (8,477) | 265,336 |
| 8422 | (107,601) | 88,529 | 1,094,858 | — | 1,183,387 | 41,952 | 253,431 | — | 133,210 | 428,593 | 271,084 | (22,795) | 248,289 |
| 8423 | (82,753) | 68,085 | 842,028 | 20,870 | 930,983 | 32,264 | 194,907 | — | 78,480 | 305,651 | 208,484 | (11,788) | 196,696 |
| 8424 | (55,258) | 45,464 | 562,263 | 2,153 | 609,880 | 21,545 | 130,149 | — | 64,993 | 216,687 | 139,215 | (10,930) | 128,285 |
| 8425 | (96,153) | 79,111 | 978,379 | 17,158 | 1,074,648 | 37,489 | 226,469 | — | 80,396 | 344,354 | 242,244 | (12,089) | 230,156 |
| 8426 | (68,080) | 56,013 | 692,729 | 42,421 | 791,164 | 26,544 | 160,349 | — | 46,367 | 233,259 | 171,518 | (2,004) | 169,514 |
| 8427 | (31,877) | 26,227 | 324,351 | 34,936 | 385,513 | 12,428 | 75,079 | — | 1,744 | 89,251 | 80,309 | 5,319 | 85,627 |
| 8428 | (168,859) | 138,930 | 1,718,174 | — | 1,857,104 | 65,836 | 397,712 | — | 95,019 | 558,567 | 425,416 | (15,985) | 409,431 |
| 8429 | (77,768) | 63,984 | 791,306 | 81,350 | 936,640 | 30,321 | 183,166 | — | 135,660 | 349,147 | 195,926 | (9,795) | 186,131 |
| 8430 | (90,331) | 74,320 | 919,138 | — | 993,458 | 35,219 | 212,756 | — | 218,123 | 466,098 | 227,576 | (36,932) | 190,644 |
| 8431 | (79,751) | 65,615 | 811,480 | — | 877,095 | 31,094 | 187,836 | — | 275,257 | 494,187 | 200,920 | (48,779) | 152,142 |
| 8432 | (90,904) | 74,792 | 924,968 | — | 999,760 | 35,442 | 214,106 | — | 636,483 | 886,031 | 229,020 | (115,338) | 113,682 |
| 8433 | (4,866) | 4,004 | 49,515 | — | 53,518 | 1,897 | 11,461 | — | 39,001 | 52,360 | 12,260 | (6,394) | 5,866 |
| 8434 | (3,892) | 3,202 | 39,604 | — | 42,806 | 1,518 | 9,167 | — | 31,195 | 41,879 | 9,806 | (5,114) | 4,692 |
| Closed districts | — | — | — | 1,191,779 | 1,191,779 | — | — | — | 19,480 | 19,480 | — | 192,649 | 192,649 |

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, 2017

(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 benefits for 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.

(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:

(i) *Tier 1*

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

(ii) *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).

(iii) *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.

(iv) *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.

(v) *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.

(vi) *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, 2017

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, 2017

(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 2017 is 1.2%.

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 2016-17 salaries was 11.72%. 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, 2017 is as follows:

| | |
|---------------------------------------|-------------------------|
| Total required employer contributions | \$ 1,857,233,863 |
| Miscellaneous billing adjustments | <u>124,657</u> |
| Additions from employer contributions | <u>\$ 1,857,358,520</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 membership, such accumulated member

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

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

June 30, 2017

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, 2017. 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 (Asset) and Actuarial Information

The components of the collective net pension liability (asset) of the participating school districts at June 30, 2017 are as follows:

| | |
|--|-------------------------|
| Total pension liability | \$ 114,708,261,032 |
| System fiduciary net position | <u>115,468,360,316</u> |
| School districts' net pension liability (asset) | <u>\$ (760,099,284)</u> |
| System fiduciary net position as a percentage of total pension liability | 100.66 % |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

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

June 30, 2017

(a) Actuarial Assumptions

The total pension liability for the June 30, 2017 measurement date was determined by an actuarial valuation as of June 30, 2016, with update procedures used to roll forward the total pension liability to June 30, 2017, 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. |

| <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 | 7.25% 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, 2017

Best estimates of arithmetic real rates of return for each major asset class included in the System's target asset allocation as of the measurement date of June 30, 2017 are summarized in the following table:

| | <u>Target allocation</u> | <u>Long-term expected real rate of return*</u> |
|------------------------------------|------------------------------|--|
| Asset class: | | |
| Domestic equities | 35 % | 5.9 % |
| International equities | 18 | 7.4 |
| Real estate | 11 | 4.3 |
| Private equities | 8 | 9.0 |
| Domestic fixed income securities | 16 | 1.6 |
| Global fixed income securities | 2 | 1.3 |
| High-yield fixed income securities | 1 | 3.9 |
| Mortgages | 8 | 2.8 |
| Short-term | <u>1</u> | 0.6 |
| Total | <u>100 %</u> | |

* Real rates of return are net of a long-term inflation assumption of 2.2% for 2017.

(b) Discount Rate

The discount rate used to measure the total pension liability as of June 30, 2017 was 7.25%. 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, 2017 calculated using the discount rate of 7.25%, 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 (6.25%) or 1-percentage-point higher (8.25%) than the current rate:

| <u>1% Decrease (6.25%)</u> | <u>Current discount rate (7.25%)</u> | <u>1% Increase (8.25%)</u> |
|--------------------------------|--|--------------------------------|
| \$ 13,094,259,212 | \$ (760,099,284) | \$ (12,362,436,827) |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

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

June 30, 2017

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

Annual changes to the net pension liability (asset) 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 members and beneficiaries 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, 2017:

| Deferred outflows of resources | Measurement period July 1-June 30 | Amortization period | Beginning balance on prior measurement period deferrals | Current measurement period additions | Amortization of amounts recognized in current period pension expense | End of year balance |
|---|--|----------------------------|--|---|---|----------------------------|
| Changes of assumptions | 2016 | 7.2 | \$ 6,101,336,740 | \$ — | \$ (984,086,571) | \$ 5,117,250,169 |
| | 2017 | 7.1 | — | 3,045,909,213 | (429,001,298) | 2,616,907,915 |
| Total | | | <u>6,101,336,740</u> | <u>3,045,909,213</u> | <u>(1,413,087,869)</u> | <u>7,734,158,084</u> |
| Difference between expected and actual experience | 2017 | 7.1 | — | 727,895,418 | (102,520,481) | 625,374,937 |
| Total | | | <u>—</u> | <u>727,895,418</u> | <u>(102,520,481)</u> | <u>625,374,937</u> |
| Total deferred outflows of resources | | | <u>\$ 6,101,336,740</u> | <u>\$ 3,773,804,631</u> | <u>\$ (1,515,608,350)</u> | <u>\$ 8,359,533,021</u> |

| Deferred inflows of resources | Measurement period July 1-June 30 | Amortization period | Beginning balance on prior measurement period deferrals | Current measurement period additions | Amortization of amounts recognized in current period pension expense | End of year balance |
|--|--|----------------------------|--|---|---|----------------------------|
| Net difference between projected and actual earnings on pension plan investments | 2014 | 5 | \$ 3,740,650,992 | \$ — | \$ (1,870,325,497) | \$ 1,870,325,495 |
| | 2015 | 5 | (1,745,738,151) | — | 581,912,718 | (1,163,825,433) |
| | 2016 | 5 | (4,403,178,266) | — | 1,100,794,567 | (3,302,383,699) |
| | 2017 | 5 | — | 5,482,671,606 | (1,096,534,321) | 4,386,137,285 |
| Total | | | <u>(2,408,265,425)</u> | <u>5,482,671,606</u> | <u>(1,284,152,533)</u> | <u>1,790,253,648</u> |
| Difference between expected and actual experience | 2014 | 9.6 | 125,010,886 | — | (18,941,044) | 106,069,842 |
| | 2015 | 9.4 | 126,778,750 | — | (17,132,263) | 109,646,487 |
| | 2016 | 7.2 | 96,144,829 | — | (15,507,230) | 80,637,599 |
| Total | | | <u>347,934,465</u> | <u>—</u> | <u>(51,580,537)</u> | <u>296,353,928</u> |
| Total deferred inflows of resources | | | <u>\$ (2,060,330,960)</u> | <u>\$ 5,482,671,606</u> | <u>\$ (1,335,733,070)</u> | <u>\$ 2,086,607,576</u> |

NEW YORK STATE TEACHERS' RETIREMENT SYSTEM

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

June 30, 2017

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: | |
| 2018 | \$ 179,875,282 |
| 2019 | 2,050,200,774 |
| 2020 | 1,468,288,057 |
| 2021 | 367,493,491 |
| 2022 | 1,464,027,813 |
| Thereafter | <u>743,040,028</u> |
| Total | \$ <u>6,272,925,445</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 members and beneficiaries 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.

(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, 2017, comprises the following:

| | |
|---|-------------------------|
| Service cost | \$ 1,292,142,805 |
| Interest on total pension liability | 7,988,166,927 |
| Amortization of differences between expected and actual experience | 50,939,944 |
| Amortization of changes of assumptions | 1,413,087,869 |
| Member contributions | (129,770,319) |
| Projected earnings on pension plan investments | (7,469,220,052) |
| Amortization of differences between expected and actual earnings on investments | (1,284,152,533) |
| Pension plan administrative expense | 61,609,754 |
| Other changes in fiduciary net position | <u>(7,844,844)</u> |
| Total allocable plan pension expense | \$ <u>1,914,959,551</u> |