



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

Schedules of Employer Allocations and Schedules of  
Pension Amounts by Employer

March 31, 2019

(With Independent Auditors' Report Thereon)

# NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

## Schedules of Employer Allocations and Schedules of Pension Amounts by Employer

March 31, 2019

### Table of Contents

	<b>Page</b>
Independent Auditors' Report	1
Schedules of Employer Allocations:	
New York State and Local Employees' Retirement System	3
New York State and Local Police and Fire Retirement System	71
Schedules of Pension Amounts by Employer:	
New York State and Local Employees' Retirement System	82
New York State and Local Police and Fire Retirement System	129
Notes to Schedules of Employer Allocations and Schedules of Pension Amounts by Employer	137



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## **Independent Auditors' Report**

The Retirement Board  
New York State and Local Retirement System:

We have audited the accompanying schedules of employer allocations of the New York State and Local Employees' Retirement System (ERS) and New York State and Local Police and Fire Retirement System (PFRS) as of and for the year ended March 31, 2019, and the related notes. We have also audited the total for all entities of the columns titled net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total pension expense (specified column totals) included in the accompanying schedules of pension amounts by employer of ERS and PFRS as of and for the year ended March 31, 2019, 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 schedules of employer allocations and the specified column totals included in the schedules 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 schedules of employer allocations and specified column totals included in the schedules 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 schedules of employer allocations and specified column totals included in the schedules of pension amounts by employer. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the schedules of employer allocations and specified column totals included in the schedules 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 schedules of employer allocations and specified column totals included in the schedules 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 schedules of employer allocations and specified column totals included in the schedules 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 referred to above present fairly, in all material respects, the employer allocations and net pension liability, total deferred outflows of resources, total deferred inflows of resources, and total pension expense for the total of all participating entities for the New York State and Local Employees' Retirement System and New York State and Local Police and Fire Retirement System as of and for the year ended March 31, 2019, in accordance with U.S. generally accepted accounting principles.

**Other Matters**

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the New York State and Local Retirement System, which include ERS and PFRS, as of and for the year ended March 31, 2019, and our report thereon, dated July 19, 2019, 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 and Local Retirement System management, the Comptroller's Advisory Audit Committee of the New York State and Local Retirement System, and New York State and Local 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

August 15, 2019

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
01128	\$ 44,848,925	0.0220676%
01129	83,410,423	0.0410415%
01130	77,643,400	0.0382039%
01132	27,634,816	0.0135975%
01133	40,331,102	0.0198446%
01171	37,354,114	0.0183798%
01172	30,206,068	0.0148627%
01173	50,963,404	0.0250762%
01174	28,348,182	0.0139485%
01175	25,966,543	0.0127767%
01176	29,857,604	0.0146912%
02880	774,300,333	0.3809892%
02881	2,136,545,281	1.0512725%
02885	2,612,159,571	1.2852952%
02899	91,343,469	0.0449449%
10001	1,046,456,102	0.5149016%
10002	208,033,063	0.1023612%
10003	823,033,847	0.4049682%
10004	426,199,671	0.2097086%
10005	308,277,290	0.1516857%
10006	500,379,874	0.2462085%
10007	423,584,079	0.2084216%
10008	198,752,789	0.0977950%
10009	369,907,628	0.1820105%
10010	359,624,551	0.1769508%
10011	224,272,655	0.1103518%
10012	205,999,219	0.1013605%
10013	1,018,715,898	0.5012522%
10014	2,218,252,427	1.0914759%
10015	190,835,946	0.0938995%
10016	174,230,716	0.0857290%
10017	179,085,610	0.0881178%
10018	285,832,797	0.1406421%
10019	196,525,491	0.0966990%
10020	43,687,146	0.0214960%
10021	160,881,481	0.0791606%
10022	371,447,620	0.1827683%
10023	346,311,283	0.1704001%
10024	395,110,096	0.1944112%
10025	253,194,536	0.1245826%
10026	2,243,938,058	1.1041144%
10027	158,542,570	0.0780098%
10028	3,795,519,311	1.8675593%
10029	713,002,070	0.3508278%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
10030	\$ 680,944,038	0.3350539%
10031	1,828,492,194	0.8996971%
10032	490,004,170	0.2411032%
10033	1,385,673,526	0.6818112%
10034	142,012,938	0.0698765%
10035	396,792,655	0.1952391%
10036	155,771,174	0.0766461%
10037	436,548,511	0.2148007%
10038	802,102,693	0.3946691%
10039	1,046,704,775	0.5150239%
10040	333,453,384	0.1640735%
10041	528,200,032	0.2598972%
10042	586,000,503	0.2883375%
10043	131,609,939	0.0647578%
10044	102,130,805	0.0502528%
10045	174,540,767	0.0858816%
10046	320,444,149	0.1576724%
10047	4,911,670,200	2.4167537%
10048	466,657,234	0.2296155%
10049	157,909,492	0.0776983%
10050	389,800,632	0.1917987%
10051	636,484,525	0.3131779%
10052	392,222,728	0.1929905%
10053	227,181,662	0.1117832%
10054	389,888,211	0.1918418%
10055	3,160,351,844	1.5550295%
10056	320,714,088	0.1578052%
10057	116,504,123	0.0573251%
20001	227,629,314	0.1120034%
20002	36,480,946	0.0179502%
20003	60,760,930	0.0298970%
20004	28,887,547	0.0142139%
20005	26,921,933	0.0132468%
20006	100,364,183	0.0493835%
20007	485,198,179	0.2387384%
20008	25,467,614	0.0125312%
20009	23,925,225	0.0117722%
20010	23,130,470	0.0113812%
20011	26,309,799	0.0129456%
20012	28,792,633	0.0141672%
20013	34,994,129	0.0172186%
20014	22,414,390	0.0110288%
20015	36,426,823	0.0179236%
20016	63,422,818	0.0312068%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
20017	\$ 31,570,181	0.0155339%
20018	32,288,814	0.0158875%
20019	16,166,472	0.0079546%
20020	16,944,757	0.0083376%
20021	118,164,531	0.0581420%
20022	118,784,988	0.0584473%
20023	14,163,439	0.0069690%
20024	63,168,601	0.0310817%
20025	25,724,902	0.0126578%
20026	12,274,393	0.0060395%
20027	147,278,565	0.0724674%
20028	40,710,311	0.0200312%
20029	7,476,868	0.0036789%
20030	54,641,476	0.0268860%
20031	164,652,775	0.0810163%
20032	59,133,588	0.0290963%
20033	156,334,719	0.0769234%
20035	92,385,008	0.0454574%
20036	65,728,774	0.0323414%
20037	9,327,876	0.0045897%
20038	28,178,673	0.0138651%
20039	33,464,101	0.0164658%
20040	22,188,667	0.0109178%
20041	25,324,657	0.0124608%
20042	48,971,232	0.0240960%
20043	61,641,854	0.0303305%
20044	21,456,073	0.0105573%
20045	69,412,608	0.0341540%
20046	20,398,409	0.0100369%
20047	66,463,341	0.0327028%
20048	18,956,949	0.0093276%
20049	89,793,219	0.0441821%
20050	96,102,591	0.0472866%
20051	10,191,923	0.0050149%
20052	307,952,530	0.1515259%
20053	34,857,960	0.0171516%
20054	94,401,832	0.0464498%
20055	65,359,228	0.0321596%
20056	69,361,557	0.0341289%
20057	13,592,124	0.0066879%
20058	263,893,753	0.1298471%
20059	648,585,222	0.3191319%
20060	658,536,353	0.3240283%
20061	66,708,513	0.0328235%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
20062	\$ 57,447,065	0.0282664%
30001	12,598,333	0.0061989%
30002	4,576,339	0.0022518%
30003	57,503,493	0.0282942%
30004	13,428,459	0.0066074%
30005	7,068,469	0.0034780%
30006	6,560,185	0.0032279%
30007	1,119,708,052	0.5509447%
30008	567,221,856	0.2790976%
30009	220,051,233	0.1082747%
30010	4,479,837	0.0022043%
30011	1,750,838	0.0008615%
30012	396,615,436	0.1951519%
30013	83,441,920	0.0410570%
30014	128,434,398	0.0631953%
30015	231,246,820	0.1137834%
30016	194,539,085	0.0957216%
30017	2,937,483	0.0014454%
30018	2,363,495	0.0011629%
30019	333,394,942	0.1640447%
30020	92,116,690	0.0453254%
30021	1,429,206	0.0007032%
30022	848,264	0.0004174%
30023	501,730,030	0.2468728%
30025	201,862,534	0.0993251%
30026	108,145,545	0.0532123%
30027	6,005,867	0.0029551%
30028	142,296,288	0.0700159%
30029	12,649,736	0.0062242%
30030	175,336,336	0.0862730%
30031	89,357,572	0.0439678%
30032	95,073,024	0.0467800%
30033	57,445,076	0.0282655%
30034	21,230,537	0.0104463%
30035	20,831,828	0.0102502%
30036	60,769,842	0.0299014%
30037	55,673,272	0.0273937%
30038	25,819,393	0.0127043%
30039	44,322,305	0.0218085%
30040	37,513,620	0.0184583%
30041	12,113,454	0.0059603%
30042	21,569,632	0.0106132%
30043	192,357,356	0.0946481%
30044	52,966,578	0.0260618%



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30045	\$	192,620,807	0.0947778%
30046		78,800,571	0.0387733%
30047		39,772,820	0.0195699%
30048		28,837,672	0.0141894%
30049		45,097,046	0.0221897%
30050		49,233,953	0.0242252%
30051		85,823,949	0.0422291%
30052		31,859,951	0.0156765%
30053		30,665,127	0.0150886%
30054		46,445,936	0.0228534%
30055		1,519,029	0.0007474%
30056		20,366,160	0.0100210%
30057		41,967,180	0.0206497%
30058		46,147,504	0.0227066%
30059		3,485,232	0.0017149%
30060		13,629,163	0.0067061%
30061		21,660,621	0.0106580%
30062		3,336,267	0.0016416%
30063		54,340,096	0.0267377%
30064		5,232,728	0.0025747%
30065		5,884,779	0.0028956%
30066		78,428,934	0.0385904%
30067		10,405,159	0.0051198%
30068		7,379,007	0.0036308%
30069		5,795,848	0.0028518%
30070		18,902,702	0.0093009%
30071		19,276,474	0.0094849%
30072		161,489,312	0.0794597%
30073		10,170,974	0.0050046%
30074		9,244,143	0.0045485%
30075		8,715,776	0.0042885%
30076		30,840,872	0.0151750%
30077		8,700,517	0.0042810%
30078		8,778,321	0.0043193%
30079		2,950,953	0.0014520%
30080		47,009,653	0.0231308%
30081		188,309,726	0.0926565%
30082		17,843,921	0.0087800%
30083		2,896,218	0.0014251%
30084		6,154,231	0.0030281%
30085		8,352,274	0.0041097%
30086		5,786,418	0.0028472%
30087		86,156,285	0.0423926%
30088		45,233,576	0.0222569%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30089	\$ 107,386,545	0.0528388%
30090	15,091,939	0.0074259%
30091	9,141,515	0.0044980%
30092	33,582,549	0.0165241%
30093	4,366,032	0.0021483%
30094	188,729,025	0.0928628%
30095	24,818,501	0.0122118%
30096	8,874,518	0.0043666%
30097	28,975,292	0.0142571%
30098	12,178,928	0.0059926%
30099	18,664,766	0.0091839%
30100	1,754,135	0.0008631%
30101	1,970,411	0.0009695%
30102	3,223,502	0.0015861%
30103	5,878,285	0.0028924%
30104	66,277,759	0.0326115%
30105	1,194,236	0.0005876%
30106	5,119,055	0.0025188%
30107	3,055,894	0.0015036%
30108	3,579,186	0.0017611%
30109	3,600,494	0.0017716%
30110	3,009,077	0.0014806%
30111	6,106,112	0.0030045%
30112	11,578,308	0.0056970%
30113	4,160,613	0.0020472%
30114	2,391,547	0.0011767%
30115	9,407,197	0.0046287%
30116	10,411,427	0.0051229%
30117	1,692,297	0.0008327%
30118	8,746,185	0.0043035%
30119	5,913,273	0.0029096%
30120	2,271,153	0.0011175%
30121	19,559,903	0.0096243%
30122	5,212,758	0.0025649%
30123	4,090,426	0.0020127%
30124	3,789,792	0.0018647%
30125	1,582,761	0.0007788%
30126	33,815,578	0.0166387%
30127	2,325,374	0.0011442%
30128	3,290,140	0.0016189%
30129	2,473,314	0.0012170%
30130	4,796,708	0.0023602%
30131	2,794,156	0.0013748%
30132	5,013,313	0.0024668%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30133	\$	1,993,606	0.0009809%
30134		6,897,284	0.0033938%
30135		1,474,421	0.0007255%
30136		4,345,289	0.0021381%
30137		4,921,118	0.0024214%
30138		5,297,857	0.0026068%
30139		2,524,417	0.0012421%
30140		2,557,957	0.0012586%
30141		5,148,508	0.0025333%
30142		7,709,265	0.0037933%
30143		44,896,397	0.0220910%
30144		6,669,775	0.0032818%
30145		3,287,188	0.0016174%
30146		1,525,918	0.0007508%
30147		1,199,023	0.0005900%
30148		39,028,681	0.0192038%
30149		11,746,778	0.0057799%
30150		3,544,001	0.0017438%
30151		14,046,118	0.0069113%
30152		10,364,510	0.0050998%
30153		14,028,830	0.0069028%
30154		34,372,731	0.0169129%
30155		1,103,358	0.0005429%
30156		13,215,261	0.0065025%
30157		5,953,252	0.0029293%
30158		5,401,863	0.0026579%
30159		4,817,232	0.0023703%
30160		3,941,206	0.0019392%
30161		3,230,976	0.0015898%
30162		2,928,525	0.0014410%
30163		3,703,350	0.0018222%
30164		6,373,101	0.0031358%
30165		3,354,402	0.0016505%
30166		1,021,865	0.0005028%
30167		7,984,391	0.0039287%
30168		1,513,063	0.0007445%
30169		44,506,577	0.0218992%
30170		2,743,519	0.0013499%
30171		13,424,914	0.0066056%
30172		4,511,724	0.0022200%
30173		4,670,547	0.0022981%
30174		12,915,008	0.0063547%
30175		2,271,483	0.0011177%
30176		2,741,732	0.0013491%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30177	\$	3,142,377	0.0015462%
30178		3,152,927	0.0015514%
30179		5,380,600	0.0026475%
30180		10,601,486	0.0052164%
30181		2,535,154	0.0012474%
30182		3,144,530	0.0015472%
30183		4,123,721	0.0020290%
30184		5,600,456	0.0027557%
30185		13,993,055	0.0068852%
30186		4,282,608	0.0021072%
30187		2,247,095	0.0011057%
30188		1,415,810	0.0006966%
30189		7,018,948	0.0034536%
30190		28,167,287	0.0138595%
30191		6,477,972	0.0031874%
30192		7,099,034	0.0034930%
30193		1,343,132	0.0006609%
30194		2,392,031	0.0011770%
30195		2,282,404	0.0011230%
30196		2,380,604	0.0011714%
30197		4,423,552	0.0021766%
30198		2,343,699	0.0011532%
30199		2,828,346	0.0013917%
30200		1,289,024	0.0006343%
30201		43,204,205	0.0212583%
30202		3,598,070	0.0017704%
30203		3,606,521	0.0017746%
30204		7,084,571	0.0034859%
30205		1,811,113	0.0008911%
30206		1,047,435	0.0005154%
30207		4,555,950	0.0022417%
30208		1,344,674	0.0006616%
30209		40,282,896	0.0198209%
30210		20,962,553	0.0103145%
30211		22,007,981	0.0108289%
30212		4,463,740	0.0021964%
30213		8,797,841	0.0043289%
30214		2,215,154	0.0010900%
30215		3,417,590	0.0016816%
30216		9,398,195	0.0046243%
30217		3,932,311	0.0019349%
30218		4,066,333	0.0020008%
30219		2,308,628	0.0011359%
30220		21,175,361	0.0104192%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30221	\$ 2,199,129	0.0010821%
30222	34,133,645	0.0167952%
30223	3,930,687	0.0019341%
30224	11,382,466	0.0056007%
30225	4,267,766	0.0020999%
30226	1,397,475	0.0006876%
30227	8,899,155	0.0043788%
30228	1,455,150	0.0007160%
30229	9,864,544	0.0048538%
30230	2,166,267	0.0010659%
30231	7,556,922	0.0037183%
30232	18,776,612	0.0092389%
30233	3,779,132	0.0018595%
30234	10,001,043	0.0049209%
30235	3,441,368	0.0016933%
30236	5,087,905	0.0025035%
30237	24,728,950	0.0121677%
30238	17,808,489	0.0087625%
30239	3,356,777	0.0016517%
30240	2,628,681	0.0012934%
30241	13,148,553	0.0064697%
30242	16,377,007	0.0080582%
30243	4,754,528	0.0023394%
30244	1,858,644	0.0009145%
30245	811,189	0.0003991%
30246	1,181,971	0.0005816%
30247	4,445,377	0.0021873%
30248	3,412,220	0.0016790%
30249	4,667,224	0.0022965%
30250	30,471,807	0.0149934%
30251	3,368,693	0.0016575%
30252	4,173,977	0.0020538%
30253	6,504,599	0.0032005%
30254	3,932,621	0.0019350%
30255	2,058,826	0.0010130%
30256	7,292,455	0.0035882%
30257	1,951,500	0.0009602%
30258	2,279,326	0.0011215%
30259	6,763,816	0.0033281%
30260	2,353,556	0.0011581%
30261	2,394,270	0.0011781%
30262	4,176,398	0.0020550%
30263	15,234,328	0.0074959%
30264	4,789,147	0.0023565%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30265	\$	4,788,685	0.0023562%
30266		2,751,721	0.0013540%
30267		2,620,832	0.0012896%
30268		9,944,542	0.0048931%
30269		1,767,755	0.0008698%
30270		4,556,619	0.0022421%
30271		5,081,908	0.0025005%
30272		2,502,367	0.0012313%
30273		778,093	0.0003829%
30274		784,663	0.0003861%
30275		15,016,949	0.0073890%
30276		14,554,097	0.0071612%
30277		1,466,605	0.0007216%
30278		2,036,366	0.0010020%
30279		12,912,878	0.0063537%
30280		4,748,804	0.0023366%
30281		34,668,805	0.0170585%
30282		2,099,198	0.0010329%
30283		30,535,207	0.0150246%
30284		2,348,447	0.0011555%
30285		11,976,668	0.0058930%
30286		11,864,844	0.0058380%
30287		4,616,370	0.0022715%
30288		2,796,374	0.0013759%
30289		2,732,570	0.0013445%
30290		1,893,491	0.0009317%
30291		19,296,633	0.0094948%
30292		2,422,030	0.0011917%
30293		1,319,907	0.0006495%
30294		1,325,391	0.0006521%
30295		3,903,969	0.0019209%
30296		7,011,036	0.0034497%
30297		1,696,358	0.0008347%
30298		3,337,383	0.0016421%
30299		4,618,568	0.0022725%
30300		10,814,348	0.0053211%
30301		616,213	0.0003032%
30302		6,933,764	0.0034117%
30303		12,200,885	0.0060034%
30304		5,683,229	0.0027964%
30305		11,119,505	0.0054713%
30306		2,544,961	0.0012522%
30307		19,282,195	0.0094877%
30308		5,076,933	0.0024981%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30309	\$ 2,152,593	0.0010592%
30310	1,193,881	0.0005874%
30311	30,526,044	0.0150201%
30312	6,012,314	0.0029583%
30313	11,155,045	0.0054888%
30314	1,186,199	0.0005837%
30315	1,878,111	0.0009241%
30316	4,104,330	0.0020195%
30317	1,967,711	0.0009682%
30318	1,938,843	0.0009540%
30319	1,203,490	0.0005922%
30320	1,430,177	0.0007037%
30321	3,832,490	0.0018858%
30322	2,017,211	0.0009926%
30323	16,765,595	0.0082494%
30324	1,086,002	0.0005344%
30325	1,045,605	0.0005145%
30326	2,968,310	0.0014605%
30327	4,525,726	0.0022269%
30328	1,272,405	0.0006261%
30329	4,482,664	0.0022057%
30330	3,792,631	0.0018661%
30331	1,392,485	0.0006852%
30332	1,392,275	0.0006851%
30333	69,167,350	0.0340333%
30334	2,297,683	0.0011306%
30335	7,704,238	0.0037908%
30336	6,552,504	0.0032241%
30337	430,955	0.0002120%
30338	4,580,492	0.0022538%
30339	4,280,280	0.0021061%
30340	2,400,665	0.0011812%
30341	6,369,466	0.0031341%
30342	26,436,640	0.0130080%
30343	2,624,284	0.0012913%
30344	2,160,863	0.0010632%
30345	1,592,633	0.0007836%
30346	2,032,495	0.0010001%
30347	11,558,714	0.0056874%
30348	3,935,187	0.0019363%
30349	4,708,061	0.0023166%
30350	10,282,055	0.0050592%
30351	1,922,688	0.0009460%
30352	5,454,353	0.0026838%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30353	\$	11,882,751	0.0058468%
30354		1,312,484	0.0006458%
30355		1,798,879	0.0008851%
30356		4,380,515	0.0021554%
30357		18,815,477	0.0092580%
30358		1,763,179	0.0008676%
30359		2,928,105	0.0014408%
30360		2,598,678	0.0012787%
30361		1,165,429	0.0005734%
30362		3,521,782	0.0017329%
30363		3,012,060	0.0014821%
30364		5,455,680	0.0026844%
30365		6,644,751	0.0032695%
30366		3,109,553	0.0015300%
30367		2,050,407	0.0010089%
30368		1,564,096	0.0007696%
30369		2,063,349	0.0010153%
30370		1,603,326	0.0007889%
30371		2,704,210	0.0013306%
30372		3,679,999	0.0018107%
30373		1,358,011	0.0006682%
30374		2,230,067	0.0010973%
30375		2,740,472	0.0013484%
30376		11,134,071	0.0054784%
30377		1,711,179	0.0008420%
30378		4,042,111	0.0019889%
30379		3,172,497	0.0015610%
30380		37,943,749	0.0186700%
30381		5,309,938	0.0026127%
30382		1,004,725	0.0004944%
30383		4,480,132	0.0022044%
30384		5,987,663	0.0029462%
30385		2,364,380	0.0011634%
30386		5,785,598	0.0028468%
30387		1,148,134	0.0005649%
30388		2,456,909	0.0012089%
30389		4,330,298	0.0021307%
30390		1,859,689	0.0009150%
30391		11,023,210	0.0054239%
30392		3,527,934	0.0017359%
30393		1,940,814	0.0009550%
30394		24,604,936	0.0121067%
30395		5,020,851	0.0024705%
30396		1,704,064	0.0008385%



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30397	\$	28,049,144	0.0138014%
30398		5,346,888	0.0026309%
30399		1,276,240	0.0006280%
30400		11,727,128	0.0057703%
30401		12,260,610	0.0060327%
30402		1,605,835	0.0007901%
30403		2,207,237	0.0010861%
30404		3,528,316	0.0017361%
30405		1,128,977	0.0005555%
30406		3,630,942	0.0017866%
30407		7,775,670	0.0038260%
30408		1,251,198	0.0006156%
30409		17,278,135	0.0085016%
30410		7,582,305	0.0037308%
30411		19,081,358	0.0093889%
30412		2,612,215	0.0012853%
30413		15,582,206	0.0076671%
30414		794,054	0.0003907%
30415		807,228	0.0003972%
30416		1,039,212	0.0005113%
30417		3,164,606	0.0015571%
30418		1,857,870	0.0009142%
30419		4,699,909	0.0023126%
30420		3,859,697	0.0018991%
30421		6,305,673	0.0031027%
30422		1,853,947	0.0009122%
30423		5,720,440	0.0028147%
30424		1,161,901	0.0005717%
30425		2,142,901	0.0010544%
30426		2,659,184	0.0013084%
30427		8,471,923	0.0041686%
30428		46,779,978	0.0230178%
30429		13,136,322	0.0064636%
30430		1,403,629	0.0006906%
30431		3,779,048	0.0018595%
30432		7,879,782	0.0038772%
30433		2,280,620	0.0011222%
30434		4,415,673	0.0021727%
30435		6,623,008	0.0032588%
30436		1,650,955	0.0008123%
30437		3,832,313	0.0018857%
30438		4,918,469	0.0024201%
30439		5,664,292	0.0027871%
30440		9,907,948	0.0048751%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30441	\$	2,161,969	0.0010638%
30442		5,215,849	0.0025664%
30443		1,469,672	0.0007231%
30444		10,810,864	0.0053194%
30445		3,908,763	0.0019233%
30446		29,609,693	0.0145692%
30447		3,165,572	0.0015576%
30448		37,383,248	0.0183942%
30449		8,705,713	0.0042836%
30450		3,189,574	0.0015694%
30451		7,154,614	0.0035204%
30452		20,452,681	0.0100636%
30453		6,154,197	0.0030281%
30454		2,983,623	0.0014681%
30455		5,884,527	0.0028954%
30456		1,203,076	0.0005920%
30457		4,350,399	0.0021406%
30458		5,057,740	0.0024886%
30459		1,922,281	0.0009458%
30460		5,881,647	0.0028940%
30461		2,854,409	0.0014045%
30462		1,920,795	0.0009451%
30463		8,626,764	0.0042447%
30464		4,940,303	0.0024308%
30465		3,151,129	0.0015505%
30466		17,569,202	0.0086448%
30467		4,445,494	0.0021874%
30468		10,440,803	0.0051373%
30469		3,744,952	0.0018427%
30470		3,964,185	0.0019505%
30471		4,675,696	0.0023006%
30472		12,729,342	0.0062634%
30473		1,640,682	0.0008073%
30474		3,934,709	0.0019360%
30475		8,081,131	0.0039763%
30476		3,026,632	0.0014892%
30477		4,997,226	0.0024589%
30478		2,576,227	0.0012676%
30479		2,224,788	0.0010947%
30480		9,436,200	0.0046430%
30481		1,734,970	0.0008537%
30482		5,281,821	0.0025989%
30483		3,475,366	0.0017100%
30484		2,721,836	0.0013393%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30485	\$	4,528,549	0.0022282%
30486		5,457,559	0.0026854%
30487		2,130,471	0.0010483%
30488		4,821,575	0.0023724%
30489		894,903	0.0004403%
30490		1,459,183	0.0007180%
30491		8,260,617	0.0040646%
30492		24,413,919	0.0120127%
30493		3,621,721	0.0017820%
30494		791,408	0.0003894%
30495		1,162,554	0.0005720%
30496		4,460,539	0.0021948%
30497		2,493,116	0.0012267%
30498		2,354,519	0.0011585%
30499		11,801,665	0.0058069%
30500		1,956,865	0.0009629%
30501		2,753,267	0.0013547%
30502		7,906,895	0.0038905%
30503		4,265,241	0.0020987%
30504		4,707,211	0.0023162%
30505		9,602,856	0.0047250%
30506		1,528,229	0.0007520%
30507		2,499,716	0.0012300%
30508		6,326,363	0.0031128%
30509		1,707,241	0.0008400%
30510		1,590,386	0.0007825%
30511		14,193,708	0.0069839%
30512		6,134,081	0.0030182%
30513		3,536,120	0.0017399%
30514		2,416,169	0.0011889%
30515		1,954,184	0.0009615%
30516		3,279,377	0.0016136%
30517		3,361,018	0.0016538%
30518		7,086,277	0.0034868%
30519		2,125,244	0.0010457%
30520		772,109	0.0003799%
30521		19,482,069	0.0095860%
30522		3,484,375	0.0017145%
30523		930,140	0.0004577%
30524		5,018,722	0.0024694%
30525		2,256,503	0.0011103%
30526		7,987,344	0.0039301%
30527		2,457,445	0.0012092%
30528		2,562,243	0.0012607%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30529	\$ 6,657,743	0.0032759%
30530	1,297,018	0.0006382%
30531	22,636,464	0.0111381%
30532	4,299,640	0.0021156%
30533	1,928,729	0.0009490%
30534	5,143,960	0.0025311%
30535	1,548,126	0.0007617%
30536	1,998,790	0.0009835%
30537	3,299,062	0.0016233%
30538	3,354,874	0.0016507%
30539	4,086,260	0.0020106%
30540	2,414,041	0.0011878%
30541	7,697,270	0.0037874%
30542	5,730,712	0.0028198%
30543	1,392,016	0.0006849%
30544	4,589,284	0.0022581%
30545	1,351,637	0.0006651%
30546	3,465,230	0.0017050%
30547	3,187,890	0.0015686%
30548	681,584	0.0003354%
30549	1,256,573	0.0006183%
30550	3,678,610	0.0018100%
30551	1,779,482	0.0008756%
30552	1,239,756	0.0006100%
30553	2,958,045	0.0014555%
30554	5,483,989	0.0026984%
30555	4,220,516	0.0020767%
30556	5,564,293	0.0027379%
30557	3,627,998	0.0017851%
30558	3,936,925	0.0019371%
30559	14,042,325	0.0069094%
30560	1,831,329	0.0009011%
30561	10,517,922	0.0051753%
30562	3,806,884	0.0018732%
30563	2,888,355	0.0014212%
30564	2,584,618	0.0012717%
30565	1,096,087	0.0005393%
30566	4,990,913	0.0024557%
30567	1,992,667	0.0009805%
30568	3,799,079	0.0018693%
30569	2,970,128	0.0014614%
30570	2,293,169	0.0011283%
30571	12,782,239	0.0062894%
30572	1,697,742	0.0008354%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30573	\$	3,226,028	0.0015873%
30574		3,514,866	0.0017295%
30575		2,365,112	0.0011637%
30576		2,667,200	0.0013124%
30577		1,355,535	0.0006670%
30578		6,616,490	0.0032556%
30579		2,618,550	0.0012884%
30580		5,632,525	0.0027714%
30581		18,422,247	0.0090645%
30582		1,640,727	0.0008073%
30583		2,477,537	0.0012191%
30584		1,645,921	0.0008099%
30585		4,265,786	0.0020990%
30586		2,075,917	0.0010214%
30587		16,827,250	0.0082797%
30588		1,658,102	0.0008159%
30589		581,175	0.0002860%
30590		2,136,669	0.0010513%
30591		3,424,898	0.0016852%
30592		1,249,985	0.0006150%
30593		958,896	0.0004718%
30594		1,925,108	0.0009472%
30595		4,631,698	0.0022790%
30596		4,531,093	0.0022295%
30597		2,697,318	0.0013272%
30598		2,597,554	0.0012781%
30599		2,250,758	0.0011075%
30600		2,124,434	0.0010453%
30601		1,308,266	0.0006437%
30602		1,774,745	0.0008733%
30603		2,231,853	0.0010982%
30604		2,702,321	0.0013297%
30605		3,375,013	0.0016607%
30606		2,152,505	0.0010591%
30607		3,935,477	0.0019364%
30608		1,115,442	0.0005488%
30609		2,106,793	0.0010366%
30610		3,343,130	0.0016450%
30611		1,763,462	0.0008677%
30612		2,142,418	0.0010542%
30613		2,944,061	0.0014486%
30614		2,339,783	0.0011513%
30615		9,909,334	0.0048758%
30616		2,366,919	0.0011646%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30617	\$	1,483,776	0.0007301%
30618		3,515,550	0.0017298%
30619		2,668,614	0.0013131%
30620		865,888	0.0004261%
30621		4,459,877	0.0021945%
30622		4,327,498	0.0021293%
30623		2,626,182	0.0012922%
30624		3,217,464	0.0015831%
30625		1,675,952	0.0008246%
30626		3,753,762	0.0018470%
30627		766,576	0.0003772%
30628		2,511,617	0.0012358%
30629		944,858	0.0004649%
30630		2,151,523	0.0010586%
30631		3,924,846	0.0019312%
30632		1,274,620	0.0006272%
30633		887,509	0.0004367%
30634		1,061,185	0.0005221%
30635		5,919,418	0.0029126%
30636		2,287,764	0.0011257%
30637		1,704,794	0.0008388%
30638		1,917,673	0.0009436%
30639		1,283,294	0.0006314%
30640		6,607,689	0.0032513%
30641		1,127,649	0.0005549%
30642		24,429,544	0.0120204%
30643		1,633,716	0.0008039%
30644		2,645,950	0.0013019%
30645		2,541,598	0.0012506%
30646		2,550,127	0.0012548%
30647		1,670,681	0.0008220%
30648		3,036,711	0.0014942%
30649		2,433,658	0.0011975%
30650		2,192,556	0.0010788%
30651		983,541	0.0004839%
30652		1,526,468	0.0007511%
30653		2,186,096	0.0010757%
30654		2,121,459	0.0010438%
30655		1,626,356	0.0008002%
30656		3,850,759	0.0018947%
30657		1,879,886	0.0009250%
30658		4,694,197	0.0023097%
30659		2,351,635	0.0011571%
30660		3,243,223	0.0015958%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30661	\$ 6,044,708	0.0029743%
30662	437,261	0.0002152%
30663	2,314,804	0.0011390%
30664	2,290,361	0.0011270%
30665	2,827,205	0.0013911%
30666	1,717,932	0.0008453%
30667	4,940,998	0.0024312%
30668	10,438,007	0.0051360%
30670	1,612,748	0.0007935%
30671	11,878,368	0.0058447%
30672	1,966,354	0.0009675%
30673	3,137,442	0.0015438%
30674	1,645,986	0.0008099%
30675	3,545,360	0.0017445%
30676	958,076	0.0004714%
30677	3,335,755	0.0016413%
30678	—	—
30679	1,476,505	0.0007265%
30680	1,053,161	0.0005182%
30681	1,559,845	0.0007675%
30682	1,011,731	0.0004978%
30683	3,197,321	0.0015732%
30684	1,776,640	0.0008742%
30685	2,071,896	0.0010195%
30686	1,400,574	0.0006891%
30687	1,061,399	0.0005223%
30688	1,194,155	0.0005876%
30689	2,694,433	0.0013258%
30690	11,428,398	0.0056233%
30691	1,012,671	0.0004983%
30692	2,196,314	0.0010807%
30693	5,185,060	0.0025513%
30694	2,167,346	0.0010664%
30695	2,710,071	0.0013335%
30696	8,585,465	0.0042244%
30697	2,647,421	0.0013026%
30698	1,870,846	0.0009205%
30699	4,290,550	0.0021111%
30700	1,300,143	0.0006397%
30701	3,968,503	0.0019527%
30702	2,068,906	0.0010180%
30703	1,336,851	0.0006578%
30704	1,507,526	0.0007418%
30705	2,397,356	0.0011796%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30706	\$	3,007,437	0.0014798%
30707		10,677,569	0.0052538%
30708		2,667,705	0.0013126%
30709		1,448,022	0.0007125%
30710		2,156,893	0.0010613%
30711		2,343,605	0.0011532%
30712		329,743	0.0001622%
30713		2,317,510	0.0011403%
30714		1,590,283	0.0007825%
30715		2,861,743	0.0014081%
30716		3,834,667	0.0018868%
30717		2,611,261	0.0012849%
30718		2,123,357	0.0010448%
30719		2,520,317	0.0012401%
30720		1,214,104	0.0005974%
30721		1,563,499	0.0007693%
30722		2,052,823	0.0010101%
30723		1,746,390	0.0008593%
30724		2,423,777	0.0011926%
30725		2,063,725	0.0010154%
30726		1,222,622	0.0006016%
30727		2,261,736	0.0011129%
30728		4,501,102	0.0022147%
30729		4,841,937	0.0023824%
30730		3,607,786	0.0017752%
30731		1,983,586	0.0009760%
30732		1,531,676	0.0007537%
30733		4,670,251	0.0022980%
30734		1,263,471	0.0006217%
30735		2,692,382	0.0013248%
30736		4,084,184	0.0020096%
30737		2,650,651	0.0013042%
30738		1,511,645	0.0007438%
30739		1,834,846	0.0009028%
30740		1,473,385	0.0007250%
30741		1,058,113	0.0005206%
30742		4,250,385	0.0020914%
30743		922,358	0.0004538%
30744		1,184,174	0.0005827%
30745		3,223,147	0.0015859%
30746		1,817,468	0.0008943%
30747		1,258,564	0.0006193%
30748		800,078	0.0003937%
30749		2,066,967	0.0010170%



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30750	\$ 2,021,051	0.0009944%
30751	18,456,783	0.0090815%
30752	840,733	0.0004137%
30753	891,380	0.0004386%
30754	746,129	0.0003671%
30755	1,385,935	0.0006819%
30756	4,391,285	0.0021607%
30757	1,038,229	0.0005109%
30758	2,631,630	0.0012949%
30759	1,123,311	0.0005527%
30760	1,775,718	0.0008737%
30761	1,841,110	0.0009059%
30762	1,597,260	0.0007859%
30763	1,834,257	0.0009025%
30764	2,068,559	0.0010178%
30765	2,332,457	0.0011477%
30766	1,048,479	0.0005159%
30767	1,627,954	0.0008010%
30768	7,279,236	0.0035817%
30769	3,505,248	0.0017247%
30770	305,466	0.0001503%
30771	644,042	0.0003169%
30772	1,676,745	0.0008250%
30773	1,043,660	0.0005135%
30774	1,956,330	0.0009626%
30775	1,750,900	0.0008615%
30776	4,280,790	0.0021063%
30777	1,687,991	0.0008306%
30778	1,606,407	0.0007904%
30779	39,771,975	0.0195695%
30780	2,391,858	0.0011769%
30781	781,962	0.0003848%
30782	2,448,680	0.0012049%
30783	1,396,208	0.0006870%
30784	1,829,750	0.0009003%
30785	7,493,000	0.0036869%
30786	1,407,226	0.0006924%
30788	2,354,110	0.0011583%
30789	1,398,579	0.0006882%
30790	5,338,993	0.0026270%
30791	3,015,608	0.0014838%
30792	1,554,251	0.0007648%
30793	1,135,513	0.0005587%
30794	2,620,874	0.0012896%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30795	\$	4,699,406	0.0023123%
30796		799,822	0.0003935%
30797		2,493,884	0.0012271%
30798		369,457	0.0001818%
30799		2,389,293	0.0011756%
30800		2,633,635	0.0012959%
30801		4,737,967	0.0023313%
30802		1,325,456	0.0006522%
30803		1,894,519	0.0009322%
30804		2,906,931	0.0014303%
30805		868,097	0.0004271%
30806		1,215,960	0.0005983%
30807		841,083	0.0004138%
30808		1,744,655	0.0008584%
30809		1,296,877	0.0006381%
30810		1,322,205	0.0006506%
30811		974,252	0.0004794%
30812		2,450,124	0.0012056%
30813		1,304,734	0.0006420%
30815		927,498	0.0004564%
30816		1,551,918	0.0007636%
30819		3,234,612	0.0015916%
30820		560,384	0.0002757%
30821		1,365,024	0.0006717%
30822		1,432,505	0.0007049%
30823		1,073,957	0.0005284%
30824		839,644	0.0004131%
30825		512,364	0.0002521%
30826		2,173,432	0.0010694%
30827		736,842	0.0003626%
30828		2,233,100	0.0010988%
30829		1,581,793	0.0007783%
30830		1,516,738	0.0007463%
30833		1,521,688	0.0007487%
30834		794,463	0.0003909%
30835		2,852,268	0.0014034%
30837		1,910,582	0.0009401%
30838		1,945,523	0.0009573%
30839		549,057	0.0002702%
30840		995,866	0.0004900%
30841		2,050,731	0.0010090%
30842		1,016,133	0.0005000%
30843		3,265,474	0.0016068%
30845		1,270,856	0.0006253%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30846	\$	1,798,782	0.0008851%
30847		67,698	0.0000333%
30848		2,796,143	0.0013758%
30849		363,622	0.0001789%
30850		690,901	0.0003400%
30851		861,624	0.0004240%
30852		2,503,787	0.0012320%
30853		1,014,607	0.0004992%
30854		926,312	0.0004558%
30855		1,690,458	0.0008318%
30858		1,239,012	0.0006096%
30859		1,554,289	0.0007648%
30860		2,470,947	0.0012158%
30861		1,050,504	0.0005169%
30862		1,280,198	0.0006299%
30863		1,088,430	0.0005356%
30864		1,718,178	0.0008454%
30865		1,532,909	0.0007543%
30867		2,231,556	0.0010980%
30869		1,821,460	0.0008962%
30870		3,004,850	0.0014785%
30871		982,704	0.0004835%
30872		3,095,613	0.0015232%
30873		749,096	0.0003686%
30874		1,711,498	0.0008421%
30875		1,001,070	0.0004926%
30877		1,677,185	0.0008252%
30878		1,281,935	0.0006308%
30879		838,388	0.0004125%
30880		2,315,659	0.0011394%
30881		2,435,241	0.0011982%
30882		1,652,150	0.0008129%
30883		748,468	0.0003683%
30884		616,006	0.0003031%
30885		643,678	0.0003167%
30886		948,388	0.0004666%
30887		1,325,966	0.0006524%
30888		649,128	0.0003194%
30889		1,985,908	0.0009772%
30890		1,034,876	0.0005092%
30891		2,032,251	0.0010000%
30892		1,936,081	0.0009526%
30893		2,248,636	0.0011064%
30894		565,584	0.0002783%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
30895	\$	1,891,782	0.0009308%
30896		1,722,087	0.0008473%
30897		1,563,992	0.0007696%
30898		2,051,575	0.0010095%
30900		773,621	0.0003807%
30901		1,580,950	0.0007779%
30903		944,938	0.0004650%
30904		1,913,911	0.0009417%
30906		1,406,558	0.0006921%
30907		346,352	0.0001704%
30908		1,074,888	0.0005289%
30909		1,053,029	0.0005181%
30910		289,473	0.0001424%
30911		781,980	0.0003848%
30912		1,387,530	0.0006827%
30914		2,535,183	0.0012474%
30915		1,021,660	0.0005027%
30916		1,111,485	0.0005469%
30917		2,361,438	0.0011619%
30918		789,778	0.0003886%
30919		1,801,869	0.0008866%
30920		2,645,910	0.0013019%
30924		1,112,136	0.0005472%
30926		1,179,439	0.0005803%
30927		833,779	0.0004103%
30930		2,662,962	0.0013103%
30932		2,094,890	0.0010308%
30933		456,874	0.0002248%
30934		867,031	0.0004266%
30935		1,665,929	0.0008197%
30936		2,832,610	0.0013938%
30937		3,876,556	0.0019074%
30939		1,011,545	0.0004977%
30940		645,857	0.0003178%
40001		4,738,500	0.0023315%
40002		21,740,658	0.0106973%
40003		93,628,196	0.0460691%
40004		15,356,990	0.0075563%
40005		12,786,575	0.0062915%
40006		9,977,194	0.0049092%
40007		9,257,351	0.0045550%
40008		11,889,979	0.0058504%
40009		112,165,111	0.0551901%
40010		30,559,449	0.0150366%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40011	\$ 4,137,732	0.0020359%
40012	15,906,893	0.0078269%
40013	23,016,615	0.0113252%
40014	6,289,501	0.0030947%
40015	43,073,061	0.0211938%
40016	87,822,208	0.0432123%
40017	141,833,431	0.0697882%
40018	9,601,262	0.0047242%
40019	20,334,145	0.0100053%
40020	20,853,399	0.0102608%
40021	8,183,924	0.0040268%
40022	—	—
40024	7,627,800	0.0037532%
40025	100,503,598	0.0494521%
40026	9,181,572	0.0045177%
40027	35,454,979	0.0174454%
40028	31,278,522	0.0153904%
40029	635,228	0.0003126%
40030	4,823,704	0.0023735%
40031	54,028,365	0.0265843%
40032	33,849,435	0.0166554%
40033	19,773,168	0.0097293%
40034	19,913,581	0.0097983%
40036	26,730,423	0.0131525%
40037	4,086,716	0.0020108%
40038	3,792,872	0.0018663%
40039	36,701,986	0.0180590%
40040	17,871,533	0.0087936%
40041	6,878,715	0.0033846%
40042	576,820	0.0002838%
40043	9,655,405	0.0047509%
40044	28,042,760	0.0137982%
40045	23,813,200	0.0117171%
40046	8,262,769	0.0040656%
40048	15,110,151	0.0074348%
40049	13,532,619	0.0066586%
40050	56,528,995	0.0278147%
40051	23,466,484	0.0115465%
40052	9,342,561	0.0045969%
40053	2,159,608	0.0010626%
40054	21,298,487	0.0104798%
40055	3,946,187	0.0019417%
40056	4,616,549	0.0022715%
40057	13,264,800	0.0065269%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40058	\$	8,608,450	0.0042357%
40059		4,077,164	0.0020061%
40060		16,091,405	0.0079177%
40061		18,880,642	0.0092901%
40062		7,578,961	0.0037292%
40063		22,374,741	0.0110093%
40064		23,357,393	0.0114928%
40065		39,998,121	0.0196808%
40066		23,670,507	0.0116469%
40067		4,842,600	0.0023828%
40068		10,577,831	0.0052047%
40069		11,231,719	0.0055265%
40070		23,137,999	0.0113849%
40071		7,163,291	0.0035246%
40072		1,501,384	0.0007387%
40073		3,436,857	0.0016911%
40074		16,337,795	0.0080389%
40075		110,561,856	0.0544012%
40076		12,280,299	0.0060424%
40077		2,722,426	0.0013396%
40078		14,274,565	0.0070237%
40079		2,225,713	0.0010951%
40080		16,212,800	0.0079774%
40081		4,488,040	0.0022083%
40082		22,774,390	0.0112060%
40083		2,549,004	0.0012542%
40084		17,786,513	0.0087517%
40085		18,402,965	0.0090551%
40086		3,192,952	0.0015711%
40087		52,611,759	0.0258873%
40088		1,348,179	0.0006634%
40089		6,069,865	0.0029866%
40090		33,027,554	0.0162510%
40091		17,944,736	0.0088296%
40092		12,428,387	0.0061153%
40093		229,209	0.0001128%
40094		381,016	0.0001875%
40095		13,205,997	0.0064979%
40096		27,361,791	0.0134632%
40097		24,532,075	0.0120708%
40098		71,477,202	0.0351699%
40099		9,176,364	0.0045152%
40103		31,342,550	0.0154219%
40104		26,757,309	0.0131658%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40105	\$	18,551,835	0.0091283%
40106		17,068,344	0.0083984%
40108		2,781,307	0.0013685%
40109		26,591,783	0.0130843%
40110		6,284,277	0.0030921%
40111		5,123,251	0.0025209%
40112		13,897,072	0.0068380%
40113		1,010,589	0.0004973%
40114		4,389,326	0.0021597%
40115		3,050,336	0.0015009%
40117		523,102	0.0002574%
40118		5,315,360	0.0026154%
40119		2,861,865	0.0014082%
40120		13,668,883	0.0067257%
40121		9,574,560	0.0047111%
40122		6,116,591	0.0030096%
40123		7,560,625	0.0037202%
40124		1,531,436	0.0007535%
40125		14,755,200	0.0072602%
40126		2,088,332	0.0010275%
40127		2,101,892	0.0010342%
40128		6,811,340	0.0033515%
40129		2,204,165	0.0010845%
40130		3,744,894	0.0018426%
40131		804,747	0.0003960%
40132		2,391,385	0.0011767%
40133		5,712,128	0.0028106%
40134		9,327,645	0.0045896%
40136		1,607,452	0.0007909%
40137		1,944,875	0.0009570%
40138		1,330,782	0.0006548%
40139		8,032,677	0.0039524%
40140		3,241,390	0.0015949%
40141		4,685,835	0.0023056%
40142		912,068	0.0004488%
40143		10,380,303	0.0051076%
40144		3,914,228	0.0019260%
40145		1,245,096	0.0006126%
40146		2,637,118	0.0012976%
40147		417,027	0.0002052%
40148		3,034,907	0.0014933%
40149		8,356,604	0.0041118%
40150		2,148,458	0.0010571%
40151		6,180,125	0.0030409%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40152	\$	3,710,961	0.0018260%
40153		843,960	0.0004153%
40154		1,828,878	0.0008999%
40155		1,554,141	0.0007647%
40156		736,662	0.0003625%
40157		4,820,949	0.0023721%
40158		3,598,026	0.0017704%
40159		1,919,349	0.0009444%
40160		3,174,971	0.0015622%
40161		3,969,696	0.0019533%
40162		4,163,426	0.0020486%
40163		5,205,420	0.0025613%
40164		1,406,473	0.0006920%
40165		11,717,071	0.0057653%
40166		5,014,232	0.0024672%
40167		3,020,103	0.0014860%
40168		6,257,589	0.0030790%
40169		632,534	0.0003112%
40170		4,703,766	0.0023145%
40171		3,675,685	0.0018086%
40172		2,984,287	0.0014684%
40174		38,984,786	0.0191822%
40175		971,299	0.0004779%
40176		7,910,592	0.0038924%
40177		5,588,134	0.0027496%
40178		4,538,388	0.0022331%
40179		2,259,974	0.0011120%
40180		12,383,715	0.0060933%
40182		7,901,774	0.0038880%
40183		5,263,254	0.0025897%
40184		3,370,573	0.0016585%
40185		2,351,113	0.0011568%
40186		6,261,702	0.0030810%
40187		1,223,978	0.0006023%
40188		2,592,043	0.0012754%
40190		2,455,956	0.0012084%
40191		2,928,102	0.0014408%
40192		3,365,426	0.0016559%
40193		4,994,938	0.0024577%
40194		7,372,034	0.0036274%
40195		3,778,657	0.0018593%
40196		822,040	0.0004045%
40197		1,195,684	0.0005883%
40198		956,900	0.0004708%



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40199	\$	6,527,575	0.0032118%
40200		3,046,969	0.0014992%
40201		3,808,943	0.0018742%
40202		10,474,637	0.0051540%
40203		2,207,390	0.0010861%
40204		5,482,737	0.0026977%
40205		2,776,441	0.0013661%
40206		1,978,709	0.0009736%
40207		5,234,375	0.0025755%
40209		—	—
40210		3,249,389	0.0015988%
40211		6,825,448	0.0033584%
40212		1,362,994	0.0006707%
40213		267,794	0.0001318%
40214		2,141,952	0.0010539%
40215		6,059,441	0.0029815%
40216		15,417,928	0.0075863%
40217		7,933,515	0.0039036%
40218		19,445,359	0.0095680%
40219		1,348,275	0.0006634%
40220		269,252	0.0001325%
40221		3,603,422	0.0017730%
40222		1,759,444	0.0008657%
40223		431,486	0.0002123%
40224		2,677,464	0.0013174%
40225		1,942,703	0.0009559%
40226		874,445	0.0004303%
40227		4,222,557	0.0020777%
40228		4,653,567	0.0022898%
40229		2,962,584	0.0014577%
40230		2,906,263	0.0014300%
40231		5,349,690	0.0026323%
40232		6,254,473	0.0030775%
40233		4,169,550	0.0020516%
40234		2,818,138	0.0013866%
40235		2,981,644	0.0014671%
40236		—	—
40237		15,440,686	0.0075975%
40238		3,242,213	0.0015953%
40240		2,349,202	0.0011559%
40241		6,780,927	0.0033365%
40242		2,491,466	0.0012259%
40243		8,528,788	0.0041965%
40244		975,151	0.0004798%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40245	\$	12,462,536	0.0061321%
40246		1,968,939	0.0009688%
40247		8,313,137	0.0040904%
40248		7,266,916	0.0035756%
40249		4,312,650	0.0021220%
40250		5,403,462	0.0026587%
40251		2,528,520	0.0012441%
40252		48,269,766	0.0237508%
40253		5,597,045	0.0027540%
40254		14,771,826	0.0072684%
40255		1,240,709	0.0006105%
40257		16,335,084	0.0080376%
40258		4,157,601	0.0020457%
40259		9,870,800	0.0048569%
40260		4,089,399	0.0020122%
40261		10,289,482	0.0050629%
40262		4,348,619	0.0021397%
40263		2,642,106	0.0013000%
40264		8,625,736	0.0042442%
40265		2,457,048	0.0012090%
40266		8,777,488	0.0043189%
40267		14,084,629	0.0069302%
40268		10,789,326	0.0053088%
40269		2,407,121	0.0011844%
40270		3,154,866	0.0015523%
40271		2,442,542	0.0012018%
40272		1,501,989	0.0007390%
40274		4,184,741	0.0020591%
40275		832,911	0.0004098%
40276		84,773	0.0000417%
40277		5,106,126	0.0025124%
40278		3,987,494	0.0019620%
40279		2,157,705	0.0010617%
40280		2,377,343	0.0011698%
40281		7,712,567	0.0037949%
40282		2,034,849	0.0010012%
40283		9,992,148	0.0049166%
40284		1,798,104	0.0008847%
40285		3,522,513	0.0017332%
40286		2,113,644	0.0010400%
40287		158,416	0.0000779%
40290		10,218,664	0.0050280%
40291		2,194,821	0.0010799%
40292		6,488,372	0.0031926%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40293	\$	4,624,776	0.0022756%
40294		848,369	0.0004174%
40295		6,785,330	0.0033387%
40296		1,203,133	0.0005920%
40297		1,484,441	0.0007304%
40299		4,072,720	0.0020040%
40300		2,962,257	0.0014576%
40301		2,971,773	0.0014622%
40302		17,485,845	0.0086038%
40303		2,461,829	0.0012113%
40304		—	—
40305		1,968,976	0.0009688%
40306		1,554,934	0.0007651%
40307		1,251,213	0.0006157%
40308		2,394,254	0.0011781%
40309		1,823,380	0.0008972%
40310		1,390,469	0.0006842%
40311		1,692,013	0.0008325%
40312		1,145,339	0.0005636%
40313		2,405,756	0.0011837%
40314		2,625,031	0.0012916%
40315		2,266,677	0.0011153%
40318		1,579,255	0.0007771%
40319		1,686,977	0.0008301%
40320		2,280,084	0.0011219%
40321		3,743,897	0.0018422%
40322		7,873,525	0.0038741%
40323		4,638,662	0.0022824%
40324		1,722,626	0.0008476%
40325		21,190	0.0000104%
40326		4,937,827	0.0024296%
40327		2,443,261	0.0012022%
40328		3,421,995	0.0016838%
40329		1,156,914	0.0005693%
40330		6,354,794	0.0031268%
40331		664,241	0.0003268%
40332		4,070,486	0.0020029%
40333		3,510,178	0.0017272%
40334		919,690	0.0004525%
40335		8,265,933	0.0040672%
40336		17,364,523	0.0085441%
40338		5,475,248	0.0026941%
40339		6,956,835	0.0034231%
40340		8,319,304	0.0040935%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40341	\$	582,449	0.0002866%
40342		745,995	0.0003671%
40343		4,262,943	0.0020976%
40344		565,591	0.0002783%
40346		2,589,253	0.0012740%
40349		4,425,530	0.0021776%
40350		534,198	0.0002628%
40351		1,156,104	0.0005689%
40352		1,291,405	0.0006354%
40353		505,974	0.0002490%
40355		1,165,727	0.0005736%
40356		3,779,444	0.0018596%
40357		3,021,833	0.0014869%
40358		281,461	0.0001385%
40359		263,900	0.0001299%
40360		1,276,131	0.0006279%
40361		663,406	0.0003264%
40362		733,439	0.0003609%
40363		2,926,339	0.0014399%
40364		2,275,966	0.0011199%
40366		2,939,626	0.0014464%
40367		416,435	0.0002049%
40368		4,517,033	0.0022226%
40369		7,785,512	0.0038308%
40370		4,278,805	0.0021054%
40371		1,276,487	0.0006281%
40372		8,129,204	0.0039999%
40373		5,851,956	0.0028794%
40374		695,865	0.0003424%
40375		5,492,118	0.0027024%
40376		12,073,158	0.0059405%
40377		938,718	0.0004619%
40378		2,986,229	0.0014694%
40379		8,015,712	0.0039441%
40380		3,494,141	0.0017193%
40381		5,906,481	0.0029062%
40382		4,319	0.0000021%
40383		331,941	0.0001633%
40384		5,878,886	0.0028927%
40385		2,667,649	0.0013126%
40386		6,351,780	0.0031253%
40388		1,945,971	0.0009575%
40389		2,041,400	0.0010045%
40390		1,412,968	0.0006952%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40391	\$ 1,130,571	0.0005563%
40392	1,787,142	0.0008794%
40393	330,071	0.0001624%
40394	342,788	0.0001687%
40395	3,075,045	0.0015131%
40396	1,971,893	0.0009703%
40397	1,090,486	0.0005366%
40398	4,700,517	0.0023129%
40399	242,215	0.0001192%
40400	722,847	0.0003557%
40401	25,925,317	0.0127564%
40402	2,316,764	0.0011399%
40403	5,870,042	0.0028883%
40404	7,738,099	0.0038075%
40405	2,979,457	0.0014660%
40406	520,918	0.0002563%
40407	2,204,844	0.0010849%
40409	2,370,251	0.0011663%
40411	4,945,113	0.0024332%
40412	374,604	0.0001843%
40413	1,215,904	0.0005983%
40416	1,975,501	0.0009720%
40417	444,580	0.0002188%
40418	1,090,066	0.0005364%
40419	2,264,917	0.0011144%
40420	1,070,266	0.0005266%
40421	1,121,599	0.0005519%
40422	—	—
40423	1,196,660	0.0005888%
40424	153,621	0.0000756%
40425	—	—
40426	879,054	0.0004325%
40427	610,180	0.0003002%
40428	3,371,782	0.0016591%
40430	1,921,331	0.0009454%
40431	—	—
40432	616,613	0.0003034%
40433	1,128,436	0.0005552%
40434	1,346,570	0.0006626%
40435	744,264	0.0003662%
40436	969,677	0.0004771%
40437	2,002,203	0.0009852%
40438	2,313,821	0.0011385%
40439	3,725,148	0.0018329%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40440	\$	811,222	0.0003992%
40441		1,560,522	0.0007678%
40442		510,120	0.0002510%
40443		983,006	0.0004837%
40444		1,284,831	0.0006322%
40445		1,027,049	0.0005054%
40446		2,194,205	0.0010796%
40447		15,652,137	0.0077015%
40448		546,209	0.0002688%
40449		1,103,544	0.0005430%
40450		865,686	0.0004260%
40451		605,398	0.0002979%
40452		2,590,076	0.0012744%
40453		1,633,586	0.0008038%
40454		12,438,607	0.0061203%
40455		444,657	0.0002188%
40456		9,159,766	0.0045070%
40457		17,254,427	0.0084899%
40458		78,039	0.0000384%
40459		262,371	0.0001291%
40460		779,326	0.0003835%
40461		43,361	0.0000213%
40462		848,278	0.0004174%
40464		1,471,286	0.0007239%
40465		1,312,569	0.0006458%
40467		1,219,533	0.0006001%
40468		2,142,392	0.0010541%
40470		3,150,650	0.0015503%
40471		675,483	0.0003324%
40472		356,544	0.0001754%
40473		384,074	0.0001890%
40474		2,023,523	0.0009957%
40475		203,846	0.0001003%
40476		607,686	0.0002990%
40477		199,719	0.0000983%
40479		24,520,034	0.0120649%
40480		1,018,495	0.0005011%
40481		969,147	0.0004769%
40482		120,665	0.0000594%
40483		785,202	0.0003864%
40484		1,565,133	0.0007701%
40486		1,430,530	0.0007039%
40489		94,978	0.0000467%
40492		358,774	0.0001765%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40494	\$ 1,443,729	0.0007104%
40498	1,710,832	0.0008418%
40503	946,935	0.0004659%
40510	1,560,015	0.0007676%
40520	1,644,468	0.0008091%
40524	239,010	0.0001176%
40525	—	—
40528	1,367,682	0.0006730%
40529	4,178,843	0.0020562%
40532	4,082,995	0.0020090%
40533	22,826	0.0000112%
40536	60,431	0.0000297%
40537	10,061	0.0000050%
40540	1,298,119	0.0006387%
40544	2,775,412	0.0013656%
40545	955,960	0.0004704%
40551	638,741	0.0003143%
40552	96,612	0.0000475%
40553	265,678	0.0001307%
40561	1,434,714	0.0007059%
40562	18,903,670	0.0093014%
40563	536,817	0.0002641%
40564	898,331	0.0004420%
40566	209,578	0.0001031%
40567	473,334	0.0002329%
40570	798,134	0.0003927%
40571	524,577	0.0002581%
40574	879,996	0.0004330%
40575	1,193,560	0.0005873%
40576	2,328,342	0.0011456%
40577	1,410,133	0.0006938%
40578	2,782,049	0.0013689%
40579	2,217,363	0.0010910%
40580	4,791,911	0.0023578%
40581	17,147,500	0.0084373%
40582	615,530	0.0003029%
40583	1,047,952	0.0005156%
50008	8,145,448	0.0040079%
50021	80,395,597	0.0395581%
50023	2,632,959,506	1.2955297%
50029	4,153,042	0.0020435%
50034	14,981,592	0.0073716%
50035	6,437,480	0.0031675%
50040	2,615,642	0.0012870%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
50056	\$ 8,075,749	0.0039736%
50061	9,712,667	0.0047791%
50064	1,086,466,239	0.5345883%
50065	3,505,262	0.0017247%
50083	918,856,179	0.4521169%
50087	457,507,480	0.2251134%
50089	425,442,717	0.2093362%
50097	1,040,291	0.0005119%
50098	6,411,848	0.0031549%
50099	20,555,610	0.0101142%
50100	6,904,853	0.0033975%
50101	2,225,586	0.0010951%
50108	20,239,265	0.0099586%
50117	1,149,916	0.0005658%
50122	81,256,916	0.0399819%
50123	10,051,675	0.0049459%
50128	23,978,607	0.0117985%
50130	—	—
50132	6,222,946	0.0030620%
50134	—	—
50138	4,205,803	0.0020694%
50140	45,000,147	0.0221420%
50141	6,371,018	0.0031348%
50143	32,195,794	0.0158417%
50148	8,944,512	0.0044011%
50151	2,035,771	0.0010017%
50152	8,532,189	0.0041982%
50163	10,540,217	0.0051862%
50169	3,387,831	0.0016670%
50178	3,845,310	0.0018921%
50191	11,656,509	0.0057355%
50196	7,526,501	0.0037034%
50198	121,436,595	0.0597520%
50200	47,746,868	0.0234935%
50201	9,235,730	0.0045444%
50205	50,668,592	0.0249311%
50207	7,968,908	0.0039210%
50208	5,685,184	0.0027974%
50209	612,239	0.0003012%
50217	8,429,937	0.0041479%
50222	3,199,287	0.0015742%
50223	412,597	0.0002030%
50225	3,897,591	0.0019178%
50228	1,339,478	0.0006591%



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
50229	\$	3,767,841	0.0018539%
50230		34,936,865	0.0171904%
50231		8,968,202	0.0044127%
50235		793,650	0.0003905%
50241		6,177,663	0.0030397%
50244		7,824,582	0.0038500%
50245		29,796,992	0.0146614%
50250		7,129,259	0.0035079%
50252		361,518	0.0001779%
50255		157,174	0.0000773%
50256		1,363,897	0.0006711%
50258		11,667,638	0.0057410%
50260		3,322,970	0.0016350%
50261		295,372	0.0001453%
50264		8,182,874	0.0040263%
50272		8,081,360	0.0039764%
50279		30,301,963	0.0149099%
50280		6,749,523	0.0033211%
50292		11,443,786	0.0056308%
50296		4,569,483	0.0022484%
50304		318,556	0.0001567%
50318		10,621,695	0.0052263%
50319		16,082,701	0.0079134%
50321		3,620,894	0.0017816%
50326		5,245,278	0.0025809%
50340		22,936,214	0.0112856%
50363		2,593,912	0.0012763%
50370		1,356,377	0.0006674%
50372		8,928,344	0.0043931%
50376		6,191,785	0.0030466%
50377		7,869,899	0.0038723%
50379		5,940,180	0.0029228%
50393		7,139,097	0.0035127%
50395		4,452,148	0.0021906%
50410		48,707,119	0.0239660%
50411		3,417,462	0.0016815%
50412		5,167,350	0.0025426%
50413		18,148,532	0.0089299%
50416		1,303,167	0.0006412%
50419		1,875,304	0.0009227%
50420		127,708	0.0000628%
50421		3,044,331	0.0014979%
50424		474,335,200	0.2333934%
50425		889,751,630	0.4377962%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
50430	\$ 26,597,979	0.0130874%
50439	21,298,314	0.0104797%
50442	12,697,038	0.0062475%
50455	9,626,137	0.0047365%
50462	2,661,402	0.0013095%
50470	8,961,382	0.0044094%
50471	2,364,224	0.0011633%
50474	2,749,608	0.0013529%
50501	11,035,361	0.0054299%
50506	18,525,516	0.0091154%
50508	319,341,627	0.1571299%
50514	5,920,537	0.0029132%
50528	9,826,045	0.0048348%
50533	1,665,701	0.0008196%
50539	2,877,026	0.0014156%
50546	18,618,954	0.0091613%
50555	14,316,579	0.0070444%
50561	6,211,141	0.0030561%
50563	13,757,286	0.0067692%
50580	4,118,361	0.0020264%
50586	4,075,403	0.0020053%
50588	12,220,562	0.0060130%
50593	1,603,100	0.0007888%
50597	4,367,781	0.0021491%
50603	37,073	0.0000182%
50604	—	—
50614	46,976,307	0.0231144%
50615	5,344,379	0.0026297%
50618	7,096,059	0.0034916%
50626	1,068,455,620	0.5257263%
50627	3,239,866	0.0015942%
50629	112,807,951	0.0555064%
50638	17,881,503	0.0087985%
50644	10,476,117	0.0051547%
50671	10,800,508	0.0053143%
50690	13,380,292	0.0065837%
50698	24,142,495	0.0118791%
50702	3,015,658	0.0014838%
50704	4,009,502	0.0019728%
50705	4,535,628	0.0022317%
50706	13,042,530	0.0064175%
50707	1,415,398	0.0006964%
50708	11,697,505	0.0057557%
50709	1,849,359	0.0009100%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
50711	\$ 9,563,806	0.0047058%
50712	185,118,931	0.0910865%
50713	6,169,598	0.0030357%
50715	4,648,918	0.0022875%
50716	2,368,960	0.0011656%
50717	2,000,603	0.0009844%
50720	3,594,232	0.0017685%
50722	29,871,175	0.0146979%
50724	6,514,254	0.0032053%
50725	1,519,424	0.0007476%
50726	8,615,225	0.0042391%
50727	3,706,927	0.0018240%
50728	12,465,351	0.0061335%
50729	14,670,116	0.0072183%
50730	1,312,124	0.0006456%
50731	1,818,621	0.0008948%
50732	4,977,810	0.0024493%
50733	6,376,754	0.0031376%
50738	2,946,738	0.0014499%
50740	1,749,204	0.0008607%
50742	65,174,171	0.0320685%
50743	4,636,081	0.0022812%
50748	2,612,742	0.0012856%
50752	3,014,483	0.0014833%
50755	187,804,393	0.0924079%
50756	568,769	0.0002799%
50761	55,319,114	0.0272194%
50764	2,437,841	0.0011995%
50766	87,516,258	0.0430618%
50767	10,849,959	0.0053386%
50768	13,573,793	0.0066789%
50772	117,449,425	0.0577902%
50773	7,570,625	0.0037251%
50775	4,672,986	0.0022993%
50776	12,843,586	0.0063196%
50777	334,399,037	0.1645388%
50778	9,698,151	0.0047719%
50780	5,713,045	0.0028111%
50781	9,192,257	0.0045230%
50782	5,815,592	0.0028615%
50784	13,935,679	0.0068570%
50785	43,650,867	0.0214781%
50786	2,182	0.0000011%
50788	10,662,135	0.0052462%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
50789	\$ 20,526,238	0.0100998%
50790	8,601,378	0.0042322%
50791	2,413,139	0.0011874%
50792	2,771,227	0.0013636%
50793	6,757,842	0.0033252%
50795	60,499,485	0.0297684%
50796	4,500,554	0.0022145%
50797	6,511,255	0.0032038%
50798	6,170,583	0.0030362%
50800	9,246,730	0.0045498%
50801	4,443,903	0.0021866%
50803	8,834,033	0.0043467%
50804	52,585,872	0.0258745%
50805	3,230,923	0.0015898%
50806	19,512,663	0.0096011%
50808	5,928,239	0.0029169%
50809	62,404,681	0.0307058%
50813	3,956,244	0.0019466%
50814	186,486,861	0.0917596%
50816	2,169,645	0.0010676%
50817	9,999,644	0.0049203%
50818	217,966,035	0.1072487%
50819	7,253,861	0.0035692%
50820	16,834,913	0.0082835%
50821	120,737,795	0.0594082%
50822	12,121,349	0.0059642%
50823	24,257,890	0.0119359%
50827	26,323,033	0.0129521%
50829	12,745,372	0.0062713%
50832	3,406,906	0.0016763%
50835	1,073,079	0.0005280%
50837	124,749,122	0.0613820%
50839	209,286,287	0.1029779%
50842	1,233,283	0.0006068%
50843	165,377,663	0.0813729%
50845	18,155,190	0.0089331%
50847	105,008,603	0.0516688%
50850	5,058,945	0.0024892%
50851	1,080,431	0.0005316%
50853	101,019,260	0.0497058%
50858	191,486,574	0.0942197%
50860	9,648,031	0.0047472%
50861	13,756,490	0.0067688%
50862	701,963,006	0.3453961%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
50865	\$ 39,166,553	0.0192716%
50869	154,934	0.0000762%
50874	3,171,416	0.0015605%
50876	14,012,978	0.0068950%
50877	87,448,125	0.0430283%
50879	2,869,940	0.0014121%
50880	—	—
50881	47,222,720	0.0232356%
50883	225,223,195	0.1108195%
50884	222,690,225	0.1095732%
50886	2,180,528	0.0010729%
50887	10,918,665	0.0053725%
50888	2,636,298	0.0012972%
50892	125,303	0.0000617%
50893	6,104,428	0.0030036%
50894	3,746,539	0.0018435%
50895	11,007,428	0.0054161%
50897	48,404,665	0.0238172%
50900	—	—
50901	3,164,208	0.0015569%
50902	187,324	0.0000922%
50904	2,916,890	0.0014352%
50905	2,795,290	0.0013754%
50908	53,696,946	0.0264212%
50909	42,748,436	0.0210341%
50911	14,705,652	0.0072358%
50912	2,013,897	0.0009909%
50913	35,969,043	0.0176983%
50915	6,263,621	0.0030820%
50917	12,812,012	0.0063041%
50918	67,880,806	0.0334003%
50919	2,941,153	0.0014472%
50923	462,322,082	0.2274824%
50924	33,519,067	0.0164928%
50925	2,744,906	0.0013506%
50929	2,201,828	0.0010834%
50930	4,992,518	0.0024565%
50931	10,662,786	0.0052466%
50932	37,578,227	0.0184901%
50935	58,235,222	0.0286542%
50936	8,587,243	0.0042253%
50937	65,503,289	0.0322304%
50938	3,131,651	0.0015409%
50939	2,461,588	0.0012112%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
50940	\$	2,834,463	0.0013947%
50941		1,469,018	0.0007228%
50942		3,594,088	0.0017684%
50943		10,783,173	0.0053058%
50944		9,797,165	0.0048206%
50945		54,428,109	0.0267810%
50946		41,601,810	0.0204699%
50948		7,439,631	0.0036606%
50949		190,574,498	0.0937709%
50950		976,151	0.0004803%
50951		132,716,309	0.0653022%
50952		31,659	0.0000156%
50959		1,716,011	0.0008444%
50960		2,279,811	0.0011218%
50963		2,412,109	0.0011869%
50965		59,358	0.0000292%
50967		4,091,157	0.0020130%
50968		22,771,665	0.0112046%
50970		3,551,104	0.0017473%
50971		4,643,213	0.0022847%
50973		37,180,458	0.0182944%
50974		981,847	0.0004831%
50977		23,167,136	0.0113992%
50978		6,284,745	0.0030924%
50979		51,678,174	0.0254279%
50980		2,257,378	0.0011107%
50982		7,404,516	0.0036433%
50983		12,225,627	0.0060155%
50984		4,721,177	0.0023230%
50985		1,806,320	0.0008888%
50986		180,553,542	0.0888401%
50987		5,744,563	0.0028266%
50989		4,271,897	0.0021020%
50992		892,165,948	0.4389842%
50995		543,173	0.0002673%
50996		450,288	0.0002216%
50999		6,089,826	0.0029965%
51000		55,185,198	0.0271535%
51001		4,210,970	0.0020720%
51002		1,146,959	0.0005644%
51003		2,819,906	0.0013875%
51004		12,666,437	0.0062324%
51006		86,340,448	0.0424832%
51008		5,084,847	0.0025020%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
51009	\$	1,914,365	0.0009420%
51011		1,523,210	0.0007495%
51013		2,006,521	0.0009873%
51015		1,883,120	0.0009266%
51017		3,465,593	0.0017052%
51019		7,330,437	0.0036069%
51020		5,594,095	0.0027525%
51021		8,918,264	0.0043882%
51022		1,847,151	0.0009089%
51024		3,096,127	0.0015234%
51026		2,788,950	0.0013723%
51028		4,514,430	0.0022213%
51029		878,457	0.0004322%
51030		3,643,932	0.0017930%
51031		81,279,332	0.0399929%
51032		5,770,256	0.0028392%
51033		11,674,160	0.0057442%
51034		4,332,865	0.0021320%
51036		2,561,438	0.0012603%
51037		1,358,320	0.0006684%
51038		1,498,386	0.0007373%
51040		80,456	0.0000396%
51041		3,916,571	0.0019271%
51042		2,471,152	0.0012159%
51043		2,718,695	0.0013377%
51044		8,520,897	0.0041926%
51045		1,948,281	0.0009586%
51046		713,385	0.0003510%
51048		11,529,479	0.0056730%
51049		36,551,577	0.0179850%
51052		75,672,452	0.0372341%
51055		13,362,529	0.0065749%
51056		3,121,287	0.0015358%
51057		1,615,186	0.0007947%
51059		770,890	0.0003793%
51060		2,218,778	0.0010917%
51061		1,178,187	0.0005797%
51062		1,867,430	0.0009189%
51064		80,733,917	0.0397246%
51065		21,112,524	0.0103883%
51066		218,913	0.0001077%
51067		394,964	0.0001943%
51068		3,648,503	0.0017952%
51070		992,253	0.0004882%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
51072	\$	3,399,787	0.0016728%
51073		1,870,058	0.0009201%
51074		1,621,130	0.0007977%
51075		866,017	0.0004261%
51076		547,136	0.0002692%
51077		4,736,328	0.0023305%
51078		1,498,045	0.0007371%
51079		487,621	0.0002399%
51080		5,990,671	0.0029477%
51081		2,032,954	0.0010003%
51082		7,263,352	0.0035739%
51084		10,458,094	0.0051458%
51085		576,032	0.0002834%
51086		4,878,242	0.0024003%
51087		1,505,457	0.0007407%
51088		535,643	0.0002636%
51093		223,273	0.0001099%
51094		1,144,388	0.0005631%
51095		2,724,608	0.0013406%
51096		430,975	0.0002121%
51098		1,709,773	0.0008413%
51099		951,629	0.0004682%
51100		2,762,555	0.0013593%
51101		2,918,944	0.0014362%
51102		1,086,878	0.0005348%
51103		22,219	0.0000109%
51104		5,859,242	0.0028830%
51105		2,705,565	0.0013313%
51106		3,533,884	0.0017388%
51109		10,715,328	0.0052724%
51110		1,357,230	0.0006678%
51111		10,639,440	0.0052351%
51112		1,599,958	0.0007872%
51114		114,312	0.0000562%
51115		598,590	0.0002945%
51116		68,987,688	0.0339449%
51117		817,629	0.0004023%
51118		2,869,137	0.0014117%
51121		6,334,752	0.0031170%
51122		2,557,110	0.0012582%
51123		264,101	0.0001299%
51124		5,733,194	0.0028210%
51125		2,474,491	0.0012176%
51126		114,067,989	0.0561264%



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
51127	\$ 1,360,270	0.0006693%
51128	11,630,075	0.0057225%
51131	201,401	0.0000991%
51132	628,631	0.0003093%
51134	6,290,557	0.0030952%
51136	1,015,121	0.0004995%
51137	1,091,013	0.0005368%
51138	473,030	0.0002328%
51140	181,964	0.0000895%
51142	31,271,399	0.0153869%
51143	4,637,856	0.0022820%
51145	24,637,939	0.0121229%
51146	105,237,973	0.0517816%
51147	1,454,450	0.0007157%
51149	14,209,866	0.0069919%
51150	1,738,363	0.0008553%
51151	5,137,421	0.0025278%
51152	543,647	0.0002675%
51153	5,536,139	0.0027240%
51154	1,516,203	0.0007460%
51155	37,547,934	0.0184752%
51156	2,179,530	0.0010724%
51158	7,896,008	0.0038852%
51159	1,054,139	0.0005187%
51161	11,581,908	0.0056988%
51163	2,596,410	0.0012775%
51165	8,553,487	0.0042087%
51166	2,919,784	0.0014367%
51168	3,145,941	0.0015479%
51169	31,123,782	0.0153142%
51170	21,002,908	0.0103343%
51171	3,012,339	0.0014822%
51172	520,593	0.0002562%
51175	21,059,612	0.0103622%
51176	1,823,749	0.0008974%
51177	11,620,814	0.0057179%
51178	221,548	0.0001090%
51179	300,714	0.0001480%
51181	571,616	0.0002813%
51182	6,655,111	0.0032746%
51183	27,298,148	0.0134319%
51184	12,657,015	0.0062278%
51185	16,540,107	0.0081384%
51186	22,210,430	0.0109285%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
51187	\$	12,582,290	0.0061910%
51188		44,372,603	0.0218332%
51189		10,787,037	0.0053077%
51190		9,915,257	0.0048787%
51191		8,874,680	0.0043667%
51192		14,996,667	0.0073790%
51193		29,591,668	0.0145604%
51194		266,179	0.0001310%
51195		6,720,406	0.0033067%
51196		10,122,916	0.0049809%
51197		7,003,167	0.0034459%
51198		8,446,887	0.0041562%
51199		19,978,339	0.0098302%
51200		13,226,101	0.0065078%
51201		10,410,316	0.0051223%
51202		958,067	0.0004714%
51203		25,102,514	0.0123515%
51204		12,978,053	0.0063858%
51205		6,979,787	0.0034344%
51208		13,151,526	0.0064711%
51211		1,924,484	0.0009469%
51212		13,438,508	0.0066123%
51214		1,800,533	0.0008859%
51215		6,528,430	0.0032123%
51216		—	—
51217		37,804,086	0.0186012%
51218		2,412,590	0.0011871%
51219		20,045	0.0000099%
51220		3,126,578	0.0015384%
51221		27,890,061	0.0137231%
51222		3,584,358	0.0017637%
51223		592,652	0.0002916%
51224		3,782,262	0.0018610%
51225		500,057	0.0002460%
51226		277,603	0.0001366%
51227		18,350,211	0.0090291%
51229		9,314,431	0.0045831%
51230		6,530,579	0.0032133%
51231		3,474,235	0.0017095%
51232		16,939,510	0.0083350%
51233		1,737,441	0.0008549%
51234		50,331	0.0000248%
51235		3,754,378	0.0018473%
51236		29,488,950	0.0145098%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
51237	\$ 26,303,109	0.0129423%
51238	446,631	0.0002198%
51239	2,339,518	0.0011511%
51241	9,001,124	0.0044289%
51243	2,284,251	0.0011240%
51244	45,636	0.0000225%
51246	12,439,436	0.0061207%
51247	2,301,343	0.0011324%
51248	352,230	0.0001733%
51249	1,348,755	0.0006636%
51250	355,872	0.0001751%
51251	2,085,026	0.0010259%
51252	4,422,873	0.0021762%
51253	1,511,346	0.0007436%
51254	1,379,501	0.0006788%
51255	3,015,075	0.0014835%
51256	110,061	0.0000542%
51257	1,865,119	0.0009177%
51258	3,603,985	0.0017733%
51259	2,223,477	0.0010940%
51260	169,382,703	0.0833436%
51261	640,089	0.0003150%
51263	1,229,104	0.0006048%
51265	—	—
51266	1,390,315	0.0006841%
51268	11,130,920	0.0054769%
51269	1,858,810	0.0009146%
51270	7,229,754	0.0035574%
51271	15,077,512	0.0074188%
51272	5,173,216	0.0025454%
51273	8,281,671	0.0040749%
51276	1,686,000	0.0008296%
51277	3,985,648	0.0019611%
51278	1,449,623	0.0007133%
51279	9,398,973	0.0046247%
51280	1,511,126	0.0007435%
51282	—	—
51283	11,530,698	0.0056736%
51284	2,110,222	0.0010383%
51285	2,319,884	0.0011415%
51287	8,226,371	0.0040477%
51288	18,845	0.0000093%
51290	2,199,636	0.0010823%
51291	313,537,086	0.1542738%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
51292	\$	9,185,633	0.0045197%
51293		5,647,476	0.0027788%
51295		4,932,335	0.0024269%
51296		2,082,731	0.0010248%
51297		14,730,959	0.0072483%
51299		1,206,298	0.0005936%
51301		773,568	0.0003806%
51302		11,316,852	0.0055684%
51303		1,775,062	0.0008734%
51304		2,969,189	0.0014610%
51305		15,759,416	0.0077543%
51306		592,982	0.0002918%
51307		177,160	0.0000872%
51309		—	—
51310		803,554	0.0003954%
51311		1,695,409	0.0008342%
51312		3,846,921	0.0018929%
51313		2,029,343	0.0009985%
51314		2,807,681	0.0013815%
51315		27,497,959	0.0135302%
51316		15,648,421	0.0076997%
51317		718,444	0.0003535%
51318		6,633,878	0.0032642%
51320		9,294,439	0.0045733%
51321		489,575	0.0002409%
51322		1,412,338	0.0006949%
51323		2,534,851	0.0012473%
51324		936,615	0.0004609%
51325		888,363	0.0004371%
51326		3,097,025	0.0015239%
51327		39,818,298	0.0195923%
51328		2,122,567	0.0010444%
51329		3,543,435	0.0017435%
51330		1,817,075,083	0.8940794%
51331		1,295,591,874	0.6374871%
51332		626,581	0.0003083%
51333		2,228,365	0.0010965%
51335		343,289	0.0001689%
51337		1,660,090	0.0008168%
51338		3,745,426	0.0018429%
51339		784,071	0.0003858%
51340		907,503	0.0004465%
51341		367,836	0.0001810%
51342		209,301	0.0001030%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code	Indexed present value of future compensation	Employer allocation percentage
51343	\$ 1,935,388	0.0009523%
51344	10,268,339	0.0050525%
51345	2,425,201	0.0011933%
51346	1,038,001	0.0005107%
51347	189,780	0.0000934%
51348	2,259,702	0.0011119%
51349	39,074,262	0.0192262%
51350	644,566	0.0003172%
51352	2,614,092	0.0012862%
51353	16,268,088	0.0080046%
51355	5,501,824	0.0027071%
51356	368,704	0.0001814%
51357	994,330	0.0004893%
51358	596,512	0.0002935%
51359	7,994,744	0.0039338%
51360	102,190,379	0.0502821%
51361	1,659,392	0.0008165%
51362	2,255,611	0.0011099%
51363	1,087,308	0.0005350%
51364	1,863,316	0.0009168%
51365	2,222,477	0.0010936%
51366	1,408,189	0.0006929%
51367	937,783	0.0004614%
51368	16,402,108	0.0080705%
51369	2,312,153	0.0011377%
51370	4,276,798	0.0021044%
51371	2,301,698	0.0011325%
51372	1,218,812	0.0005997%
51373	473,428	0.0002329%
51374	1,193,308	0.0005872%
51375	—	—
51376	7,888,456	0.0038815%
51377	1,542,449	0.0007590%
51378	631,254	0.0003106%
51380	599,555	0.0002950%
51381	21,127	0.0000104%
51382	1,444,012,968	0.7105167%
51383	21,225,253	0.0104437%
51384	7,300,934	0.0035924%
51385	3,198,479	0.0015738%
51386	43,924,761	0.0216129%
51387	7,971,105	0.0039221%
51388	9,321,969	0.0045868%
51389	781,823	0.0003847%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code	Indexed present value of future compensation	Employer allocation percentage
51390	\$ 359,342	0.0001768%
51391	5,969,770	0.0029374%
51392	1,941,658	0.0009554%
51393	1,074,449	0.0005287%
51394	419,335	0.0002063%
51396	273,739	0.0001347%
51397	454,765	0.0002238%
51398	3,269,631	0.0016088%
51399	693,421	0.0003412%
51400	5,828,069	0.0028677%
51401	14,074,559	0.0069253%
51402	905,945	0.0004458%
51403	354,148	0.0001743%
51404	2,157,271	0.0010615%
51405	—	—
51406	5,073,847	0.0024966%
51407	32,697,635	0.0160886%
51408	3,700,350	0.0018207%
51410	4,569,221	0.0022483%
51411	101,275	0.0000498%
51412	1,915,704	0.0009426%
51413	450,514	0.0002217%
51414	1,188,099	0.0005846%
51415	359,358	0.0001768%
51416	2,355,425	0.0011590%
51417	2,385,507	0.0011738%
51418	2,303,225	0.0011333%
51419	53,891	0.0000265%
51420	1,641,879,502	0.8078756%
51421	774,713	0.0003812%
51423	6,024,478	0.0029643%
51424	1,930,376	0.0009498%
51425	204,694	0.0001007%
51426	5,627,433	0.0027689%
51427	1,687,513	0.0008303%
51428	7,896,606	0.0038855%
51429	436,790	0.0002149%
51430	953,036	0.0004689%
51431	29,171,803	0.0143538%
51432	695,711	0.0003423%
51433	8,557,864	0.0042108%
51434	1,522,245	0.0007490%
51436	150,530	0.0000741%
51437	1,005,933	0.0004950%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
51438	\$ 112,536,573	0.0553729%
51439	90,596	0.0000446%
51440	1,427,538	0.0007024%
51441	3,608,941	0.0017758%
51442	2,124,222	0.0010452%
51443	1,029,601	0.0005066%
51445	647,869	0.0003188%
51446	23,052	0.0000113%
51447	1,653,243	0.0008135%
51448	885,140	0.0004355%
51449	75,428	0.0000371%
51450	5,187,737	0.0025526%
51451	2,696,009	0.0013266%
51452	821,221	0.0004041%
51453	575,487	0.0002832%
51454	14,447	0.0000071%
51455	1,728,916	0.0008507%
51456	7,617,807	0.0037483%
51457	2,472,482	0.0012166%
51458	2,076,706	0.0010218%
51459	4,195,406	0.0020643%
51460	471,036	0.0002318%
51461	280,287	0.0001379%
51462	6,296,387	0.0030981%
51463	15,377,639	0.0075665%
51464	773,514	0.0003806%
51465	865,408	0.0004258%
51467	2,973,414	0.0014630%
51468	973,851	0.0004792%
51469	3,819,415	0.0018793%
51470	5,840,106	0.0028736%
51471	587,983	0.0002893%
51472	6,187,334	0.0030444%
51473	3,521,823	0.0017329%
51474	10,900,443	0.0053635%
51475	81,271	0.0000400%
51476	3,039,258	0.0014954%
51477	28,878,838	0.0142096%
51478	8,750,613	0.0043057%
51479	16,076	0.0000079%
51480	350,497	0.0001725%
51481	7,217,009	0.0035511%
51482	11,252,089	0.0055365%
51483	590,460	0.0002905%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
51484	\$ 1,194,769	0.0005879%
51485	2,180,746	0.0010730%
51486	28,190	0.0000139%
51487	221,804	0.0001091%
51488	427,316	0.0002103%
51489	—	—
51490	9,707,736	0.0047766%
51491	22,695	0.0000112%
51492	1,940,107	0.0009546%
51493	527,658	0.0002596%
51494	1,208,062	0.0005944%
51495	1,880,237	0.0009252%
51496	558,439	0.0002748%
51497	958,410	0.0004716%
51499	479,542	0.0002360%
51500	1,436,939	0.0007070%
51501	835,342	0.0004110%
51502	380,462	0.0001872%
51503	482,184	0.0002373%
51504	326,303	0.0001606%
51505	272,461	0.0001341%
70001	141,671,221	0.0697084%
70002	29,707,386	0.0146173%
70003	40,283,687	0.0198213%
70004	39,498,802	0.0194351%
70005	39,213,471	0.0192947%
70006	49,664,479	0.0244371%
70007	284,329,995	0.1399026%
70008	54,282,532	0.0267093%
70009	25,109,247	0.0123548%
70010	56,050,096	0.0275791%
70011	30,776,222	0.0151432%
70012	25,113,034	0.0123567%
70013	78,123,712	0.0384402%
70014	42,692,769	0.0210067%
70015	30,658,152	0.0150851%
70016	43,347,315	0.0213287%
70017	27,540,078	0.0135509%
70018	20,348,291	0.0100122%
70019	23,493,128	0.0115596%
70020	29,610,078	0.0145694%
70021	97,283,842	0.0478678%
70022	62,624,156	0.0308138%
70023	16,180,557	0.0079615%



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
70024	\$ 75,560,487	0.0371790%
70025	19,573,928	0.0096312%
70026	15,844,167	0.0077960%
70027	95,699,750	0.0470884%
70028	34,799,361	0.0171228%
70029	14,883,729	0.0073234%
70030	98,567,307	0.0484994%
70031	113,106,385	0.0556532%
70032	143,595,416	0.0706551%
70033	140,669,329	0.0692154%
70035	70,879,104	0.0348756%
70036	36,011,627	0.0177193%
70038	18,695,773	0.0091991%
70039	27,544,962	0.0135533%
70040	24,104,231	0.0118603%
70041	17,122,711	0.0084251%
70042	46,219,562	0.0227420%
70043	22,324,522	0.0109846%
70044	38,808,540	0.0190955%
70045	38,849,732	0.0191157%
70046	16,162,507	0.0079527%
70047	61,022,063	0.0300255%
70048	22,653,332	0.0111464%
70049	100,514,012	0.0494572%
70050	101,104,515	0.0497478%
70051	26,797,017	0.0131853%
70052	308,449,304	0.1517704%
70053	11,841,576	0.0058266%
70054	48,864,068	0.0240432%
70055	91,172,641	0.0448609%
70056	41,469,537	0.0204048%
70057	10,084,977	0.0049622%
70058	91,395,934	0.0449707%
70059	490,142,778	0.2411714%
70060	457,635,252	0.2251763%
70061	49,038,453	0.0241290%
70062	37,853,054	0.0186253%
70100	3,230,966	0.0015898%
70103	101,807,751	0.0500938%
70104	3,272,421	0.0016102%
70106	69,755,492	0.0343227%
70108	91,415,482	0.0449804%
70109	61,834,793	0.0304254%
70110	32,342,501	0.0159139%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<b>Location code</b>	<b>Indexed present value of future compensation</b>	<b>Employer allocation percentage</b>
70111	\$ 21,715,785	0.0106851%
70112	18,794,308	0.0092476%
70201	5,164,130	0.0025410%
70202	3,606,543	0.0017746%
70203	8,678,068	0.0042700%
70205	6,292,374	0.0030961%
70206	5,466,720	0.0026899%
70211	15,458,177	0.0076061%
70212	4,013,890	0.0019750%
70213	11,936,866	0.0058735%
70214	7,046,174	0.0034670%
70215	3,899,708	0.0019188%
70217	13,285,172	0.0065369%
70218	11,929,717	0.0058699%
70303	23,751,983	0.0116870%
70305	8,995,397	0.0044261%
70306	19,269,025	0.0094812%
70307	20,947,808	0.0103072%
70308	40,633,588	0.0199935%
70309	10,868,542	0.0053478%
70311	19,981,291	0.0098317%
70312	38,364,409	0.0188769%
70313	19,772,935	0.0097291%
70314	12,830,324	0.0063131%
70315	28,999,178	0.0142688%
70400	3,896,596	0.0019173%
70401	8,453,656	0.0041596%
70402	14,251,307	0.0070123%
70403	14,387,755	0.0070794%
70404	14,269,003	0.0070210%
70406	16,535,231	0.0081360%
70408	4,623,093	0.0022748%
70409	24,770,660	0.0121882%
70410	12,446,998	0.0061245%
70500	8,873,594	0.0043662%
70501	8,910,875	0.0043845%
70502	13,931,979	0.0068551%
70503	11,249,272	0.0055351%
70505	7,228,379	0.0035567%
70506	8,741,398	0.0043011%
70603	11,343,906	0.0055817%
70604	9,538,008	0.0046931%
70605	8,870,766	0.0043648%
70606	16,196,534	0.0079694%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
70607	\$	13,031,098	0.0064119%
70608		15,277,007	0.0075169%
70609		13,660,798	0.0067217%
70610		6,497,342	0.0031970%
70611		12,228,426	0.0060169%
70612		11,439,011	0.0056285%
70613		8,611,900	0.0042374%
70615		7,449,967	0.0036657%
70616		14,335,955	0.0070539%
70617		5,575,106	0.0027432%
70618		16,034,836	0.0078898%
70619		13,640,141	0.0067115%
70704		8,724,314	0.0042927%
70705		43,586,304	0.0214463%
70801		11,105,726	0.0054645%
70802		12,462,862	0.0061323%
70803		11,961,739	0.0058857%
70804		31,914,308	0.0157032%
70808		13,173,330	0.0064818%
70810		24,526,573	0.0120681%
70812		12,819,756	0.0063079%
70901		26,123,313	0.0128538%
70903		31,986,463	0.0157387%
70904		6,449,633	0.0031735%
70905		19,115,905	0.0094059%
70911		20,433,990	0.0100544%
70913		19,075,486	0.0093860%
70914		13,726,818	0.0067542%
71000		9,902,633	0.0048725%
71001		4,168,340	0.0020510%
71006		23,408,255	0.0115179%
71008		24,865,749	0.0122350%
71009		33,925,211	0.0166927%
71010		8,615,220	0.0042391%
71100		8,189,413	0.0040295%
71101		7,082,902	0.0034851%
71103		20,199,616	0.0099391%
71104		7,035,312	0.0034617%
71201		5,596,904	0.0027539%
71202		6,254,435	0.0030775%
71203		7,508,985	0.0036947%
71204		19,256,605	0.0094751%
71206		13,976,982	0.0068773%
71207		7,246,503	0.0035656%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
71208	\$ 6,650,589	0.0032724%
71209	5,351,176	0.0026330%
71212	4,092,948	0.0020139%
71213	14,398,321	0.0070846%
71214	6,731,733	0.0033123%
71215	1,435,578	0.0007064%
71300	154,411,793	0.0759773%
71301	38,993,167	0.0191863%
71305	19,979,289	0.0098307%
71306	28,247,416	0.0138989%
71308	134,134,026	0.0659997%
71310	13,552,093	0.0066682%
71311	17,789,727	0.0087533%
71312	68,307,531	0.0336103%
71313	23,543,611	0.0115845%
71314	10,530,019	0.0051812%
71315	21,116,155	0.0103901%
71400	21,121,162	0.0103925%
71402	74,064,000	0.0364427%
71403	127,446,182	0.0627090%
71404	18,892,506	0.0092959%
71405	23,326,033	0.0114774%
71413	100,023,580	0.0492159%
71414	10,017,961	0.0049293%
71415	18,649,327	0.0091763%
71416	25,617,686	0.0126050%
71418	50,557,826	0.0248766%
71421	113,605,528	0.0558988%
71424	23,817,516	0.0117192%
71425	10,088,496	0.0049640%
71426	48,810,554	0.0240169%
71427	50,622,403	0.0249084%
71429	10,744,266	0.0052866%
71432	48,944,155	0.0240826%
71433	60,882,603	0.0299569%
71434	41,639,554	0.0204885%
71435	20,377,468	0.0100266%
71437	82,821,343	0.0407517%
71438	20,669,652	0.0101704%
71439	26,728,425	0.0131515%
71440	34,465,410	0.0169585%
71441	35,457,024	0.0174464%
71500	12,990,246	0.0063918%
71501	3,350,277	0.0016485%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
71502	\$	3,767,352	0.0018537%
71503		2,969,064	0.0014609%
71504		3,835,215	0.0018871%
71505		4,271,401	0.0021017%
71510		3,906,048	0.0019219%
71511		2,778,281	0.0013670%
71512		3,876,903	0.0019076%
71513		14,042,494	0.0069095%
71514		9,536,161	0.0046922%
71601		13,160,899	0.0064757%
71603		7,720,260	0.0037987%
71604		32,203,127	0.0158453%
71605		3,671,240	0.0018064%
71606		30,795,441	0.0151527%
71607		19,032,087	0.0093646%
71608		11,005,828	0.0054153%
71700		19,441,140	0.0095659%
71701		11,308,705	0.0055644%
71702		6,971,082	0.0034301%
71704		3,152,767	0.0015513%
71801		11,018,927	0.0054218%
71802		14,172,902	0.0069737%
71803		14,242,297	0.0070078%
71804		12,461,118	0.0061314%
71805		13,822,879	0.0068015%
71806		5,916,444	0.0029111%
71807		13,242,767	0.0065160%
71900		8,040,668	0.0039564%
71902		7,785,202	0.0038307%
71903		15,522,267	0.0076376%
71905		23,481,312	0.0115538%
71906		20,479,041	0.0100766%
71908		18,245,581	0.0089776%
72000		2,692,497	0.0013248%
72001		2,424,198	0.0011928%
72002		3,009,506	0.0014808%
72003		4,586,765	0.0022569%
72004		—	—
72005		526,626	0.0002591%
72101		7,924,535	0.0038992%
72103		8,422,414	0.0041442%
72105		—	—
72106		2,838,612	0.0013967%
72108		10,638,772	0.0052347%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
72109	\$ 9,091,871	0.0044736%
72110	6,033,419	0.0029687%
72111	—	—
72112	7,551,104	0.0037155%
72114	11,649,678	0.0057321%
72201	23,485,324	0.0115558%
72202	6,491,570	0.0031941%
72204	16,335,444	0.0080377%
72208	8,675,919	0.0042689%
72209	62,009,170	0.0305112%
72210	55,151,537	0.0271369%
72211	7,343,114	0.0036131%
72212	4,322,756	0.0021270%
72213	16,102,950	0.0079233%
72302	12,265,715	0.0060353%
72303	19,213,918	0.0094541%
72304	5,274,182	0.0025951%
72306	20,664,026	0.0101676%
72308	7,922,274	0.0038981%
72400	9,104,217	0.0044797%
72402	16,878,511	0.0083050%
72404	11,993,225	0.0059012%
72405	8,608,545	0.0042358%
72407	20,692,813	0.0101818%
72408	6,667,979	0.0032809%
72409	11,311,278	0.0055656%
72410	12,202,326	0.0060041%
72501	17,908,610	0.0088118%
72504	6,481,149	0.0031890%
72505	13,927,371	0.0068529%
72506	15,626,298	0.0076888%
72508	6,376,362	0.0031374%
72509	4,778,367	0.0023512%
72510	36,188,469	0.0178063%
72511	4,464,160	0.0021966%
72512	3,728,655	0.0018347%
72513	6,618,906	0.0032568%
72600	65,752,039	0.0323528%
72603	12,269,520	0.0060371%
72607	91,340,156	0.0449433%
72609	166,428,632	0.0818901%
72613	81,981,204	0.0403383%
72615	89,403,922	0.0439906%
72616	113,175,161	0.0556871%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
72619	\$	37,920,540	0.0186585%
72620		58,764,282	0.0289146%
72621		62,074,255	0.0305432%
72622		11,177,950	0.0055000%
72623		61,736,657	0.0303771%
72624		46,511,338	0.0228856%
72625		60,811,252	0.0299218%
72626		68,423,515	0.0336673%
72628		38,954,475	0.0191673%
72629		31,407,339	0.0154538%
72700		—	—
72701		16,500,924	0.0081192%
72702		—	—
72704		10,630,152	0.0052305%
72705		12,199,358	0.0060026%
72706		10,305,316	0.0050707%
72707		19,754,403	0.0097200%
72800		69,909,727	0.0343986%
72801		94,628,174	0.0465611%
72802		65,207,635	0.0320850%
72803		76,307,435	0.0375466%
72804		30,468,762	0.0149919%
72805		78,949,388	0.0388465%
72806		99,431,985	0.0489248%
72808		15,804,924	0.0077767%
72809		108,510,971	0.0533921%
72811		82,654,788	0.0406697%
72812		23,772,151	0.0116969%
72813		38,368,817	0.0188791%
72814		74,164,005	0.0364919%
72815		37,474,788	0.0184392%
72816		94,008,666	0.0462563%
72817		98,004,449	0.0482224%
72818		30,278,995	0.0148986%
72819		35,912,887	0.0176707%
72820		13,434,519	0.0066104%
72822		85,171,129	0.0419079%
72823		29,884,979	0.0147047%
72825		41,112,537	0.0202291%
72826		75,930,061	0.0373609%
72827		143,360,133	0.0705394%
72829		79,692,411	0.0392121%
72830		79,060,721	0.0389013%
72831		75,337,567	0.0370693%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
72832	\$	15,562,606	0.0076575%
72833		22,554,633	0.0110979%
72834		58,985,023	0.0290232%
72835		21,048,521	0.0103568%
72836		83,859,180	0.0412623%
72837		26,458,365	0.0130187%
72838		31,750,003	0.0156224%
72839		21,091,131	0.0103777%
72840		80,995,976	0.0398535%
72841		61,680,580	0.0303495%
72842		22,653,011	0.0111463%
72843		17,424,439	0.0085736%
72844		26,906,012	0.0132389%
72845		32,798,966	0.0161385%
72846		42,578,441	0.0209504%
72847		64,775,992	0.0318726%
72849		16,001,949	0.0078736%
72850		48,504,076	0.0238661%
72852		39,623,325	0.0194964%
72853		47,079,855	0.0231653%
72854		67,006,997	0.0329703%
72856		122,887,644	0.0604660%
72857		93,853,998	0.0461802%
72858		48,665,941	0.0239457%
72859		26,141,432	0.0128627%
72860		39,384,058	0.0193787%
72861		119,473,646	0.0587862%
72901		21,777,690	0.0107156%
72902		12,746,514	0.0062718%
72903		8,668,006	0.0042650%
72904		12,868,641	0.0063319%
72906		19,469,507	0.0095798%
72907		49,619,452	0.0244149%
72908		29,292,965	0.0144134%
73001		11,810,106	0.0058111%
73002		37,654,086	0.0185274%
73004		10,292,993	0.0050646%
73006		28,023,970	0.0137890%
73008		26,129,282	0.0128567%
73009		11,404,325	0.0056114%
73010		17,348,837	0.0085364%
73011		9,321,471	0.0045866%
73012		24,085,541	0.0118511%
73013		5,038,468	0.0024791%



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
73014	\$ 4,738,654	0.0023316%
73015	5,029,426	0.0024747%
73100	23,100,431	0.0113664%
73107	10,100,055	0.0049697%
73108	15,021,161	0.0073911%
73109	125,296,448	0.0616513%
73112	83,037,047	0.0408578%
73113	118,144,596	0.0581322%
73116	23,792,013	0.0117067%
73117	60,882,151	0.0299566%
73118	66,515,881	0.0327287%
73119	14,109,823	0.0069426%
73120	11,448,492	0.0056332%
73121	3,291,857	0.0016197%
73122	19,279,549	0.0094864%
73123	20,732,421	0.0102012%
73124	60,918,139	0.0299744%
73125	28,699,555	0.0141214%
73126	18,192,031	0.0089513%
73201	11,101,522	0.0054624%
73202	7,513,036	0.0036967%
73203	8,596,832	0.0042300%
73205	9,684,627	0.0047653%
73206	43,036,719	0.0211759%
73209	18,928,247	0.0093135%
73302	43,740,183	0.0215221%
73307	51,493,951	0.0253372%
73311	144,021,587	0.0708648%
73312	50,455,007	0.0248260%
73313	31,816,110	0.0156549%
73314	53,575,593	0.0263615%
73315	65,633,993	0.0322948%
73316	14,778,540	0.0072717%
73317	7,302,438	0.0035931%
73319	65,664,728	0.0323099%
73320	8,419,852	0.0041429%
73322	9,646,420	0.0047465%
73323	11,789,006	0.0058007%
73324	59,091,569	0.0290756%
73402	9,785,031	0.0048147%
73403	15,915,872	0.0078313%
73404	22,871,865	0.0112539%
73405	16,101,123	0.0079224%
73406	5,574,565	0.0027429%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
73501	\$	13,235,466	0.0065124%
73502		47,032,666	0.0231421%
73503		21,491,602	0.0105748%
73504		31,049,132	0.0152775%
73505		59,705,211	0.0293775%
73506		17,664,498	0.0086917%
73507		20,796,685	0.0102329%
73600		6,804,383	0.0033481%
73601		15,043,087	0.0074018%
73603		5,164,701	0.0025413%
73604		7,282,806	0.0035835%
73605		4,587,835	0.0022574%
73606		5,518,716	0.0027154%
73607		6,869,920	0.0033803%
73609		6,682,983	0.0032883%
73610		8,958,978	0.0044082%
73611		11,226,467	0.0055239%
73612		8,845,672	0.0043525%
73700		97,348,575	0.0478997%
73701		76,675,217	0.0377275%
73702		31,577,121	0.0155373%
73703		15,299,625	0.0075281%
73704		3,882,802	0.0019105%
73705		76,834,967	0.0378061%
73802		67,383,466	0.0331556%
73803		46,084,981	0.0226758%
73804		18,571,884	0.0091382%
73806		20,896,663	0.0102821%
73807		15,958,014	0.0078520%
73808		13,337,297	0.0065625%
73809		14,318,962	0.0070455%
73810		18,636,645	0.0091700%
73811		5,430,357	0.0026720%
73812		588,565	0.0002896%
73900		30,594,440	0.0150538%
73903		35,917,235	0.0176728%
73904		59,052,724	0.0290565%
73905		19,287,230	0.0094901%
73907		137,220,602	0.0675185%
73911		105,587,658	0.0519537%
73913		125,666,594	0.0618334%
73914		31,967,319	0.0157293%
74003		20,902,122	0.0102847%
74004		18,622,896	0.0091633%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
74005	\$ 4,501,623	0.0022150%
74007	6,720,515	0.0033068%
74008	37,792,121	0.0185954%
74009	18,713,054	0.0092076%
74010	16,894,844	0.0083130%
74011	5,839,956	0.0028735%
74012	5,401,291	0.0026577%
74013	6,475,721	0.0031863%
74015	19,976,967	0.0098295%
74016	8,350,904	0.0041090%
74018	5,380,060	0.0026472%
74019	4,647,207	0.0022866%
74020	4,651,249	0.0022886%
74021	9,929,716	0.0048858%
74101	41,539,592	0.0204393%
74103	39,016,509	0.0191978%
74104	24,444,782	0.0120279%
74105	10,849,278	0.0053383%
74106	62,893,751	0.0309464%
74107	9,544,288	0.0046962%
74108	12,978,796	0.0063861%
74109	12,506,458	0.0061537%
74110	2,531,033	0.0012454%
74111	166,086,389	0.0817217%
74112	13,515,246	0.0066501%
74208	25,156,191	0.0123779%
74210	10,252,617	0.0050447%
74212	49,125,572	0.0241719%
74214	29,393,509	0.0144629%
74215	35,477,692	0.0174566%
74300	14,727,132	0.0072464%
74302	16,243,592	0.0079925%
74304	2,937,427	0.0014453%
74305	7,387,731	0.0036351%
74306	7,684,077	0.0037809%
74307	25,895,644	0.0127418%
74400	7,897,269	0.0038858%
74401	17,647,292	0.0086832%
74501	7,240,965	0.0035629%
74502	13,974,775	0.0068762%
74505	18,451,185	0.0090788%
74506	12,959,646	0.0063767%
74600	10,517,870	0.0051752%
74603	16,332,379	0.0080362%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
74605	\$ 6,810,535	0.0033511%
74607	3,606,794	0.0017747%
74608	14,402,716	0.0070868%
74612	16,963,833	0.0083469%
74613	6,954,446	0.0034219%
74614	3,593,902	0.0017684%
74617	7,565,240	0.0037224%
74618	6,524,549	0.0032104%
74700	96,596,017	0.0475294%
74701	8,488,451	0.0041767%
74702	26,166,750	0.0128752%
74704	25,170,002	0.0123847%
74705	2,575,714	0.0012674%
74706	159,753,524	0.0786056%
74707	51,558,582	0.0253690%
74708	84,164,221	0.0414124%
74709	84,162,142	0.0414114%
74710	38,543,325	0.0189650%
74712	51,219,897	0.0252024%
74713	58,418,632	0.0287445%
74714	60,532,863	0.0297848%
74715	90,079,101	0.0443228%
74716	72,910,250	0.0358750%
74717	56,354,026	0.0277286%
74718	90,882,073	0.0447179%
74719	245,756,395	0.1209228%
74721	67,180,100	0.0330555%
74722	55,464,879	0.0272911%
74724	72,679,444	0.0357614%
74726	46,599,264	0.0229288%
74727	20,823,749	0.0102462%
74728	44,726,151	0.0220072%
74729	67,562,441	0.0332436%
74731	67,001,258	0.0329675%
74732	47,240,674	0.0232445%
74734	47,009,544	0.0231307%
74736	21,487,048	0.0105726%
74741	7,086,744	0.0034870%
74744	31,826,693	0.0156601%
74746	80,575,446	0.0396466%
74748	36,683,125	0.0180497%
74749	94,403,351	0.0464505%
74751	47,461,130	0.0233529%
74752	170,312,280	0.0838010%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>	<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
74753	\$ 7,481,254	0.0036811%
74755	173,461,862	0.0853507%
74756	39,778,261	0.0195726%
74757	40,393,263	0.0198752%
74758	106,792,187	0.0525464%
74759	27,573,476	0.0135673%
74760	126,842,958	0.0624122%
74761	53,116,410	0.0261356%
74762	201,811,179	0.0992998%
74763	9,401,127	0.0046258%
74764	151,030,939	0.0743137%
74768	96,242,542	0.0473555%
74769	8,670,900	0.0042665%
74770	134,562,076	0.0662103%
74771	33,795,627	0.0166289%
74772	123,391,668	0.0607140%
74773	21,757,688	0.0107057%
74774	7,283,472	0.0035838%
74776	18,915,984	0.0093075%
74779	3,461,184	0.0017031%
74780	16,826,670	0.0082794%
74781	37,872,934	0.0186351%
74782	8,331,222	0.0040993%
74783	5,740,828	0.0028247%
74784	3,330,794	0.0016389%
74787	1,524,008	0.0007499%
74791	589,850	0.0002902%
74801	7,475,260	0.0036782%
74803	11,294,282	0.0055573%
74806	46,744,887	0.0230005%
74807	22,504,461	0.0110732%
74810	5,034,098	0.0024770%
74811	18,923,321	0.0093111%
74812	17,835,711	0.0087759%
74813	18,375,303	0.0090414%
74902	13,841,980	0.0068109%
74904	11,510,327	0.0056636%
74905	30,262,314	0.0148904%
74906	12,930,631	0.0063624%
74907	10,346,365	0.0050909%
74908	12,911,858	0.0063532%
75000	17,154,723	0.0084409%
75002	27,740,682	0.0136496%
75003	9,841,915	0.0048426%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
75005	\$	18,956,260	0.0093273%
75006		14,115,737	0.0069456%
75100		30,888,125	0.0151983%
75102		32,234,142	0.0158606%
75103		43,757,880	0.0215308%
75106		25,221,049	0.0124098%
75107		28,369,709	0.0139591%
75109		35,689,427	0.0175607%
75110		28,119,441	0.0138360%
75111		31,079,218	0.0152923%
75202		5,472,923	0.0026929%
75203		8,289,964	0.0040790%
75205		5,167,011	0.0025424%
75206		37,611,075	0.0185063%
75207		2,851,144	0.0014029%
75209		14,322,509	0.0070473%
75210		9,782,557	0.0048134%
75302		4,050,380	0.0019930%
75304		33,083,270	0.0162784%
75305		12,353,118	0.0060783%
75306		11,229,254	0.0055253%
75307		7,672,421	0.0037752%
75309		7,898,565	0.0038864%
75310		5,768,663	0.0028384%
75311		15,716,814	0.0077334%
75312		12,832,528	0.0063142%
75313		11,444,866	0.0056314%
75314		238,349	0.0001173%
75403		10,592,813	0.0052121%
75404		36,603,287	0.0180104%
75407		17,153,573	0.0084403%
75408		15,055,437	0.0074079%
75410		28,978,855	0.0142588%
75411		12,463,228	0.0061324%
75412		25,340,094	0.0124684%
75413		14,094,641	0.0069352%
75414		17,379,109	0.0085513%
75415		14,232,163	0.0070028%
75416		12,189,596	0.0059978%
75500		66,612,878	0.0327764%
75501		51,880,888	0.0255276%
75502		30,518,541	0.0150164%
75503		14,517,339	0.0071432%
75504		23,133,748	0.0113828%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
75506	\$	30,136,080	0.0148283%
75508		87,673,507	0.0431391%
75510		17,938,485	0.0088265%
75511		19,062,041	0.0093793%
75512		18,596,360	0.0091502%
75513		22,945,261	0.0112901%
75514		20,445,850	0.0100602%
75515		51,571,501	0.0253754%
75516		41,237,211	0.0202905%
75518		120,776,686	0.0594273%
75519		45,877,371	0.0225736%
75520		34,577,717	0.0170137%
75521		35,290,492	0.0173644%
75523		38,813,003	0.0190977%
75530		15,080,071	0.0074200%
75532		34,512,909	0.0169818%
75533		29,631,637	0.0145800%
75535		43,125,801	0.0212198%
75536		63,200,198	0.0310972%
75537		49,234,190	0.0242253%
75538		31,446,593	0.0154731%
75544		71,625,920	0.0352430%
75545		98,330,433	0.0483828%
75546		21,229,110	0.0104456%
75547		28,283,525	0.0139167%
75549		72,660,255	0.0357520%
75550		99,609,962	0.0490124%
75551		15,023,200	0.0073921%
75553		25,910,535	0.0127491%
75554		12,781,868	0.0062892%
75555		41,150,188	0.0202477%
75556		17,174,078	0.0084504%
75557		70,996,417	0.0349333%
75558		21,619,852	0.0106379%
75561		6,530,557	0.0032133%
75601		9,701,701	0.0047737%
75603		2,823,262	0.0013892%
75605		14,229,132	0.0070013%
75606		16,741,037	0.0082373%
75607		7,311,431	0.0035975%
75608		27,632,706	0.0135965%
75701		13,809,197	0.0067947%
75703		24,004,490	0.0118112%
75704		23,423,975	0.0115256%
75705		11,889,831	0.0058503%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
75706	\$	6,559,143	0.0032274%
75708		4,657,764	0.0022918%
75709		1,036,270	0.0005099%
75710		6,164,175	0.0030330%
75711		41,058,109	0.0202024%
75712		15,701,393	0.0077258%
77002		22,377,624	0.0110108%
77003		824,592	0.0004057%
77004		—	—
77005		4,044,077	0.0019899%
77006		—	—
77007		2,673,830	0.0013156%
77008		3,317,409	0.0016323%
STATE		<u>87,475,316,513</u>	<u>43.0416338%</u>
All locations	\$	<u><u>203,234,204,508</u></u>	<u><u>100.0000000%</u></u>

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



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code	Indexed present value of future compensation	Employer allocation percentage
02881	\$ 3,610,496	0.0111335%
02885	6,333,883	0.0195315%
10026	11,569,594	0.0356766%
10028	2,808,718,972	8.6611110%
10047	3,106,030,255	9.5779155%
10055	327,014,663	1.0083993%
20001	450,569,154	1.3893983%
20002	41,892,934	0.1291832%
20003	98,859,278	0.3048476%
20004	53,828,390	0.1659880%
20005	36,724,212	0.1132447%
20006	188,514,679	0.5813136%
20007	1,090,619,747	3.3630914%
20008	24,573,762	0.0757769%
20009	43,666,674	0.1346528%
20010	30,086,229	0.0927755%
20011	53,715,629	0.1656403%
20012	42,936,775	0.1324021%
20013	90,199,562	0.2781440%
20014	53,597,178	0.1652750%
20015	43,821,916	0.1351315%
20016	78,383,738	0.2417081%
20017	42,632,469	0.1314637%
20018	44,588,427	0.1374952%
20019	29,761,808	0.0917751%
20020	20,240,448	0.0624145%
20021	103,260,860	0.3184205%
20022	82,439,580	0.2542150%
20023	28,304,076	0.0872799%
20024	81,889,050	0.2525173%
20025	72,241,268	0.2227669%
20026	16,352,797	0.0504263%
20027	109,146,576	0.3365700%
20028	66,161,483	0.2040190%
20029	10,559,491	0.0325618%
20030	98,571,313	0.3039596%
20031	298,704,027	0.9210992%
20032	123,255,104	0.3800758%
20033	320,387,207	0.9879626%
20035	244,011,435	0.7524463%
20036	83,553,771	0.2576507%
20037	27,222,747	0.0839455%
20038	33,999,960	0.1048440%
20039	38,845,771	0.1197868%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code		Indexed present value of future compensation	Employer allocation percentage
20040	\$	32,313,653	0.0996440%
20041		33,508,907	0.1033298%
20042		60,763,692	0.1873741%
20043		49,298,834	0.1520204%
20044		27,801,247	0.0857294%
20045		116,097,391	0.3580039%
20046		34,335,471	0.1058786%
20047		93,782,334	0.2891921%
20048		21,583,867	0.0665571%
20049		111,791,572	0.3447263%
20050		282,567,893	0.8713410%
20051		2,708,801	0.0083530%
20052		614,048,212	1.8935108%
20053		50,053,676	0.1543481%
20054		193,357,765	0.5962480%
20055		233,834,209	0.7210633%
20056		92,293,704	0.2846016%
20057		46,141,867	0.1422854%
20058		327,737,956	1.0106297%
20059		1,566,881,424	4.8317166%
20060		1,034,304,564	3.1894350%
20061		76,565,062	0.2361000%
20062		54,841,015	0.1691106%
30003		44,705,713	0.1378568%
30004		3,104,288	0.0095725%
30005		1,611,042	0.0049679%
30013		100,071,029	0.3085842%
30014		132,898,427	0.4098125%
30016		132,294,203	0.4079492%
30020		56,558,055	0.1744053%
30025		217,014,609	0.6691975%
30026		105,323,652	0.3247815%
30028		119,109,149	0.3672911%
30029		9,048,505	0.0279024%
30030		127,811,802	0.3941271%
30031		58,864,623	0.1815180%
30032		101,994,287	0.3145149%
30033		35,347,798	0.1090003%
30035		40,595,168	0.1251814%
30036		40,471,747	0.1248008%
30038		461,321	0.0014226%
30039		39,955,490	0.1232088%
30040		47,899,678	0.1477059%
30041		605,404	0.0018669%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code	Indexed present value of future compensation	Employer allocation percentage
30043	\$ 102,549,182	0.3162260%
30044	32,113,129	0.0990257%
30045	166,196,850	0.5124932%
30046	55,718,136	0.1718153%
30047	81,557,340	0.2514944%
30050	46,691,012	0.1439788%
30053	17,394,117	0.0536374%
30054	49,611,539	0.1529847%
30056	21,586,643	0.0665657%
30057	21,752,090	0.0670759%
30058	39,016,959	0.1203147%
30061	31,254,229	0.0963772%
30063	30,868,973	0.0951892%
30066	85,296,768	0.2630255%
30070	11,464,464	0.0353524%
30071	16,752,389	0.0516585%
30073	448,710	0.0013837%
30076	44,331,148	0.1367018%
30077	7,164,205	0.0220919%
30080	84,915,316	0.2618493%
30081	125,746,496	0.3877584%
30082	31,446,953	0.0969715%
30087	33,513,321	0.1033434%
30088	33,974,355	0.1047651%
30089	81,139,790	0.2502069%
30090	8,500,880	0.0262138%
30092	18,460,351	0.0569253%
30096	5,536,073	0.0170713%
30097	16,234,179	0.0500606%
30099	9,068,630	0.0279645%
30102	339,723	0.0010476%
30104	28,359,207	0.0874499%
30111	4,633,031	0.0142867%
30112	3,398,195	0.0104789%
30113	1,078,692	0.0033263%
30126	23,757,172	0.0732588%
30154	37,008,474	0.1141212%
30158	10,063,601	0.0310326%
30171	5,031,587	0.0155157%
30185	7,441,201	0.0229461%
30210	20,974,770	0.0646789%
30220	11,656,937	0.0359459%
30237	9,224,357	0.0284447%
30250	35,526,850	0.1095524%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code		Indexed present value of future compensation	Employer allocation percentage
30263	\$	10,819,469	0.0333635%
30275		8,192,614	0.0252632%
30281		776,207	0.0023936%
30287		468,250	0.0014439%
30291		3,719,251	0.0114689%
30304		1,301,418	0.0040131%
30305		4,504,637	0.0138907%
30311		29,235,811	0.0901531%
30333		54,606,369	0.1683870%
30342		15,713,646	0.0484554%
30360		2,426,799	0.0074834%
30364		1,550,607	0.0047815%
30380		42,786,902	0.1319399%
30388		826,705	0.0025493%
30391		3,406,685	0.0105050%
30397		28,038,218	0.0864601%
30413		4,719,221	0.0145524%
30426		401,851	0.0012392%
30428		40,987,558	0.1263914%
30429		21,273,512	0.0656001%
30432		4,379,150	0.0135038%
30435		6,548,349	0.0201928%
30439		8,612,268	0.0265572%
30440		7,807,110	0.0240744%
30446		—	—
30448		42,580,227	0.1313026%
30449		511,455	0.0015772%
30466		14,037,655	0.0432872%
30472		13,993,313	0.0431505%
30480		737,863	0.0022753%
30492		17,807,911	0.0549134%
30499		13,594,891	0.0419219%
30505		2,999,618	0.0092498%
30511		13,326,097	0.0410930%
30522		212,982	0.0006568%
30531		20,415,680	0.0629548%
30554		1,424,858	0.0043938%
30559		8,100,422	0.0249789%
30560		1,299,782	0.0040081%
30568		372,990	0.0011502%
30571		1,366,173	0.0042128%
30578		4,240,746	0.0130770%
30581		18,756,483	0.0578385%
30587		11,581,858	0.0357144%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code	Indexed present value of future compensation	Employer allocation percentage
30604	\$ 2,577,448	0.0079480%
30615	10,399,082	0.0320671%
30667	1,490,729	0.0045969%
30668	9,141,573	0.0281894%
30671	10,195,631	0.0314398%
30687	685,294	0.0021132%
30707	3,361,751	0.0103665%
30708	920,878	0.0028397%
30710	—	—
30730	3,513,549	0.0108346%
30768	3,065,567	0.0094531%
30777	18,850	0.0000581%
30779	—	—
30785	5,576,802	0.0171969%
30786	61,524	0.0001897%
30788	30,114	0.0000929%
30795	824,591	0.0025428%
30801	—	—
30802	54,976	0.0001695%
40001	4,238,348	0.0130696%
40002	22,761,412	0.0701883%
40003	110,462,796	0.3406288%
40004	9,563,758	0.0294913%
40005	10,049,530	0.0309892%
40008	21,094,014	0.0650466%
40009	154,760,107	0.4772263%
40010	8,247,302	0.0254318%
40011	—	—
40012	5,227,807	0.0161207%
40013	27,878,088	0.0859663%
40014	9,349,831	0.0288316%
40016	71,884,360	0.2216663%
40017	130,388,144	0.4020716%
40018	8,350,564	0.0257502%
40019	10,402,177	0.0320767%
40020	46,523,892	0.1434635%
40021	22,652,412	0.0698522%
40022	—	—
40024	47,457,441	0.1463422%
40025	67,113,499	0.2069547%
40027	37,746,285	0.1163964%
40029	598,429	0.0018453%
40030	1,271,899	0.0039221%
40031	72,635,579	0.2239828%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

<u>Location code</u>		<u>Indexed present value of future compensation</u>	<u>Employer allocation percentage</u>
40032	\$	36,759,476	0.1133534%
40033		25,541,703	0.0787617%
40036		45,515,950	0.1403553%
40037		5,375,365	0.0165758%
40038		4,915,111	0.0151565%
40039		36,756,591	0.1133445%
40041		20,094,393	0.0619641%
40044		24,304,348	0.0749461%
40045		66,111,529	0.2038649%
40046		1,189,465	0.0036679%
40048		12,405,113	0.0382530%
40050		62,613,258	0.1930775%
40052		6,583,474	0.0203011%
40054		28,473,876	0.0878035%
40057		789,299	0.0024339%
40058		28,590,294	0.0881625%
40061		25,668,706	0.0791533%
40062		8,500,861	0.0262137%
40063		29,267,383	0.0902504%
40064		22,933,022	0.0707175%
40065		22,981,527	0.0708670%
40066		37,810,355	0.1165940%
40067		8,031,729	0.0247671%
40068		12,850,304	0.0396259%
40069		8,875,549	0.0273691%
40071		9,390,126	0.0289559%
40072		499,741	0.0015410%
40073		2,683,061	0.0082736%
40074		20,439,692	0.0630289%
40076		21,445,470	0.0661304%
40078		43,935,429	0.1354816%
40081		7,254,680	0.0223709%
40083		2,413,204	0.0074415%
40084		34,667,061	0.1069011%
40087		56,547,433	0.1743726%
40088		3,452,753	0.0106471%
40089		6,953,178	0.0214412%
40090		21,655,781	0.0667789%
40091		15,332,656	0.0472806%
40092		4,357,079	0.0134357%
40094		8,421,270	0.0259683%
40095		7,934,876	0.0244684%
40096		22,903,923	0.0706277%
40097		21,325,442	0.0657602%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code		Indexed present value of future compensation	Employer allocation percentage
40098	\$	65,844,634	0.2030419%
40100		20,403,645	0.0629177%
40103		33,590,667	0.1035819%
40104		28,313,739	0.0873097%
40105		26,911,300	0.0829851%
40106		23,470,543	0.0723750%
40108		2,228,813	0.0068729%
40109		7,239,849	0.0223252%
40110		30,037,322	0.0926246%
40111		2,741,099	0.0084526%
40113		3,827,068	0.0118013%
40114		2,938,100	0.0090601%
40117		3,605,950	0.0111195%
40118		17,313,820	0.0533898%
40120		4,597,015	0.0141756%
40121		9,960,300	0.0307141%
40122		5,324,236	0.0164181%
40123		8,552,736	0.0263737%
40126		1,019,335	0.0031433%
40127		1,943,582	0.0059933%
40129		1,368,419	0.0042197%
40130		1,959,434	0.0060422%
40131		84,022	0.0002591%
40133		3,229,421	0.0099584%
40134		8,445,002	0.0260414%
40136		138,381	0.0004267%
40137		35,322	0.0001089%
40138		686,173	0.0021159%
40139		2,819,015	0.0086929%
40140		265,243	0.0008179%
40142		238,975	0.0007369%
40143		13,733,551	0.0423495%
40145		1,143,570	0.0035264%
40146		2,919,914	0.0090040%
40147		1,286,696	0.0039677%
40148		3,033,339	0.0093538%
40149		5,558,922	0.0171418%
40150		232,338	0.0007165%
40151		6,792,282	0.0209450%
40152		3,321,774	0.0102432%
40155		557,116	0.0017180%
40157		2,124,193	0.0065503%
40158		571,758	0.0017631%
40160		647,598	0.0019970%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code	Indexed present value of future compensation	Employer allocation percentage
40161	\$ 5,754,933	0.0177462%
40162	1,608,874	0.0049612%
40163	2,897,691	0.0089355%
40164	1,221,804	0.0037676%
40165	2,772,120	0.0085483%
40166	1,145,303	0.0035317%
40168	4,994,334	0.0154008%
40170	2,457,212	0.0075772%
40171	502,003	0.0015480%
40172	1,994,290	0.0061497%
40174	29,361,363	0.0905402%
40176	9,759,328	0.0300944%
40177	1,136,328	0.0035040%
40178	5,331,286	0.0164398%
40179	2,295,937	0.0070799%
40180	18,163,077	0.0560086%
40182	3,675,439	0.0113338%
40183	3,067,321	0.0094585%
40184	3,302,451	0.0101836%
40185	1,522,503	0.0046949%
40186	1,514,905	0.0046714%
40188	1,569,614	0.0048401%
40190	2,996,675	0.0092407%
40192	2,629,328	0.0081079%
40193	3,843,754	0.0118528%
40195	2,195,987	0.0067717%
40196	4,209,320	0.0129801%
40197	1,784,827	0.0055038%
40198	9,977,529	0.0307672%
40200	8,780,267	0.0270753%
40201	6,374,029	0.0196553%
40202	14,371,828	0.0443177%
40205	3,585,673	0.0110570%
40207	5,706,167	0.0175958%
40210	5,009,304	0.0154470%
40211	26,160,494	0.0806699%
40212	2,383,052	0.0073485%
40214	787,745	0.0024291%
40216	20,228,276	0.0623770%
40217	4,710,562	0.0145257%
40218	19,076,735	0.0588260%
40219	181,315	0.0005591%
40222	2,328,298	0.0071797%
40223	37,667	0.0001162%



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code	Indexed present value of future compensation	Employer allocation percentage
40224	\$ 593,632	0.0018306%
40225	432,120	0.0013325%
40227	1,618,491	0.0049909%
40228	1,790,220	0.0055204%
40229	2,397,247	0.0073923%
40231	9,084,613	0.0280138%
40232	3,476,072	0.0107190%
40233	2,546,328	0.0078520%
40237	11,047,320	0.0340661%
40238	1,196,411	0.0036893%
40240	3,493,261	0.0107720%
40241	1,886,131	0.0058162%
40243	—	—
40244	83,112	0.0002563%
40245	14,288,732	0.0440615%
40246	1,837,021	0.0056647%
40248	372,825	0.0011497%
40249	—	—
40250	1,540,656	0.0047508%
40251	208,838	0.0006440%
40252	44,665,103	0.1377316%
40253	961,105	0.0029637%
40254	3,770,407	0.0116266%
40257	12,607,460	0.0388770%
40258	2,503,954	0.0077213%
40259	5,606,795	0.0172894%
40260	4,344,130	0.0133958%
40262	9,923,371	0.0306002%
40264	3,134,395	0.0096654%
40265	370,357	0.0011421%
40267	3,649,159	0.0112527%
40268	15,634,207	0.0482104%
40269	5,080,426	0.0156663%
40270	2,176,768	0.0067124%
40271	214,283	0.0006608%
40272	3,284,497	0.0101282%
40274	9,219,210	0.0284288%
40275	40,769	0.0001257%
40277	5,375,558	0.0165763%
40279	297,314	0.0009168%
40281	16,462,204	0.0507637%
40282	224,540	0.0006924%
40283	7,091,922	0.0218690%
40284	837,197	0.0025816%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code	Indexed present value of future compensation	Employer allocation percentage
40285	\$ 7,654,508	0.0236038%
40286	5,635,746	0.0173787%
40293	3,082,366	0.0095049%
40294	849,154	0.0026185%
40295	4,943,591	0.0152443%
40300	593,292	0.0018295%
40305	1,189,812	0.0036690%
40308	330,327	0.0010186%
40310	1,033,849	0.0031880%
40312	142,419	0.0004392%
40313	88,013	0.0002714%
40314	4,243,681	0.0130860%
40315	99,798	0.0003077%
40321	27,366,457	0.0843886%
40326	8,155,155	0.0251477%
40328	697,457	0.0021507%
40332	1,104,277	0.0034052%
40339	10,181,824	0.0313972%
40341	78,448	0.0002419%
40343	5,700,835	0.0175794%
40350	171,251	0.0005281%
40351	232,691	0.0007175%
40356	107,447	0.0003313%
40357	128,033	0.0003948%
40363	280,503	0.0008650%
40364	20,706,160	0.0638506%
40371	1,253,868	0.0038665%
40372	13,865,340	0.0427559%
40373	5,518,119	0.0170160%
40377	608,335	0.0018759%
40380	1,539,347	0.0047468%
40384	9,546,198	0.0294371%
40391	221,069	0.0006817%
40404	6,985,169	0.0215398%
40405	131,091	0.0004042%
40416	8,427,362	0.0259871%
40419	937,226	0.0028901%
40428	2,817,077	0.0086869%
40432	313,412	0.0009665%
40436	394,371	0.0012161%
40441	147,781	0.0004557%
40452	3,514,454	0.0108374%
40454	46,001,994	0.1418541%
40464	808,610	0.0024935%

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Employer Allocations

As of and for the year ended March 31, 2019

Location code	Indexed present value of future compensation	Employer allocation percentage
40470	\$ —	—
40479	37,434,151	0.1154339%
40535	1,949	0.0000060%
40562	1,553,104	0.0047892%
40565	154,327	0.0004759%
50023	2,512,243,454	7.7468838%
50040	19,211,277	0.0592409%
50098	74,557,675	0.2299099%
50134	63,068,362	0.1944809%
50137	18,542,195	0.0571777%
50209	60,528,375	0.1866484%
50222	72,238,943	0.2227597%
50223	40,671,753	0.1254175%
50252	9,117,605	0.0281155%
50253	20,263,065	0.0624842%
50255	19,723,175	0.0608194%
50256	56,037,253	0.1727994%
50257	2,638,281	0.0081355%
50261	25,337,739	0.0781328%
50304	60,682,044	0.1871223%
50823	11,701,717	0.0360840%
50957	13,232,541	0.0408045%
50986	96,441,135	0.2973909%
51020	40,048,613	0.1234960%
51072	39,697,523	0.1224133%
51104	36,819,310	0.1135379%
51137	24,040,380	0.0741322%
51250	13,104,308	0.0404091%
51264	4,232,706	0.0130522%
51341	11,100,465	0.0342300%
51381	1,893,174	0.0058379%
51409	375,990	0.0011594%
51436	5,132,808	0.0158278%
51498	901,573	0.0027801%
STATE	<u>6,918,552,073</u>	<u>21.3344046%</u>
All locations	<u>\$ 32,429,083,978</u>	<u>100.0000000%</u>

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

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Total pension expense
01128	\$ 1,563,557	307,897	393,014	193,774	894,685	104,959	401,295	—	220,807	727,061	1,024,076	(72,858)	951,218
01129	2,907,917	572,630	730,932	457,434	1,760,996	195,203	746,332	—	33,940	975,475	1,044,586	64,885	1,969,471
01130	2,706,863	533,038	680,395	503,263	1,716,696	181,707	694,731	—	137,807	1,014,245	1,772,902	151,272	1,924,174
01132	963,426	189,719	242,166	89,301	521,186	64,673	247,268	—	212,839	524,780	631,011	(61,595)	569,416
01133	1,406,053	276,881	353,424	235,374	865,679	94,386	360,871	—	22,449	477,706	920,916	79,405	1,000,321
01171	1,302,267	256,444	327,337	9,215	592,996	87,419	334,234	—	172,994	594,647	852,940	(118,608)	734,332
01172	1,053,067	207,371	264,698	183,134	655,203	70,690	270,275	—	394,204	735,169	689,722	(62,564)	627,158
01173	1,776,725	349,874	446,596	49,563	846,033	119,268	456,006	—	135,705	710,979	1,163,693	(49,591)	1,114,102
01174	988,296	194,616	248,417	101,569	544,602	66,342	253,651	—	171,512	491,505	647,300	(54,385)	592,915
01175	905,265	178,266	227,547	113,463	519,276	60,769	232,341	—	58,512	351,622	592,918	17,299	610,217
01176	1,040,918	204,979	261,644	95,034	561,657	69,875	267,157	—	164,751	501,783	681,766	(55,351)	626,415
02880	26,994,243	5,315,731	6,785,249	1,950,675	14,051,655	1,812,073	6,928,215	—	1,911,302	10,651,590	17,680,299	(762,367)	16,917,932
02881	74,485,854	14,667,823	18,722,700	4,606,993	37,997,516	5,000,096	19,117,187	—	17,474,818	41,592,101	48,785,668	(7,493,157)	41,292,511
02885	91,067,079	17,933,013	22,890,542	3,780,782	44,604,337	6,113,163	23,372,846	—	14,541,216	44,027,225	59,645,799	(6,154,075)	53,491,724
02899	3,184,485	627,092	800,449	448,915	1,876,456	187,315	817,315	—	523,341	1,088,716	2,085,728	167,209	2,252,937
10001	36,482,342	7,184,136	9,170,170	1,081,686	17,435,992	2,448,991	9,363,386	—	3,547,148	15,359,525	23,894,677	(1,603,506)	22,291,171
10002	7,252,606	1,428,190	1,823,009	78,634	3,297,833	486,854	1,861,419	—	999,175	3,347,448	4,750,207	(497,448)	4,252,759
10003	28,693,227	5,650,297	7,212,305	368,497	13,231,099	1,926,123	7,364,268	—	3,342,362	12,632,753	18,793,075	(1,722,575)	17,070,500
10004	14,858,495	2,925,948	3,734,818	85,779	6,746,545	997,423	3,813,511	—	2,392,626	7,203,560	9,731,802	(1,300,498)	8,431,304
10005	10,747,396	2,116,387	2,701,456	137,989	4,955,832	721,453	2,758,376	—	1,451,162	4,930,991	7,039,174	(896,218)	6,142,956
10006	17,444,621	3,435,211	4,384,865	1,018,038	8,838,114	1,171,025	4,477,254	—	1,964,545	7,612,624	11,425,626	(795,126)	10,630,500
10007	14,767,308	2,907,992	3,711,898	352,673	6,972,563	991,302	3,790,107	—	2,082,809	6,864,218	9,672,078	(1,003,087)	8,668,991
10008	6,929,070	1,364,479	1,741,685	—	3,106,164	465,135	1,778,382	—	1,442,820	3,686,337	4,538,302	(849,631)	3,688,671
10009	12,895,999	2,539,492	3,241,527	140,605	5,921,624	865,584	3,309,826	—	2,340,643	6,516,153	8,446,435	(1,361,904)	7,084,531
10010	12,537,503	2,468,896	3,151,416	243,744	5,864,056	841,619	3,217,816	—	2,295,618	6,355,053	8,211,632	(1,127,611)	7,084,021
10011	7,818,763	1,539,678	1,965,317	199,547	3,704,542	524,859	2,006,727	—	1,322,526	3,854,112	5,121,020	(570,206)	4,550,814
10012	7,181,700	1,414,227	1,805,186	332,425	3,551,838	482,094	1,843,221	—	765,838	3,091,153	4,703,766	(200,081)	4,503,685
10013	35,515,243	6,993,694	8,927,080	677,790	16,598,564	2,384,072	9,115,174	—	1,061,593	12,560,839	23,261,260	(369,654)	22,891,606
10014	77,334,390	15,228,759	19,438,705	1,631,484	36,298,948	5,191,313	19,848,279	—	5,777,404	30,816,996	50,651,361	(2,383,955)	48,267,406
10015	6,653,067	1,310,128	1,672,309	209,934	3,192,371	446,608	1,707,545	—	1,327,330	3,481,483	4,757,530	(860,773)	3,896,757
10016	6,074,163	1,196,130	1,526,796	55,321	2,778,247	407,747	1,558,966	—	1,214,588	3,181,301	3,978,367	(659,319)	3,319,048
10017	6,243,418	1,229,460	1,569,340	91,759	2,890,559	419,109	1,602,406	—	584,103	2,605,618	4,089,223	(259,367)	3,829,856
10018	9,964,919	1,962,301	2,504,773	47,211	4,514,285	668,926	2,557,549	—	1,727,767	4,954,242	6,526,678	(744,200)	5,782,478
10019	6,851,420	1,349,188	1,722,167	117,160	3,188,515	459,923	1,758,453	—	809,070	3,027,446	4,487,444	(408,179)	4,079,265
10020	1,523,054	299,921	382,834	38,619	721,374	102,240	390,900	—	57,533	590,673	997,548	(32,820)	964,728
10021	5,608,772	1,104,484	1,409,816	36,696	2,550,996	376,506	1,439,521	—	379,621	2,195,648	3,673,552	(189,587)	3,483,965
10022	12,949,687	2,550,064	3,255,022	300,010	6,105,096	869,288	3,323,606	—	1,687,157	5,880,051	8,481,599	(869,518)	7,612,081
10023	12,073,365	2,377,498	3,034,751	328,836	5,741,085	810,462	3,098,693	—	2,269,932	6,179,087	7,907,638	(1,121,390)	6,786,248
10024	13,774,626	2,712,512	3,462,378	166,163	6,341,053	924,665	3,535,330	—	2,739,056	7,199,051	9,021,906	(1,508,405)	7,513,501
10025	8,827,059	1,738,233	2,218,762	391,660	4,348,655	592,544	2,265,511	—	1,171,573	4,575,628	5,781,420	(692,347)	5,089,073
10026	78,229,862	15,405,096	19,663,790	1,196,536	36,265,422	5,251,424	20,078,107	—	16,306,892	41,636,423	51,237,865	(7,827,099)	43,410,766
10027	5,527,231	1,088,427	1,389,320	144,018	2,621,765	371,033	1,418,593	—	1,200,681	2,990,307	3,620,146	(563,309)	3,056,837
10028	132,322,259	26,057,020	33,260,408	14,592,337	73,909,765	8,882,546	33,961,205	—	2,150,236	44,993,987	86,666,521	5,872,461	92,538,982
10029	24,857,216	4,894,906	6,248,088	1,333,072	12,476,066	1,668,618	6,379,736	—	3,511,393	11,559,747	16,280,620	(1,187,292)	15,093,328
10030	23,739,585	4,674,821	5,967,161	524,309	11,166,291	1,593,594	6,092,890	—	1,227,559	8,914,043	15,548,610	(444,597)	15,104,013
10031	63,746,275	12,552,975	16,023,208	1,524,505	30,100,688	4,279,168	16,360,818	—	9,989,157	30,629,143	41,751,614	(4,993,628)	36,757,986
10032	17,082,895	3,363,979	4,293,942	641,412	8,299,333	1,146,743	4,384,415	—	927,179	6,458,337	11,188,708	(206,626)	10,982,082
10033	48,308,396	9,512,934	12,142,756	975,132	22,630,822	3,242,852	12,398,605	—	7,375,604	23,017,061	31,640,335	(3,746,844)	27,893,491
10034	4,950,962	974,948	1,244,470	110,932	2,330,550	332,349	1,270,691	—	732,474	2,335,514	3,242,710	(472,594)	2,770,116
10035	13,833,285	2,724,063	3,477,122	94,187	6,295,372	928,603	3,550,386	—	1,871,266	6,350,255	9,060,325	(1,137,380)	7,922,945
10036	5,430,612	1,069,401	1,365,034	66,501	2,500,936	364,547	1,393,795	—	1,551,011	3,309,353	3,556,864	(1,008,989)	2,547,875
10037	15,219,284	2,996,995	3,825,506	315,364	7,137,865	1,021,642	3,906,109	—	1,066,959	5,994,710	9,968,106	(464,407)	9,503,699
10038	27,963,510	5,506,600	7,028,883	519,499	13,054,982	1,877,138	7,176,982	—	4,011,280	13,065,400	18,315,135	(2,179,590)	16,135,545
10039	36,491,012	7,185,843	9,172,349	4,988,595	21,346,787	2,449,573	9,365,611	—	3,196,626	15,011,810	23,900,356	821,151	24,721,507
10040	11,625,104	2,289,226	2,922,076	142,000	5,353,302	780,371	2,983,644	—	2,095,811	5,859,826	7,614,042	(1,084,729)	6,529,313
10041	18,414,508	3,628,202	4,628,655	78,163	8,333,020	1,236,131	4,726,181	—	3,529,119	9,491,431	12,060,868	(2,069,900)	9,990,968
10042	20,429,592	4,023,014	5,135,164	280,010	9,438,188	1,371,400	5,243,362	—	1,053,050	7,667,812	13,380,679	(433,824)	12,946,855
10043	4,588,285	903,529	1,153,307	73,044	2,129,880	308,003	1,177,608	—	347,928	1,833,539	3,005,169	(181,061)	2,824,108
10044	3,560,561	701,149	894,980	137,799	1,733,928	239,014	913,837	—	487,138	1,639,989	2,332,045	(210,187)	2,121,858
10045	6,084,972	1,198,258	1,529,513	30,570	2,758,341	408,473	1,561,740	—	1,033,233	3,003,446	3,985,447	(583,106)	3,402,341
10046</													

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	
												Proportionate share of contributions	Total pension expense
10050	\$ 13,589,524	2,676,061	3,415,851	363,590	6,455,502	912,239	3,487,823	—	1,061,225	5,461,287	8,900,670	(381,232)	8,519,438
10051	22,189,604	4,369,597	5,577,560	42,070	9,989,227	1,489,547	5,695,079	—	755,322	7,939,948	14,533,426	(784,977)	13,748,449
10052	13,673,965	2,692,690	3,437,076	286,035	6,415,801	917,908	3,509,495	—	2,841,555	7,268,958	8,955,976	(1,462,681)	7,493,295
10053	7,920,179	1,559,649	1,990,809	159,087	3,709,545	531,667	2,032,756	—	1,532,972	4,097,395	5,187,444	(1,059,857)	4,127,587
10054	13,592,577	2,676,663	3,416,618	394,348	6,487,629	912,444	3,488,607	—	2,222,012	6,623,063	8,902,670	(1,064,730)	7,837,940
10055	110,178,571	21,696,465	27,694,390	23,510	49,414,365	7,396,081	28,277,911	—	7,027,347	42,701,339	72,163,168	(4,773,846)	67,389,322
10056	11,180,977	2,201,768	2,810,441	457,550	5,469,759	750,558	2,869,657	—	1,280,166	4,900,381	7,323,154	(487,666)	6,835,488
10057	4,061,655	799,825	1,020,934	80,682	1,901,441	272,651	1,042,445	—	558,484	1,873,580	2,660,244	(260,439)	2,399,805
20001	7,935,785	1,562,722	1,994,732	—	3,557,454	532,714	2,036,761	—	1,219,172	3,788,647	5,197,666	(761,139)	4,436,527
20002	1,271,826	250,449	319,685	19,316	589,450	85,375	326,421	—	79,065	490,861	833,002	(8,231)	824,771
20003	2,118,293	417,136	532,452	35,607	985,195	142,197	543,671	—	124,397	810,265	1,387,409	(46,422)	1,340,987
20004	1,007,099	198,319	253,144	10,487	461,950	67,605	258,477	—	155,138	481,220	659,615	(73,680)	585,935
20005	938,573	184,825	235,919	45,831	466,575	63,005	240,890	—	60,150	364,045	614,733	(3,799)	610,934
20006	3,498,972	689,021	879,499	36,920	1,605,440	234,879	898,030	—	303,734	1,436,643	2,291,706	(138,012)	2,153,694
20007	16,915,345	3,330,985	4,251,826	2,520,692	10,103,503	1,135,455	4,341,413	—	887,765	6,364,673	11,078,968	962,289	12,041,257
20008	887,871	174,840	223,175	126,790	524,805	59,601	227,877	—	6,937	294,415	581,525	70,265	651,790
20009	834,099	164,252	209,658	34,431	408,341	55,992	214,076	—	83,489	353,557	546,306	(16,377)	529,929
20010	806,392	158,795	202,694	34,736	396,225	54,132	206,965	—	18,314	279,411	528,159	15,820	543,979
20011	917,232	180,622	230,555	13,654	424,831	61,572	235,412	—	63,939	360,923	600,755	(28,420)	572,335
20012	1,003,790	197,667	252,312	182,107	632,086	67,383	257,628	—	50,668	375,679	657,448	80,520	737,968
20013	1,219,992	240,242	306,656	43,768	590,666	81,896	313,117	—	230,448	625,461	799,053	(82,205)	716,848
20014	781,427	153,879	196,419	66,850	252,456	52,456	200,557	—	24,154	277,167	511,808	20,600	532,408
20015	1,269,939	250,078	319,211	998	570,287	85,249	325,937	—	199,781	610,967	831,767	(84,690)	747,077
20016	2,211,094	435,411	555,779	49,864	1,041,054	148,427	567,489	—	77,461	793,377	1,448,190	(50,455)	1,397,735
20017	1,100,623	216,736	276,652	264,930	758,318	73,883	282,481	—	39,734	396,098	720,870	89,922	810,792
20018	1,125,677	221,669	282,949	63,692	568,310	75,565	288,911	—	6,971	371,447	737,280	40,657	777,937
20019	563,608	110,986	141,668	117,499	370,153	37,834	144,653	—	15,078	197,565	369,144	42,127	411,271
20020	590,741	116,329	148,488	27,385	292,202	39,655	151,617	—	40,870	232,142	386,915	(20,138)	366,777
20021	4,119,541	811,224	1,035,484	103,050	1,949,758	276,937	1,057,302	—	174,460	1,508,299	2,698,157	(44,880)	2,653,277
20022	4,141,172	815,483	1,040,921	17,905	1,874,309	277,589	1,062,854	—	295,812	1,636,655	2,712,325	(166,147)	2,546,178
20023	493,777	97,235	124,115	19,197	240,547	33,146	126,730	—	22,564	182,440	323,407	(1,659)	321,748
20024	2,202,231	433,665	553,511	214,211	1,201,427	147,832	565,214	—	22,186	735,232	1,442,386	120,222	1,562,608
20025	896,841	176,607	225,429	67,163	469,199	60,203	230,179	—	96,750	387,132	587,400	20,037	607,437
20026	427,919	84,266	107,561	23,419	215,246	28,725	109,828	—	34,589	173,142	280,272	(16,274)	263,998
20027	5,134,537	1,011,098	1,290,613	75,928	2,377,639	344,672	1,317,806	—	317,499	1,979,977	3,362,945	(127,774)	3,235,171
20028	1,419,274	279,485	356,747	11,518	647,750	95,273	364,264	—	101,284	560,821	929,575	(68,836)	860,739
20029	260,664	51,330	65,520	16,684	133,534	17,498	66,901	—	27,949	112,348	170,726	1,918	172,644
20030	1,904,952	375,125	478,827	304,136	1,158,088	127,876	488,916	—	104,398	721,190	1,247,678	86,453	1,334,131
20031	5,740,249	1,130,375	1,442,864	371,751	2,944,990	385,332	1,473,265	—	42,984	1,901,581	3,759,666	113,479	3,873,145
20032	2,061,560	405,964	518,192	25,755	949,911	138,389	529,110	—	252,698	920,197	1,350,251	(142,003)	1,208,248
20033	5,450,259	1,073,270	1,369,972	546,847	2,990,089	365,866	1,398,838	—	161,545	1,926,249	3,569,732	206,974	3,776,706
20035	3,220,796	634,242	809,576	373,311	1,817,129	216,206	826,634	—	56,077	1,098,917	2,109,510	139,111	2,248,621
20036	2,291,486	451,242	575,986	356,949	1,384,177	153,823	588,122	—	9,095	751,040	1,500,844	217,776	1,718,620
20037	325,195	64,038	81,741	102,274	248,053	21,830	83,463	—	37,289	142,582	212,992	32,930	245,922
20038	982,386	193,452	246,932	11,086	451,470	65,946	252,135	—	36,395	354,476	643,429	(7,923)	635,506
20039	1,166,651	229,738	293,248	21,678	544,664	78,315	299,427	—	164,631	542,373	764,116	(52,898)	711,218
20040	773,558	152,330	194,441	133,001	479,772	51,928	198,538	—	24,944	275,410	506,654	48,349	555,003
20041	882,887	173,859	221,922	11,781	407,562	59,267	228,598	—	28,193	314,058	578,261	(2,728)	575,533
20042	1,707,272	336,198	429,138	307,078	1,072,414	114,606	438,180	—	26,888	579,674	1,118,204	163,327	1,281,531
20043	2,149,005	423,184	540,172	84,922	1,048,278	144,259	551,553	—	119,938	815,750	1,407,524	17,423	1,424,947
20044	748,018	147,300	188,021	29,331	364,652	50,213	191,983	—	49,417	291,613	489,926	2,910	492,836
20045	2,419,915	476,532	608,268	100,944	1,185,744	162,444	621,084	—	82,993	866,521	1,584,961	(31,474)	1,553,487
20046	711,145	140,039	178,753	61,061	379,853	47,738	182,519	—	18,920	249,177	465,775	(7,148)	458,627
20047	2,317,095	456,285	582,423	26,814	1,065,522	155,542	594,695	—	170,310	920,547	1,517,617	(77,305)	1,440,312
20048	660,891	130,143	166,121	56,600	352,864	44,364	169,621	—	38,666	252,651	432,861	20,388	453,249
20049	3,130,439	616,449	786,864	97,398	1,500,711	210,141	803,444	—	69,016	1,082,601	2,050,330	15,812	2,066,142
20050	3,350,401	659,764	842,154	17,432	1,519,350	224,906	859,898	—	211,404	1,296,208	2,194,397	(125,813)	2,068,584
20051	355,319	69,970	89,313	30,646	189,929	23,852	91,194	—	10,481	125,527	232,721	16,922	249,643
20052	10,736,074	2,114,157	2,698,610	89,417	4,902,184	720,693	2,755,470	—	162,509	3,638,672	7,031,758	(101,492)	6,930,266
20053	1,215,245	239,307	305,463	82,551	627,321	81,577	311,899	—	161,326	554,802	795,943	(52,598)	743,345
20054	3,291,108	648,088	827,250	—	1,475,338	220,926	844,660	—	413,388	1,478,994	2,155,562	(214,059)	1,941,503
20055	2,278,603	448,705	572,748	293,173	1,314,626	152,958	584,815	—	24,644	762,417	1,492,406	79,379	1,571,785
20056	2,418,135	476,181	607,627	6,047	1,090,048	162,325	620,627	—	185,573	968,525	1,583,795	(94,399)	1,489,396
20057	473,859	93,313	119,109	61,811	274,233	31,809	121,618	—	54,987	208,414	310,361	16,499	326,860

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
20058	\$ 9,200,063	1,811,685	2,312,520	1,320,806	5,445,011	6,17,583	2,361,245	—	398,929	3,377,757	6,025,724	526,534	6,552,258
20059	22,611,468	4,452,671	5,683,599	1,619,967	11,756,237	1,517,866	5,803,352	—	125,240	7,446,458	14,809,732	781,620	15,591,352
20060	22,958,391	4,520,987	5,770,801	732,231	11,024,019	1,541,154	5,892,392	—	312,573	7,746,119	15,036,955	285,475	15,322,430
20061	2,325,643	457,968	584,571	307,981	1,350,520	156,116	596,888	—	63,505	816,509	1,523,216	63,526	1,586,742
20062	2,002,763	394,386	503,413	143,742	1,041,541	134,442	514,020	—	31,820	680,282	1,311,741	58,558	1,370,299
30001	439,213	86,490	110,400	83,480	280,370	29,484	112,726	—	19,055	161,265	287,669	37,591	325,260
30002	159,544	31,418	40,103	—	71,521	10,710	40,948	—	21,773	73,431	104,496	(13,411)	91,085
30003	2,004,730	394,773	503,907	356,176	1,254,856	134,574	514,525	—	81,432	730,531	1,313,029	129,890	1,442,919
30004	468,153	92,189	117,675	214,212	214,212	424,076	31,426	—	23,762	175,342	306,624	90,509	397,133
30005	246,426	48,526	61,941	36,723	147,190	16,542	63,247	—	19,317	99,106	161,401	10,073	171,474
30006	228,706	45,037	57,487	3,403	105,927	15,353	58,699	—	14,109	88,161	149,795	(5,849)	143,946
30007	39,036,107	7,687,026	9,812,082	3,905,455	21,404,563	2,620,421	10,018,823	—	2,028,413	14,667,657	25,567,305	1,269,257	26,836,562
30008	19,774,916	3,894,095	4,970,606	2,050,979	10,915,680	1,327,453	5,075,337	—	2,269,589	8,672,379	15,951,889	4,704	16,456,593
30009	7,671,592	1,510,697	1,928,325	889,793	4,328,815	514,980	1,968,955	—	173,609	2,657,544	5,024,629	394,464	5,419,093
30010	156,179	30,755	39,257	130,305	200,317	10,484	40,084	—	15,392	65,960	102,292	51,489	153,781
30011	61,039	12,020	15,343	15,374	42,737	4,097	15,666	—	1,997	21,760	39,978	6,572	46,550
30012	13,827,107	2,722,847	3,475,570	1,344,659	7,543,076	928,188	3,548,800	—	383,565	4,860,553	9,056,279	377,141	9,433,420
30013	2,909,015	572,846	731,208	302,392	1,606,446	195,277	746,614	—	94,726	1,036,617	1,905,305	99,751	2,005,056
30014	4,477,577	881,729	1,125,480	953,183	2,960,392	300,571	1,149,194	—	271,109	1,720,874	2,932,659	383,929	3,316,588
30015	8,061,901	1,587,557	2,026,432	627,055	4,241,044	541,180	2,069,129	—	97,219	2,707,528	5,280,268	217,514	5,497,782
30016	6,782,168	1,335,551	1,704,760	251,739	3,292,500	455,274	1,740,679	—	89,240	2,285,193	4,442,087	20,485	4,462,572
30017	102,409	20,166	25,741	19,329	65,236	6,875	26,284	—	5,049	38,208	67,074	8,326	75,400
30018	82,398	16,226	20,711	38,797	75,734	5,531	21,148	—	694	27,373	53,968	19,497	73,465
30019	11,623,066	2,288,825	2,921,564	249,420	5,459,809	780,235	2,983,121	—	294,632	4,057,988	7,612,708	(245,169)	7,367,539
30020	3,211,442	632,400	807,225	161,608	1,601,233	215,578	824,233	—	94,691	1,134,502	2,103,384	30,605	2,133,989
30021	49,826	9,812	12,524	5,830	28,166	3,345	12,788	—	6,915	23,048	32,634	(2,861)	29,773
30022	29,573	5,824	7,433	12,524	25,781	1,985	7,590	—	194	9,769	19,369	5,556	24,925
30023	17,491,691	3,444,480	4,396,696	330,030	8,171,206	1,174,185	4,489,335	—	795,232	6,458,752	11,456,455	(511,723)	10,944,732
30025	7,037,484	1,385,828	1,768,936	741,632	3,896,396	472,413	1,806,207	—	247,343	2,525,963	4,609,310	290,316	4,899,626
30026	3,770,252	742,441	947,687	554,917	2,245,045	253,090	967,655	—	133,455	1,354,200	2,469,385	259,817	2,729,202
30027	209,381	41,232	52,630	13,319	107,181	14,055	53,739	—	4,834	72,628	137,137	1,853	138,990
30028	4,960,841	976,893	1,246,953	265,992	2,489,838	333,012	1,273,226	—	375,434	1,981,672	3,249,180	(71,402)	3,177,778
30029	441,005	86,843	110,851	57,167	254,861	29,604	113,186	—	40,443	183,233	288,843	21,391	310,234
30030	6,112,708	1,203,720	1,536,485	662,143	3,402,348	410,335	1,568,859	—	93,941	2,073,135	4,003,613	290,853	4,294,466
30031	3,115,251	613,458	783,047	455,482	1,851,987	209,121	799,546	—	25,164	1,033,831	2,040,382	197,421	2,237,803
30032	3,314,508	652,696	833,132	111,277	1,597,105	222,497	850,686	—	159,803	1,232,986	2,170,888	(29,507)	2,141,381
30033	2,002,694	394,372	503,395	28,975	926,742	134,437	514,002	—	31,380	679,819	1,311,695	4,472	1,316,167
30034	740,155	145,752	186,045	41,092	372,889	49,685	189,965	—	14,294	253,944	484,776	7,375	492,151
30035	726,255	143,015	182,551	110,813	436,379	48,752	186,397	—	12,002	247,151	475,672	48,431	524,103
30036	2,118,604	417,197	532,530	65,492	1,015,219	142,218	543,751	—	163,740	849,709	1,387,613	(29,253)	1,358,360
30037	1,940,924	382,208	487,869	125,151	995,228	130,291	498,148	—	63,068	691,507	1,271,238	21,844	1,293,082
30038	900,135	177,255	226,257	200,139	603,651	60,424	231,024	—	20,611	312,059	589,558	103,719	693,277
30039	1,545,198	304,282	388,400	507,709	1,200,391	103,726	396,583	—	95,661	595,970	1,012,051	196,136	1,208,187
30040	1,307,828	257,539	328,735	258,333	844,607	87,792	335,661	—	43,210	466,663	856,582	90,566	947,148
30041	422,308	83,161	106,151	238,937	428,249	28,349	108,388	—	46,241	182,978	276,597	118,664	395,261
30042	751,977	148,080	189,016	64,775	401,871	50,479	192,999	—	15,087	258,565	492,519	10,166	502,685
30043	6,706,107	1,320,573	1,686,641	—	3,006,214	450,168	1,721,158	—	844,179	3,015,505	4,392,269	(482,227)	3,910,042
30044	1,846,561	363,626	464,150	207,742	1,035,518	123,956	473,930	—	71,063	668,949	1,209,434	46,913	1,256,347
30045	6,715,292	1,322,381	1,687,950	1,516,537	4,526,868	450,785	1,723,515	—	326,620	2,499,920	4,398,285	617,728	5,016,013
30046	2,747,205	540,982	690,535	93,256	1,324,773	184,415	705,085	—	291,790	1,181,290	1,799,325	(109,605)	1,689,720
30047	1,386,590	273,049	348,532	146,427	768,008	93,079	355,876	—	10,421	459,376	908,169	44,152	952,321
30048	1,005,361	197,977	252,707	109,575	560,259	67,488	258,031	—	59,724	385,243	658,477	5,244	663,721
30049	1,572,207	309,600	395,189	159,863	864,652	105,539	403,515	—	5,729	514,783	1,029,742	64,546	1,094,288
30050	1,716,431	338,001	431,441	194,366	963,800	115,221	440,531	—	28,211	583,963	1,124,203	71,725	1,195,928
30051	2,992,059	589,199	752,081	62,165	1,403,445	200,851	767,928	—	39,832	1,008,611	1,959,696	(9,443)	1,950,253
30052	1,110,726	219,191	—	497,916	74,561	285,074	74,561	—	76,204	435,839	727,487	(54,521)	672,966
30053	1,069,071	210,522	268,721	121,394	600,637	71,765	274,383	—	11,779	357,927	700,205	40,809	741,014
30054	1,619,233	318,861	407,009	218,927	944,797	108,699	415,585	—	44,931	569,212	1,060,542	80,183	1,140,725
30055	52,958	13,311	1,287	25,026	3,555	8,291	13,592	—	8,291	25,438	34,685	(4,850)	29,835
30056	710,020	139,818	178,470	32,340	350,628	47,662	182,230	—	44,124	274,016	465,039	(36,874)	428,165
30057	1,463,092	288,113	367,761	49,287	705,161	98,215	375,510	—	31,322	505,047	958,275	(1,883)	956,392
30058	1,608,829	316,812	404,394	373,930	1,095,136	107,998	412,914	—	70,610	591,522	1,053,728	157,622	1,211,350
30059	121,505	23,927	30,541	11,066	65,534	8,156	31,185	—	11,799	51,140	79,581	(512)	79,069
30060	475,150	93,567	119,433	15,475	228,475	31,896	121,950	—	58,353	212,199	311,207	(23,233)	287,974

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Total pension expense
30061	\$ 755,149	148,705	189,814	209,960	548,479	50,692	193,813	—	31,397	275,902	494,597	84,451	579,048
30062	116,311	22,904	29,236	48,208	100,348	7,808	29,852	—	7,587	45,247	76,180	23,392	99,572
30063	1,894,445	373,056	476,186	165,233	1,014,475	127,171	486,219	—	86,322	699,712	1,240,796	37,104	1,277,900
30064	182,427	35,924	45,855	5,775	87,554	12,246	46,821	—	27,888	86,955	119,484	(14,099)	105,385
30065	205,160	40,400	51,569	69,361	161,330	13,772	52,655	—	10,252	76,679	134,372	21,683	156,055
30066	2,734,249	538,431	687,278	431,707	1,657,416	183,545	701,759	—	116,976	1,002,280	1,790,839	115,092	1,905,931
30067	362,753	71,434	91,181	16,816	179,431	24,351	93,102	—	17,979	135,432	237,580	8,667	246,257
30068	257,253	50,658	64,663	47,820	163,141	17,269	66,025	—	1,238	84,532	168,492	22,451	190,943
30069	202,059	39,790	50,789	15,290	105,869	13,564	51,860	—	4,742	70,166	132,342	2,923	135,265
30070	659,000	129,771	165,646	73,451	368,868	44,237	169,136	—	9,365	222,738	431,622	24,693	456,315
30071	672,031	132,337	168,921	73,674	374,932	45,112	172,480	—	24,495	242,087	440,157	8,129	448,286
30072	5,629,962	1,108,657	1,415,142	1,434,601	3,958,400	377,929	1,444,960	—	106,910	1,929,799	3,687,431	670,291	4,357,722
30073	354,588	69,826	89,129	70,201	229,156	23,803	91,007	—	11,370	126,180	232,243	58,777	248,120
30074	322,276	63,463	81,007	71,020	215,490	21,634	82,714	—	22,507	126,855	211,080	27,989	239,069
30075	303,856	59,836	76,377	15,864	152,077	20,397	77,986	—	8,316	106,699	199,015	(2,059)	196,956
30076	1,075,198	211,729	270,261	145,356	627,346	72,176	275,955	—	65,223	413,354	704,217	6,339	710,556
30077	303,324	59,731	76,243	49,943	185,917	20,362	77,850	—	21,499	119,711	198,667	18,328	217,000
30078	306,036	60,265	76,925	70,315	207,505	20,544	78,546	—	9,320	108,410	200,443	38,813	239,256
30079	102,878	20,259	25,859	56,443	102,561	6,906	26,404	—	13,931	47,241	67,382	18,664	86,046
30080	1,638,886	322,731	411,949	180,131	914,811	110,015	420,629	—	34,913	565,557	1,073,414	74,310	1,147,724
30081	6,564,996	1,292,785	1,650,172	432,177	3,375,134	440,896	1,684,941	—	191,181	2,316,818	4,299,846	105,954	4,405,800
30082	622,088	122,502	156,368	146,011	424,881	41,760	159,662	—	38,565	239,987	407,446	57,660	465,106
30083	100,970	19,883	25,380	17,836	63,099	6,778	25,915	—	7,234	39,927	66,132	4,367	70,499
30084	214,553	42,250	53,930	10,453	106,633	14,403	55,066	—	11,180	80,649	140,525	1,530	142,055
30085	291,183	57,340	73,192	66,243	196,775	19,547	74,734	—	52,734	147,015	190,715	5,565	196,280
30086	201,730	39,725	50,707	6,210	96,642	13,542	51,775	—	15,221	80,538	132,127	27	132,154
30087	3,003,645	591,481	754,994	8,200	1,354,675	201,629	770,901	—	124,126	1,096,656	1,967,284	(75,487)	1,891,797
30088	1,576,967	310,538	396,385	263,751	970,674	105,859	404,737	—	208,190	718,786	1,032,859	12,640	1,045,499
30089	3,743,791	737,231	941,036	252,808	1,931,075	251,314	960,864	—	16,491	1,228,669	2,452,054	103,961	2,556,015
30090	526,147	103,609	132,252	83,133	318,994	35,319	135,038	—	41,290	211,647	344,608	2,978	347,586
30091	318,698	62,758	80,108	30,678	173,544	21,394	81,796	—	5,847	109,037	208,736	4,772	213,508
30092	1,170,780	230,551	294,286	102,018	626,855	78,592	300,487	—	14,898	393,977	766,821	16,179	783,000
30093	152,212	29,974	38,260	26,825	95,059	10,218	39,066	—	7,856	57,140	99,694	11,788	111,482
30094	6,579,614	1,295,664	1,653,846	97,006	3,046,516	441,677	1,688,693	—	1,100,526	3,230,896	4,309,420	(610,490)	3,698,930
30095	865,241	170,384	217,486	134,395	522,265	58,082	222,069	—	34,785	314,936	566,703	37,620	604,323
30096	309,390	60,925	77,768	13,832	152,525	20,769	79,407	—	56,909	157,085	202,640	(13,946)	188,694
30097	1,010,159	198,921	253,913	57,176	510,010	67,810	259,263	—	48,375	375,448	661,619	(4,486)	657,133
30098	424,591	83,611	106,725	75,988	266,324	28,502	108,974	—	15,570	153,046	278,092	34,129	312,221
30099	650,705	128,137	163,561	94,079	385,777	43,681	167,007	—	28,214	238,902	426,189	35,141	461,330
30100	61,154	12,042	15,372	3,758	31,172	4,105	15,695	—	10,120	29,920	40,054	(2,802)	37,252
30101	68,694	13,527	17,267	23,990	54,784	4,611	17,631	—	3,506	25,748	44,992	17,148	62,140
30102	112,380	22,130	28,248	14,908	65,286	7,544	28,843	—	1,425	37,812	73,605	5,572	79,177
30103	204,933	40,356	51,512	20,041	111,909	13,757	52,597	—	23,006	89,360	134,224	(1,533)	132,691
30104	2,310,625	455,010	580,797	216,403	1,252,210	155,108	593,034	—	20,203	768,345	1,513,380	92,883	1,606,263
30105	41,634	8,199	10,465	38,352	57,016	2,795	10,686	—	7,281	20,762	27,269	13,892	41,161
30106	178,464	35,143	44,859	37,969	117,971	11,980	45,804	—	11,842	69,626	116,888	9,210	126,098
30107	106,537	20,979	26,779	17,201	64,959	7,152	27,343	—	3,123	37,618	69,778	8,258	78,036
30108	124,780	24,572	31,365	15,401	71,338	8,376	32,026	—	778	41,180	81,727	5,374	87,101
30109	125,523	24,718	31,551	16,188	72,457	8,426	32,216	—	5,826	46,468	82,213	605	82,818
30110	104,905	20,658	26,369	68,067	115,094	7,042	26,924	—	3,759	37,725	68,709	27,467	96,176
30111	212,876	41,920	53,508	104,341	199,769	14,290	54,636	—	49,764	118,690	139,426	12,897	152,323
30112	403,652	79,487	101,462	13,169	194,118	27,096	103,599	—	33,361	164,056	264,378	(2,884)	261,494
30113	145,050	28,563	36,460	29,996	95,019	9,737	37,228	—	17,295	64,260	95,003	(6,319)	88,684
30114	83,376	16,418	20,957	16,812	54,187	5,597	21,399	—	2,900	29,896	54,608	5,514	60,122
30115	327,961	64,582	82,436	8,851	155,869	22,015	84,173	—	11,201	117,389	214,803	248	215,051
30116	362,971	71,477	91,236	72,830	235,543	24,366	93,158	—	5,542	123,066	237,734	28,366	266,100
30117	58,998	11,618	14,830	33,908	60,356	3,960	15,142	—	2,099	21,201	38,642	15,669	54,311
30118	304,916	60,044	76,643	24,396	161,063	10,468	78,258	—	11,221	109,947	199,710	11,292	211,002
30119	206,153	40,596	51,818	17,947	110,361	13,839	52,910	—	7,957	74,706	135,023	12,081	147,104
30120	79,179	15,592	19,902	24,042	59,536	5,315	20,322	—	9,208	34,845	51,859	5,416	57,275
30121	681,912	134,283	171,405	140,472	446,160	45,775	175,016	—	2,875	223,666	446,629	70,556	517,185
30122	181,731	35,787	45,680	26,156	107,623	12,199	46,642	—	8,446	67,287	119,028	6,581	125,609
30123	142,604	28,082	35,845	53,932	117,859	9,573	36,600	—	11,872	58,045	93,400	18,152	111,552
30124	132,123	26,018	33,210	22,277	81,505	8,869	33,910	—	1,827	44,606	86,536	6,818	93,354

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30125	\$ 55,179	10,866	13,870	15,726	40,462	3,704	14,162	—	18,930	36,796	36,141	1,878	38,019
30126	1,178,904	232,151	296,328	110,527	639,006	79,138	302,572	—	24,836	406,546	772,142	60,687	832,829
30127	81,069	15,964	20,377	17,849	54,190	5,442	20,807	—	11,952	38,201	53,097	3,078	56,175
30128	114,703	22,587	28,832	5,987	57,406	7,700	29,439	—	13,256	50,395	75,127	(4,944)	70,183
30129	86,227	16,980	21,674	8,319	46,973	5,788	22,130	—	27,939	55,857	56,475	(12,748)	43,727
30130	167,226	32,930	42,034	18,422	93,386	11,226	42,920	—	25,337	79,483	109,528	(5,966)	103,562
30131	97,412	19,182	24,485	5,434	49,101	6,539	25,001	—	13,842	45,382	63,801	(2,899)	60,902
30132	174,778	34,417	43,932	59,297	137,646	11,733	44,858	—	10,324	66,915	114,474	26,788	141,262
30133	69,503	13,687	17,470	25,519	56,676	4,666	17,838	—	10,825	33,329	45,522	10,755	56,277
30134	240,458	47,351	60,441	12,621	120,413	16,142	61,715	—	33,001	110,858	157,492	(13,198)	144,294
30135	51,402	10,122	12,920	10,512	33,554	3,451	13,193	—	1,597	18,241	33,667	3,856	37,523
30136	151,489	29,831	38,078	360	68,269	10,169	38,880	—	38,123	87,172	99,220	(14,835)	84,385
30137	171,564	33,784	43,124	4,949	81,857	11,517	44,033	—	24,090	79,640	112,368	(5,297)	107,071
30138	184,698	36,371	46,426	14,396	97,193	12,398	47,404	—	10,568	70,370	120,971	788	121,759
30139	88,008	17,331	22,122	1,933	41,386	5,908	22,588	—	18,424	46,920	57,642	(11,028)	46,614
30140	89,177	17,561	22,416	30,193	70,170	5,986	22,888	—	19,144	48,018	58,408	2,878	61,286
30141	179,491	35,346	45,117	18,476	98,939	12,049	46,067	—	12,510	70,626	117,561	6,531	124,092
30142	268,766	52,926	67,557	129,796	250,279	18,042	68,980	—	24,692	111,714	176,033	53,919	229,952
30143	1,565,212	308,223	393,430	291,493	993,146	105,070	401,720	—	33,475	540,265	1,025,160	123,568	1,148,728
30144	232,527	45,789	58,448	6,124	110,361	15,609	59,679	—	32,233	107,521	152,297	(12,709)	139,588
30145	114,600	22,567	28,806	29,056	80,429	7,893	29,413	—	6,366	43,472	75,059	10,825	85,884
30146	53,198	10,476	13,372	26,806	50,654	3,571	13,653	—	4,391	21,615	34,843	13,858	48,701
30147	41,801	8,232	10,507	4,319	23,058	2,806	10,729	—	4,862	18,397	27,378	(1,607)	25,771
30148	1,360,647	267,940	342,011	311,543	921,494	91,338	349,217	—	41,794	482,349	891,177	150,711	1,041,888
30149	409,525	80,644	102,938	11,612	195,194	27,491	105,107	—	21,394	153,992	268,225	(6,057)	262,168
30150	123,554	24,330	31,056	8,893	64,279	8,294	31,711	—	27,182	67,187	80,923	(7,048)	73,875
30151	489,686	96,429	123,087	72,104	291,620	32,872	125,681	—	12,617	171,170	320,728	25,424	346,152
30152	361,335	71,154	90,825	71,115	233,094	24,256	92,739	—	21,788	138,783	236,662	20,595	257,257
30153	489,084	96,311	122,936	13,168	232,415	32,831	125,526	—	5,570	163,927	320,333	1,519	321,852
30154	1,198,328	235,976	301,211	189,571	726,758	80,442	307,557	—	30,873	418,872	784,864	77,354	862,218
30155	38,466	7,575	9,669	28,801	46,045	2,582	9,873	—	4,727	17,182	25,194	10,562	35,756
30156	460,720	90,725	115,806	8,574	215,105	30,927	118,246	—	74,500	223,673	301,756	(44,564)	257,192
30157	207,547	40,870	52,169	8,818	101,857	13,932	53,268	—	14,898	82,998	135,936	(3,413)	132,523
30158	188,324	37,085	47,337	39,376	123,798	12,642	48,334	—	10,328	71,304	123,346	17,696	141,042
30159	167,942	33,071	42,214	37,570	112,855	11,274	43,103	—	7,830	62,207	109,996	12,125	122,121
30160	137,401	27,057	34,537	15,751	77,345	9,223	35,265	—	7,998	52,486	89,993	(759)	89,234
30161	112,641	22,181	28,313	2,741	53,235	7,561	28,910	—	6,804	43,275	73,776	(3,578)	70,198
30162	102,096	20,105	25,663	25,247	71,015	6,854	26,204	—	10,028	43,086	66,870	2,425	69,295
30163	129,109	25,424	32,453	6,762	64,639	8,667	33,136	—	15,976	57,779	84,562	(6,153)	78,409
30164	222,184	43,753	55,848	19,625	119,226	14,915	57,025	—	27,030	98,970	145,523	1,633	147,156
30165	116,944	23,029	29,395	23,750	76,174	7,850	30,014	—	9,676	47,540	76,594	12,417	89,011
30166	35,625	7,015	8,955	22,088	38,058	2,391	9,143	—	1,462	12,996	23,333	6,529	29,862
30167	278,358	54,814	69,968	91,889	216,671	18,686	71,442	—	14,560	104,688	182,315	42,288	224,603
30168	52,750	10,387	13,259	14,483	38,129	3,541	13,538	—	9,868	26,947	34,549	6,814	41,363
30169	1,551,622	305,547	390,014	83,895	779,456	104,157	398,232	—	49,668	552,057	1,016,259	33,913	1,050,172
30170	95,647	18,835	24,042	35,991	78,868	6,421	24,548	—	12,053	43,022	62,645	14,459	77,104
30171	468,030	92,165	117,643	24,073	233,881	31,418	120,122	—	54,327	205,867	306,543	(8,845)	297,698
30172	157,291	30,974	39,537	1,166	10,559	10,559	40,370	—	10,119	61,048	103,020	(9,962)	93,058
30173	162,828	32,064	40,928	—	72,992	10,930	41,791	—	30,945	83,666	106,647	(22,674)	83,973
30174	450,253	88,664	113,175	125,873	327,712	30,225	115,560	—	12,002	157,787	294,900	61,015	355,915
30175	79,190	15,594	19,905	22,170	57,669	5,316	20,325	—	7,940	33,581	51,867	3,659	55,526
30176	95,584	18,823	24,026	54,120	96,969	6,416	24,532	—	7,799	38,747	62,604	22,151	84,755
30177	109,552	21,573	27,537	7,371	56,481	7,354	28,117	—	6,996	42,467	71,753	101	71,854
30178	109,920	21,645	27,629	23,026	72,300	7,379	28,211	—	7,913	43,503	71,994	10,327	82,321
30179	187,583	36,939	47,151	24,216	108,306	12,592	48,144	—	33,991	94,727	122,860	4,148	127,008
30180	369,597	72,781	92,902	35,847	201,530	24,810	94,859	—	7,976	127,645	242,073	20,485	262,558
30181	88,382	17,404	22,216	33,685	73,305	5,933	22,684	—	4,063	32,680	57,887	12,270	70,157
30182	109,627	21,588	27,556	23,346	72,490	7,359	28,136	—	8,632	44,127	71,802	14,683	86,485
30183	143,764	28,310	36,136	20,593	85,039	9,651	36,898	—	17,685	64,234	94,161	1,801	95,962
30184	195,247	38,448	49,077	58,013	145,538	13,107	50,111	—	14,427	77,645	127,880	19,294	147,174
30185	487,836	96,065	122,622	61,630	280,317	32,748	125,206	—	13,863	171,817	319,516	15,903	335,419
30186	149,303	29,401	37,529	64,031	130,961	10,022	38,320	—	5,721	54,063	97,789	28,506	126,295
30187	78,340	15,427	19,691	4,250	39,368	5,259	20,106	—	7,599	32,964	51,310	(7,335)	43,975
30188	49,359	9,720	12,407	16,371	38,498	3,313	12,668	—	2,048	18,029	32,328	4,138	36,466



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30189	\$ 244,700	48,187	61,508	41,876	151,571	16,426	62,804	—	5,058	84,288	160,270	10,798	171,068
30190	981,989	193,374	246,832	25,612	465,818	65,919	252,033	—	23,015	340,967	643,169	(22,047)	621,122
30191	225,840	44,473	56,767	6,092	107,332	15,160	57,963	—	38,010	111,133	147,917	(14,977)	132,940
30192	247,492	48,736	62,209	39,366	150,311	16,614	63,520	—	9,709	89,843	162,099	21,965	184,064
30193	46,825	9,221	11,770	5,745	26,736	3,143	12,018	—	10,542	25,703	30,669	(3,094)	27,575
30194	83,393	16,422	20,962	11,498	48,882	5,598	21,403	—	22,479	49,480	54,619	(8,577)	46,042
30195	79,571	15,669	20,001	—	35,670	5,341	20,422	—	8,862	34,625	52,116	(7,262)	44,854
30196	82,994	16,343	20,861	58,895	96,099	5,571	21,301	—	4,719	31,591	54,358	27,668	82,026
30197	154,217	30,369	38,764	10,030	79,163	10,352	39,581	—	40,701	90,634	101,007	(14,988)	86,019
30198	81,708	16,090	20,538	9,207	45,835	5,485	20,971	—	7,629	34,085	53,516	(356)	53,160
30199	98,604	19,417	24,785	9,663	53,865	6,619	25,307	—	9,398	41,324	64,582	(804)	63,778
30200	44,939	8,849	11,296	14,437	34,582	3,017	11,534	—	4,447	18,998	29,433	4,871	34,304
30201	1,506,218	296,606	378,602	206,865	882,073	101,110	386,579	—	12,013	499,702	986,521	106,550	1,109,071
30202	125,439	24,701	31,530	35,336	91,567	8,420	32,194	—	6,467	47,081	82,158	17,486	99,644
30203	125,733	24,760	31,604	26,305	82,669	8,440	32,270	—	10,466	51,176	82,351	7,542	89,893
30204	246,988	48,637	62,083	10,117	120,837	16,580	63,391	—	19,763	99,734	161,768	(862)	160,906
30205	63,140	12,434	15,871	34,999	63,304	4,238	16,205	—	6,246	26,689	41,355	9,007	50,362
30206	36,516	7,191	9,179	33,149	49,519	2,451	9,372	—	1,957	13,780	23,917	13,160	37,077
30207	158,833	31,278	39,924	26,034	97,236	10,662	40,765	—	8,559	59,986	104,030	6,772	110,802
30208	46,879	9,231	11,783	26,968	47,982	3,147	12,032	—	374	15,553	30,704	18,227	48,931
30209	1,404,373	276,550	353,002	123,702	753,254	94,273	360,440	—	28,198	482,911	919,816	38,528	958,344
30210	730,812	143,912	183,696	101,976	429,584	49,058	187,567	—	35,147	271,772	478,657	36,251	514,908
30211	767,259	151,089	192,858	65,520	409,467	51,505	196,921	—	41,740	290,166	502,528	25,441	527,969
30212	155,618	30,644	39,116	12,188	81,948	10,446	39,940	—	30,742	81,128	101,925	(3,940)	97,985
30213	306,717	60,399	77,096	10,545	148,400	20,589	78,721	—	32,332	131,642	200,889	(7,413)	193,476
30214	77,226	15,207	19,412	5,860	40,479	5,184	19,821	—	30,240	55,245	50,581	(15,488)	35,093
30215	119,147	23,462	29,949	5,796	59,207	7,998	30,580	—	6,622	45,200	78,037	1,243	79,280
30216	327,647	64,521	82,357	13,418	160,296	21,994	84,092	—	25,239	131,325	214,597	(14,684)	199,913
30217	137,091	26,996	34,459	236	61,691	9,203	35,185	—	5,583	49,971	89,790	(4,154)	85,636
30218	141,764	27,916	35,634	5,295	68,845	9,516	36,384	—	27,993	73,893	92,850	(15,222)	77,628
30219	80,485	15,849	20,231	6,748	42,828	5,403	20,657	—	20,952	47,012	52,715	(8,065)	44,650
30220	738,231	145,373	185,561	51,056	381,990	49,556	189,471	—	2,871	241,898	483,516	16,605	500,121
30221	76,668	15,097	19,271	14,498	48,866	5,147	19,677	—	3,417	19,677	50,215	7,177	57,392
30222	1,189,993	234,334	299,116	132,308	665,758	79,882	305,418	—	36,324	421,624	779,404	47,788	827,192
30223	137,035	26,985	34,445	20,885	82,315	9,199	35,171	—	8,097	52,467	89,753	9,065	98,818
30224	396,824	78,143	99,745	62,840	240,728	26,638	101,847	—	6,342	134,827	259,906	29,265	289,171
30225	148,786	29,299	37,399	35,352	102,050	9,988	38,187	—	51,806	99,981	97,450	(4,504)	92,946
30226	48,720	9,594	12,246	27,291	49,131	3,270	12,504	—	15,958	31,732	31,910	10,931	42,841
30227	310,249	61,095	77,984	7,542	146,621	20,826	79,627	—	9,273	109,726	203,202	2,573	205,775
30228	50,731	9,990	12,752	24,133	46,875	3,405	13,020	—	1,775	18,200	33,227	18,317	51,544
30229	343,905	67,722	86,444	119,880	274,046	23,086	88,265	—	693	112,044	225,246	69,489	294,735
30230	75,522	14,872	18,983	11,228	45,083	5,070	19,383	—	15,124	39,577	49,464	(6,261)	43,203
30231	263,455	51,880	66,222	13,708	131,810	17,685	67,617	—	45,335	130,637	172,554	(13,676)	158,878
30232	654,604	128,905	164,541	56,816	350,262	43,942	168,008	—	15,973	227,923	428,743	10,610	439,353
30233	131,751	25,945	33,117	46,036	105,098	8,844	33,815	—	1,679	44,338	86,292	104,282	104,282
30234	348,664	68,659	87,640	56,898	213,197	23,405	89,486	—	8,062	120,953	228,363	28,488	256,851
30235	119,976	23,626	30,157	22,113	75,896	8,054	30,792	—	11,406	50,252	78,580	7,982	86,562
30236	177,378	34,930	44,586	18,056	38,540	11,907	45,525	—	23,794	81,226	116,177	7,834	124,011
30237	862,119	169,769	216,702	83,117	469,588	57,872	221,267	—	32,176	311,315	564,658	39,506	604,164
30238	620,853	122,259	156,057	39,489	317,805	41,677	159,345	—	740	201,762	406,637	17,353	423,990
30239	117,027	23,045	29,416	11,650	64,111	7,856	30,035	—	2,787	40,678	76,648	2,231	78,879
30240	91,643	18,046	23,035	3,804	44,885	6,152	23,521	—	17,609	47,282	60,023	(6,253)	53,770
30241	458,395	90,268	115,222	9,375	214,865	30,771	117,649	—	66,559	214,979	300,233	(29,986)	270,247
30242	570,948	112,432	2,897	258,842	38,327	146,537	146,537	—	148,154	333,018	373,951	(63,126)	310,825
30243	165,756	32,641	41,664	66,647	140,952	11,127	42,542	—	3,289	56,958	108,564	25,702	134,266
30244	64,797	12,760	16,287	45,200	74,247	4,350	16,631	—	29,617	50,598	42,440	10,799	53,239
30245	28,280	5,569	7,109	12,321	24,999	1,898	7,258	—	7,712	16,868	18,523	2,029	20,552
30246	41,207	8,114	10,358	17,117	35,589	2,766	10,576	—	9,424	22,766	26,989	3,470	30,459
30247	154,978	30,518	38,955	34,759	104,232	10,403	39,776	—	2,167	52,346	101,505	18,096	119,601
30248	118,959	23,426	29,902	12,035	65,363	7,986	30,532	—	25,090	63,608	77,914	(8,944)	68,970
30249	162,712	32,041	40,899	3,011	75,951	10,923	41,761	—	12,183	64,867	106,571	(6,069)	100,502
30250	1,062,331	209,195	267,027	73,152	549,374	71,312	272,653	—	44,231	388,196	695,790	(402)	695,388
30251	117,442	23,127	29,520	35,900	88,547	7,884	30,142	—	4,697	42,723	76,920	15,404	92,324
30252	145,516	28,655	36,577	36,284	101,516	9,768	37,348	—	8,340	55,456	95,308	15,045	110,353

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30253	\$ 226,768	44,655	57,000	45,040	146,695	15,223	58,201	—	2,464	75,888	148,525	19,989	168,514
30254	137,102	26,998	34,462	11,660	73,120	9,203	35,188	—	31,297	75,688	89,797	(9,167)	80,630
30255	71,776	14,134	18,042	15,042	47,218	4,818	18,422	—	27,805	51,045	47,011	(1,625)	45,386
30256	254,235	50,064	63,904	38,567	152,535	17,066	65,251	—	6,313	88,630	166,515	8,040	174,555
30257	68,035	13,397	17,101	11,668	42,166	4,567	17,461	—	1,805	23,833	44,560	6,207	50,767
30258	79,464	15,648	19,974	6,131	41,753	5,334	20,395	—	1,756	27,485	52,046	1,177	53,223
30259	235,805	46,435	59,272	56,510	162,217	15,829	60,521	—	17,614	93,964	154,444	10,887	165,331
30260	82,051	16,158	20,624	9,812	46,594	5,508	21,059	—	4,200	30,767	53,741	4,592	58,333
30261	83,471	16,437	20,981	8,989	46,407	5,603	21,423	—	3,887	30,913	54,671	2,453	57,124
30262	145,601	28,672	36,598	38,706	103,976	9,774	37,369	—	10,988	58,131	95,363	16,813	112,176
30263	531,111	104,587	133,500	158,365	396,452	35,652	136,312	—	23,233	195,197	347,859	61,846	409,705
30264	166,963	32,878	41,968	9,967	84,813	11,208	42,852	—	24,227	78,287	109,355	(12,452)	96,903
30265	166,947	32,875	41,964	14,250	89,089	11,207	42,848	—	6,659	60,714	109,344	1,359	110,703
30266	95,933	18,891	24,114	28,343	71,348	6,440	24,622	—	9,196	40,258	62,833	8,495	71,328
30267	91,369	17,993	22,967	12,757	53,717	6,133	23,450	—	3,299	32,882	59,844	3,231	63,075
30268	346,694	68,271	87,145	28,957	184,373	23,273	88,981	—	30,015	142,269	227,073	504	227,577
30269	61,629	12,136	15,491	23,103	50,730	4,137	15,817	—	7,698	27,652	40,365	8,157	48,522
30270	158,856	31,282	39,930	41,682	112,894	10,664	40,771	—	4,885	56,320	104,045	13,809	117,854
30271	177,169	34,888	44,533	45,371	124,792	11,893	45,471	—	5,536	62,900	116,040	9,380	125,420
30272	87,239	17,179	21,928	5,917	45,024	5,856	22,390	—	12,678	40,924	57,139	(8,278)	48,861
30273	27,126	5,342	6,818	8,957	21,117	1,821	6,962	—	2,163	10,946	17,767	2,926	20,693
30274	27,356	5,387	6,876	8,820	21,083	1,836	7,021	—	2,198	11,055	17,917	1,130	19,047
30275	523,532	103,094	131,595	68,618	303,307	35,144	134,367	—	27,951	197,462	342,896	23,523	366,419
30276	507,396	99,917	127,539	92,597	320,053	34,061	130,226	—	49,794	214,081	332,327	24,974	357,301
30277	51,130	10,069	12,852	8,295	31,216	3,432	13,123	—	9,106	25,661	33,488	1,968	35,456
30278	70,993	13,980	17,845	16,849	48,674	4,766	18,221	—	2,687	25,674	46,498	5,783	52,281
30279	450,179	88,650	113,156	62,997	264,803	30,220	115,541	—	13,268	159,029	294,851	30,730	325,581
30280	165,556	32,602	41,614	68,758	142,974	11,113	42,491	—	4,484	58,088	108,434	32,515	140,949
30281	1,208,650	238,008	303,805	191,236	733,049	81,134	310,206	—	16,541	407,881	791,624	87,519	879,143
30282	73,184	14,411	18,395	36,116	68,922	4,913	18,783	—	5,977	29,673	47,933	14,119	62,052
30283	1,064,541	209,630	267,582	130,870	608,082	71,461	273,220	—	79,909	424,590	697,238	(7,974)	689,264
30284	81,873	16,123	20,580	26,254	62,957	5,496	21,013	—	8,931	35,440	53,624	10,986	64,610
30285	417,540	82,222	104,952	71,863	259,037	28,029	107,164	—	13,936	149,129	273,474	23,168	296,642
30286	413,641	81,455	103,972	49,963	235,390	27,767	106,163	—	122,350	256,280	270,921	(23,581)	247,340
30287	160,939	31,692	40,454	796	72,942	10,804	41,306	—	13,546	65,656	105,410	(15,855)	89,555
30288	97,489	19,198	24,505	44,052	87,755	6,544	25,021	—	6,102	37,667	63,852	20,216	84,068
30289	95,265	18,760	23,946	23,613	66,319	6,395	24,450	—	3,349	34,194	62,395	11,127	73,522
30290	66,012	12,999	16,593	24,122	53,714	4,431	16,942	—	9,304	30,677	43,236	6,649	49,885
30291	672,734	132,475	169,098	184,986	486,559	45,159	172,661	—	24,217	242,037	440,617	60,473	501,090
30292	84,439	16,628	21,224	18,528	56,380	5,668	21,672	—	1,084	28,424	55,304	7,687	62,991
30293	46,016	9,061	11,566	12,570	33,197	3,089	11,810	—	14,665	29,564	30,139	(2,043)	28,096
30294	46,207	9,099	11,614	17,190	37,903	3,102	11,859	—	7,398	22,359	30,264	6,915	37,179
30295	136,103	26,802	34,211	28,800	89,813	9,136	34,932	—	4,892	48,960	89,143	12,624	101,767
30296	244,424	48,132	61,438	37,754	147,324	16,408	62,733	—	21,225	100,366	160,089	13,534	173,623
30297	59,140	11,646	14,865	4,931	31,442	3,970	15,179	—	2,198	21,347	38,734	2,890	41,624
30298	116,350	22,912	29,246	21,020	73,178	7,810	29,862	—	22,621	60,293	76,205	(893)	75,312
30299	161,016	31,707	40,473	21,663	93,843	10,809	41,326	—	30,101	82,236	105,460	(8,545)	96,915
30300	377,018	74,243	94,767	66,233	235,243	25,309	96,764	—	12,439	134,512	246,934	31,359	278,293
30301	21,483	4,230	5,400	26,807	36,437	1,442	5,514	—	2,337	9,293	14,071	12,086	26,157
30302	241,730	47,602	60,761	12,341	120,704	16,227	62,041	—	9,727	87,995	158,325	(3,374)	154,951
30303	425,356	83,762	106,917	31,144	221,823	28,553	109,170	—	45,542	183,265	278,594	(13,712)	264,882
30304	198,133	39,017	49,803	39,220	128,040	13,300	50,852	—	24,445	88,597	129,770	15,080	144,850
30305	387,657	76,338	97,441	58,316	232,095	26,023	99,494	—	47,094	172,611	253,902	1,065	254,967
30306	88,724	17,472	22,302	19,602	59,376	5,956	22,772	—	22,362	51,090	58,111	3,652	61,763
30307	672,230	132,376	168,971	194,302	495,649	45,126	172,531	—	45,284	262,941	440,288	81,098	521,386
30308	176,996	34,854	44,490	18,336	97,680	11,881	45,427	—	14,918	72,226	115,926	(2,176)	113,750
30309	75,045	14,778	18,863	4,057	37,698	5,038	19,261	—	12,518	36,817	49,152	(5,368)	43,784
30310	41,622	8,196	10,462	13,750	32,408	2,794	10,683	—	3,993	17,470	27,261	5,046	32,307
30311	1,064,222	209,568	267,502	64,322	541,392	71,439	273,138	—	34,368	378,945	697,029	1,039	698,068
30312	209,606	41,276	52,686	30,803	124,765	14,070	53,796	—	16,691	84,557	137,285	2,149	139,434
30313	388,896	76,582	97,752	14,488	188,822	26,106	99,812	—	41,342	167,260	254,713	(16,716)	237,997
30314	41,354	8,144	10,395	18,058	36,597	2,776	10,614	—	4,374	17,764	27,086	5,940	33,026
30315	65,476	12,894	16,458	13,593	42,945	4,395	16,805	—	5,301	26,501	42,885	4,304	47,189
30316	143,088	28,177	35,967	37,303	101,447	9,605	36,724	—	17,809	64,138	93,718	12,199	105,917

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30317	\$ 68,600	13,509	17,243	8,112	38,864	4,605	17,607	—	4,473	26,685	44,931	(146)	44,785
30318	67,593	13,311	16,990	4,537	52,003	17,348	1,275	—	1,275	23,160	44,271	8,580	52,851
30319	41,957	8,262	10,546	21,913	40,721	2,816	10,768	—	3,154	16,738	27,480	8,669	36,149
30320	49,860	9,818	12,533	13,740	36,091	3,347	12,797	—	12,465	28,609	32,657	1,786	34,443
30321	133,611	26,311	33,584	10,128	70,023	8,969	34,292	—	23,397	66,658	87,511	(4,274)	83,237
30322	70,326	13,849	17,677	23,395	54,921	4,721	18,049	—	3,354	26,124	46,061	11,545	57,606
30323	584,495	115,099	146,918	14,352	276,369	39,236	150,014	—	65,536	254,786	382,824	(24,204)	358,620
30324	37,861	7,456	9,517	13,554	30,527	2,542	9,717	—	5,489	17,748	24,798	(2,258)	22,540
30325	36,453	7,178	9,163	2,686	19,027	2,447	9,356	—	13,991	25,794	23,875	(4,093)	19,782
30326	103,483	20,378	26,012	34,080	80,470	6,947	26,560	—	22,454	55,961	67,778	10,385	78,163
30327	157,779	31,070	39,659	32,731	103,460	10,591	40,495	—	10,459	61,545	103,340	11,478	114,818
30328	44,360	8,735	11,150	7,659	27,544	2,978	11,385	—	8,248	22,611	29,054	673	29,727
30329	156,278	30,774	39,282	21,972	92,028	10,491	40,110	—	4,906	55,507	102,357	6,479	108,836
30330	132,222	26,037	33,235	40,488	99,760	8,876	33,935	—	16,945	59,756	86,601	11,192	97,793
30331	48,546	9,560	12,202	11,609	33,371	3,259	12,460	—	4,649	20,368	31,796	(724)	31,072
30332	48,539	9,558	12,201	3,986	25,745	3,258	12,458	—	7,776	23,492	31,791	(6,116)	25,675
30333	2,411,364	474,848	606,118	150,750	1,231,716	161,870	618,889	—	53,090	833,849	1,579,361	48,121	1,627,482
30334	80,104	15,774	20,135	17,818	53,727	5,377	20,559	—	15,083	41,019	52,465	894	53,359
30335	268,591	52,891	67,513	6,775	127,179	18,030	68,935	—	21,809	108,774	175,918	(4,523)	171,395
30336	228,438	44,984	57,420	5,922	108,326	15,335	58,630	—	20,708	94,673	149,619	(7,675)	141,944
30337	15,024	2,959	3,776	3,159	9,894	1,009	3,856	—	2,711	7,576	9,840	328	10,168
30338	159,689	31,446	40,139	—	71,585	10,720	40,985	—	14,695	66,400	104,591	(8,718)	95,873
30339	149,222	29,385	37,508	—	66,893	10,017	38,299	—	19,572	67,888	97,735	(7,448)	90,287
30340	83,694	16,481	21,037	6,064	43,582	5,818	21,480	—	10,792	37,890	54,817	(2,154)	52,663
30341	222,057	43,728	55,816	12,241	111,785	14,906	56,992	—	2,584	74,482	145,440	1,690	147,130
30342	921,654	181,493	231,666	108,554	521,713	61,869	236,547	—	29,398	327,814	603,652	173	603,825
30343	91,490	18,016	22,997	25,762	66,775	6,142	23,481	—	14,368	43,991	59,923	5,292	65,215
30344	75,334	14,835	18,936	18,180	51,951	5,057	19,335	—	10,486	34,878	49,341	4,083	53,424
30345	55,524	10,934	13,956	7,179	32,069	3,727	14,250	—	2,259	20,236	36,366	2,116	38,482
30346	70,858	13,953	17,811	4,460	36,224	4,757	18,186	—	12,399	35,342	46,410	(4,350)	42,060
30347	402,969	79,353	101,290	61,209	241,852	27,051	103,424	—	742	131,217	263,931	35,888	299,819
30348	137,191	27,016	34,484	12,428	73,928	9,209	35,211	—	7,116	51,536	89,856	(2,336)	87,520
30349	164,136	32,322	41,257	48,688	122,267	11,018	42,126	—	15,237	68,361	107,503	12,429	119,932
30350	358,461	70,588	90,102	43,309	203,999	24,063	92,001	—	9,209	125,273	234,779	7,704	242,483
30351	67,030	13,200	16,849	46,726	16,677	4,500	17,204	—	3,282	24,986	43,902	3,618	47,520
30352	190,154	37,445	47,797	2,390	87,632	12,765	48,804	—	10,441	72,010	124,544	(3,218)	121,326
30353	414,265	81,578	104,129	101,340	287,047	27,809	106,323	—	9,982	144,114	271,330	45,480	316,810
30354	45,757	9,010	11,501	20,471	40,982	3,072	11,744	—	2,756	17,572	29,969	9,964	39,933
30355	62,714	12,350	15,764	31,066	59,180	4,210	16,096	—	2,880	23,186	41,075	14,564	55,639
30356	152,717	30,073	38,387	6,202	74,662	10,252	39,196	—	15,132	64,580	100,024	(3,966)	96,058
30357	655,959	129,172	164,881	12,411	306,464	44,033	168,355	—	84,227	296,615	429,631	(45,955)	383,676
30358	61,469	12,105	15,451	16,752	44,308	4,126	15,776	—	28,272	48,174	40,260	(3,225)	37,035
30359	102,082	20,102	25,659	23,133	68,894	6,853	26,200	—	14,000	47,053	66,860	4,085	70,945
30360	90,597	17,840	22,772	29,383	69,995	6,082	23,252	—	7,036	36,370	59,338	14,480	73,818
30361	40,630	8,001	10,213	71,180	89,394	2,727	10,428	—	3,429	16,584	26,611	20,152	46,763
30362	122,779	24,178	30,862	33,304	88,344	8,242	31,512	—	5,264	45,018	80,416	16,732	97,148
30363	105,009	20,678	26,395	13,845	60,918	7,049	26,951	—	4,754	38,754	68,777	3,302	72,079
30364	190,200	37,454	47,809	18,382	103,645	12,768	48,816	—	14,718	76,302	124,574	(4,510)	120,064
30365	231,654	45,618	58,228	—	103,846	15,551	59,455	—	53,299	128,305	151,726	(35,813)	115,913
30366	108,408	21,348	27,249	2,699	51,296	7,277	27,823	—	19,273	54,373	71,003	(7,784)	63,219
30367	71,483	14,076	17,968	19,568	51,612	4,799	18,346	—	4,334	27,479	46,819	4,015	50,834
30368	54,529	10,738	13,706	42,780	3,660	3,660	13,995	—	2,210	19,865	35,714	7,561	43,275
30369	71,934	14,165	18,081	21,894	54,140	4,829	18,462	—	9,456	32,747	47,114	537	47,651
30370	55,896	11,007	14,050	36,180	3,752	3,752	14,346	—	199	18,297	36,610	5,066	41,676
30371	94,276	18,565	23,697	15,088	57,350	6,329	24,196	—	16,334	46,859	61,748	(4,055)	57,693
30372	128,295	25,264	32,248	4,716	62,228	8,612	32,928	—	11,354	52,894	84,029	(13,184)	70,845
30373	47,344	9,323	11,900	28,250	49,473	3,178	12,151	—	2,493	17,822	31,009	11,137	42,146
30374	77,746	15,310	19,542	6,015	40,867	5,219	19,954	—	17,725	42,898	50,921	(6,544)	44,377
30375	95,540	18,814	24,015	18,438	61,267	6,413	24,521	—	11,652	42,586	62,576	2,770	65,346
30376	388,164	76,438	97,569	22,513	196,520	26,057	99,624	—	23,228	148,909	254,234	1,275	255,509
30377	59,656	11,748	14,995	17,001	43,744	4,005	15,311	—	502	19,818	39,073	9,803	48,876
30378	140,919	27,750	35,421	28,873	92,044	9,460	36,168	—	30,857	76,485	92,297	(3,818)	88,479
30379	110,602	21,780	27,801	8,417	57,998	7,425	28,387	—	7,680	43,492	72,440	(650)	71,790
30380	1,322,824	260,492	332,504	83,066	676,062	88,799	339,510	—	158,278	586,587	866,404	(26,321)	840,083

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30381	\$ 185,119	36,454	46,531	4,028	87,013	12,427	47,512	—	17,367	77,306	121,247	(7,864)	113,383
30382	35,027	6,898	8,804	23,125	38,827	2,351	8,990	—	4,240	15,581	22,942	6,370	29,312
30383	156,190	30,757	39,260	1,015	71,032	10,485	40,087	—	57,211	107,783	102,299	(30,999)	71,300
30384	208,746	41,107	52,470	36,276	129,853	14,013	53,576	—	3,946	171,535	136,722	18,676	155,398
30385	82,429	16,232	20,719	48,988	85,939	5,533	21,156	—	5,304	31,993	53,988	11,591	65,579
30386	201,702	39,719	50,700	151,651	242,070	13,540	51,768	—	17,498	82,806	132,108	58,119	190,227
30387	40,027	7,882	10,061	16,005	33,948	2,687	10,273	—	1,066	14,026	26,216	6,819	33,035
30388	85,655	16,867	21,530	28,289	66,686	5,750	21,984	—	40,334	68,068	56,101	(2,388)	53,713
30389	150,966	29,728	37,947	52,804	120,479	10,134	38,746	—	11,950	60,830	98,878	25,170	124,048
30390	64,834	12,767	16,297	12,744	41,808	4,352	16,640	—	1,393	22,385	42,464	3,766	46,230
30391	384,299	75,677	96,597	—	172,274	25,797	98,632	—	42,393	166,822	251,703	(19,188)	232,515
30392	122,993	24,220	30,916	10,955	66,091	8,256	31,567	—	3,238	43,061	80,557	4,238	84,795
30393	67,662	13,324	17,007	14,023	44,354	4,542	17,366	—	19,235	41,143	44,316	(5,632)	38,684
30394	857,796	168,918	215,615	45,905	430,438	57,582	220,158	—	170,780	448,520	561,827	(59,811)	502,016
30395	175,041	34,469	43,998	38,730	117,197	11,750	44,925	—	15,401	72,076	114,646	8,409	123,055
30396	59,408	11,699	14,933	7,917	34,549	3,988	15,247	—	6,967	26,202	38,910	(3,470)	35,440
30397	977,870	192,563	245,797	167,979	606,339	65,643	250,976	—	24,248	340,867	640,471	75,211	715,682
30398	186,407	36,707	46,855	24,631	108,193	12,513	47,842	—	3,442	63,797	122,090	8,076	130,166
30399	44,493	8,762	11,184	26,939	46,885	2,987	11,419	—	5,393	19,799	29,142	8,702	37,844
30400	408,840	80,509	102,766	20,417	203,692	27,445	104,931	—	26,453	158,829	267,776	(5,149)	262,627
30401	427,439	84,172	107,441	35,858	227,471	28,893	109,704	—	4,614	143,011	279,958	15,608	295,566
30402	55,984	11,024	14,072	4,500	46,450	3,758	14,369	—	3,947	22,074	36,667	12,191	48,858
30403	76,950	15,153	19,342	6,586	41,081	5,166	19,750	—	14,976	39,892	50,400	(9,838)	40,562
30404	123,007	24,223	30,919	6,797	61,939	8,257	31,570	—	15,736	55,563	80,565	(6,821)	73,744
30405	39,359	7,751	9,893	264	17,908	2,642	10,102	—	14,590	27,334	25,779	(10,115)	15,664
30406	126,585	24,927	31,818	27,910	84,655	8,497	32,489	—	4,078	45,064	82,909	4,305	87,214
30407	271,081	53,382	68,139	24,546	146,067	18,197	69,574	—	19,822	107,593	177,549	(3,585)	173,964
30408	43,620	8,590	19,377	8,931	38,931	2,928	11,195	—	12,220	26,343	28,570	(2,082)	26,488
30409	602,363	118,618	151,410	118,635	388,663	40,436	154,600	—	29,094	224,130	394,527	59,750	454,277
30410	264,340	52,054	66,444	12,548	131,046	17,745	67,844	—	19,486	105,075	173,134	1,545	174,679
30411	665,229	130,997	167,211	21,646	319,854	44,656	170,734	—	53,913	269,303	435,702	(12,872)	422,830
30412	91,069	17,933	22,891	9,322	50,146	6,113	23,373	—	12,633	42,119	59,647	(3,136)	56,511
30413	543,239	106,975	136,548	73,604	317,127	36,467	139,425	—	28,968	204,860	355,803	16,173	371,976
30414	27,683	5,451	6,958	10,690	23,099	1,858	7,105	—	3,570	12,533	18,131	3,291	21,422
30415	28,142	5,542	7,074	12,185	24,801	1,889	7,223	—	7,573	16,685	18,432	(33)	18,399
30416	36,230	7,134	9,107	13,033	29,274	2,432	9,299	—	2,008	13,739	23,729	7,007	30,736
30417	110,327	21,726	27,732	10,694	60,152	7,406	28,316	—	8,358	44,080	72,260	(1,829)	70,431
30418	64,770	12,755	16,281	33,870	62,906	4,348	16,624	—	3,675	24,647	42,422	12,808	55,230
30419	163,852	32,266	41,186	6,663	80,115	10,999	42,053	—	27,526	80,578	107,317	(11,720)	95,597
30420	134,560	26,498	33,823	33,226	93,547	9,033	34,535	—	4,705	48,273	88,132	7,362	95,494
30421	219,833	43,290	55,257	23,526	122,073	14,757	56,421	—	6,273	77,451	143,983	10,691	154,674
30422	64,634	12,728	16,246	12,290	41,264	4,339	16,589	—	8,564	29,492	42,333	1,804	44,137
30423	199,430	39,272	50,129	9,201	98,602	13,387	51,185	—	25,964	90,636	130,620	(14,389)	116,231
30424	40,507	7,977	10,182	5,875	24,034	2,719	10,396	—	4,701	17,816	26,531	3,217	29,748
30425	74,707	14,711	18,778	24,603	58,092	5,015	19,174	—	18,883	43,072	48,931	4,891	53,822
30426	92,706	18,256	23,303	8,060	49,619	6,223	23,794	—	12,022	42,039	60,720	(4,768)	55,952
30427	295,355	58,161	74,240	10,399	142,800	19,827	75,804	—	16,216	111,847	193,447	(2,527)	190,920
30428	1,630,879	321,154	409,936	145,114	876,204	109,478	418,574	—	8,631	536,683	1,068,169	64,353	1,132,522
30429	457,968	90,184	115,115	47,690	252,989	30,743	117,540	—	91,688	239,971	299,953	(11,845)	288,108
30430	48,934	9,636	12,300	22,984	3,285	12,559	12,559	—	8,114	23,958	32,050	(3,405)	28,645
30431	131,748	25,944	33,116	11,540	70,600	8,844	33,814	—	14,234	56,892	86,290	5,646	91,936
30432	274,711	54,096	69,051	35,784	158,931	18,441	70,506	—	16,494	105,441	179,926	15,744	195,670
30433	79,509	15,657	19,985	22,424	58,066	5,337	20,406	—	1,707	27,450	52,075	8,509	60,584
30434	153,943	30,315	38,695	43,540	112,550	10,334	39,510	—	26,682	76,526	100,827	8,277	109,104
30435	230,896	45,468	58,038	32,459	135,965	15,500	59,261	—	6,625	81,386	151,229	9,447	160,676
30436	57,557	11,334	14,467	6,749	32,550	3,864	14,772	—	5,708	24,344	37,698	2,178	39,876
30437	133,605	26,310	33,583	4,990	64,883	8,969	34,290	—	30,619	73,878	87,507	(13,916)	73,591
30438	171,471	33,766	43,101	5,834	82,701	11,511	44,009	—	12,771	68,291	112,308	(809)	111,499
30439	197,473	38,887	49,637	79,205	167,729	13,256	50,682	—	100,384	164,322	129,338	4,060	133,398
30440	345,418	68,020	86,824	112,492	267,336	23,187	88,653	—	6,016	117,856	226,237	49,506	275,743
30441	75,372	14,842	18,945	38,788	72,575	5,060	19,345	—	6,893	31,298	49,366	20,636	70,002
30442	181,839	35,808	45,707	29,291	110,806	12,207	46,670	—	8,121	66,998	119,098	11,919	131,017
30443	51,237	10,090	4,404	27,373	3,439	13,150	13,150	—	2,041	18,630	33,558	1,071	34,629
30444	376,897	74,219	94,736	89,525	258,480	25,300	96,732	—	2,952	124,984	246,854	20,721	267,575

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30445	\$ 136,270	26,834	34,253	46,797	107,884	9,148	34,974	—	6,519	50,641	89,252	23,739	112,991
30446	1,032,275	203,277	259,472	173,204	635,953	69,295	264,939	—	19,731	353,965	676,105	72,049	748,154
30447	110,361	21,732	27,740	42,470	91,942	7,408	28,325	—	8,178	43,911	72,282	20,151	92,433
30448	1,303,283	256,644	327,592	207,321	791,557	87,487	334,494	—	48,416	470,397	853,605	68,591	922,196
30449	303,505	59,767	76,289	49,114	185,170	20,374	77,896	—	14,800	113,070	198,785	16,798	215,583
30450	111,197	21,897	27,950	18,133	67,980	7,464	28,539	—	1,835	37,838	72,830	9,602	82,432
30451	249,430	49,118	62,696	58,874	170,688	16,744	64,017	—	5,502	86,263	163,368	23,402	186,770
30452	713,037	140,412	179,228	17,069	336,709	47,865	183,005	—	26,936	257,806	467,015	(5,643)	461,372
30453	214,552	42,250	53,930	15,944	112,124	14,402	55,066	—	15,395	84,863	140,524	(4,927)	135,597
30454	104,017	20,483	26,146	9,232	55,861	6,982	26,697	—	21,205	54,884	68,128	(4,062)	64,066
30455	205,151	40,398	51,567	26,218	118,183	13,771	52,653	—	8,515	74,939	134,367	7,014	141,381
30456	41,943	8,259	10,543	13,182	31,984	2,816	10,765	—	2,382	15,963	27,471	6,090	33,561
30457	151,667	29,866	38,123	10,173	78,162	10,181	38,926	—	1,358	50,465	99,337	4,254	103,591
30458	176,327	34,722	44,321	57,145	136,188	11,836	45,255	—	7,322	64,413	115,488	28,643	144,131
30459	67,016	13,197	16,845	7,990	38,032	4,499	17,200	—	3,167	24,866	43,893	(257)	43,636
30460	205,050	40,379	51,541	5,159	97,079	13,765	52,627	—	34,089	100,481	134,301	(9,732)	124,569
30461	99,513	19,596	25,013	26,574	71,183	6,680	25,540	—	3,483	35,703	65,177	9,232	74,409
30462	66,964	13,187	16,832	4,860	34,879	4,495	17,187	—	5,117	26,799	43,859	(2,380)	41,479
30463	300,753	59,225	75,597	31,658	166,480	20,189	77,190	—	29,613	126,992	196,983	928	197,911
30464	172,233	33,916	43,292	21,672	98,880	11,562	44,204	—	6,871	62,637	112,806	3,634	116,440
30465	109,857	21,633	27,614	4,339	53,586	7,374	28,195	—	13,663	49,232	71,953	(6,771)	65,182
30466	612,511	120,616	153,960	54,005	328,581	41,117	157,204	—	95	198,416	401,173	30,506	431,679
30467	154,982	30,519	38,956	47,190	116,665	10,404	39,777	—	7,959	58,140	101,508	12,978	114,486
30468	363,995	71,678	91,494	4,732	167,904	24,434	93,421	—	18,451	136,306	238,404	(10,166)	228,238
30469	130,559	25,710	32,817	24,680	83,207	8,764	33,509	—	11,815	54,088	85,512	3,044	88,556
30470	138,202	27,215	34,738	1,877	63,830	9,277	35,470	—	9,141	53,888	90,518	(2,312)	88,206
30471	163,008	32,100	40,973	24,827	97,900	10,942	41,837	—	36,316	89,095	106,764	(6,449)	100,315
30472	443,780	87,390	111,548	71,157	270,095	29,790	113,898	—	24,514	168,202	290,661	14,290	304,951
30473	57,199	11,264	14,377	32,805	58,446	3,840	14,680	—	2,163	20,683	37,463	12,779	50,242
30474	137,175	27,013	34,480	6,789	68,282	9,208	35,207	—	27,161	71,576	89,845	(11,099)	78,746
30475	281,730	55,479	70,816	32,507	158,802	18,912	72,308	—	27,099	118,319	184,524	2,570	187,094
30476	105,517	20,778	26,523	24,536	71,837	7,083	27,081	—	4,302	38,466	69,110	10,862	79,972
30477	174,217	34,307	43,791	48,409	126,507	11,695	44,714	—	10,044	66,453	114,106	14,474	128,580
30478	89,814	17,686	22,576	3,593	43,855	6,029	23,051	—	1,327	30,407	58,825	834	59,659
30479	77,562	15,274	19,496	9,842	44,612	5,207	19,907	—	—	25,114	50,801	3,974	54,775
30480	328,972	64,781	82,690	18,687	166,158	22,083	84,432	—	34,377	140,892	215,465	(9,198)	206,267
30481	60,486	11,911	15,204	21,467	48,582	4,060	15,524	—	1,820	21,404	39,616	12,533	52,149
30482	184,139	36,261	46,285	6,303	88,849	12,361	47,260	—	8,260	67,881	120,605	2,563	123,168
30483	121,161	23,859	30,455	26,524	80,838	8,133	31,097	—	7,363	46,593	79,356	6,912	86,268
30484	94,891	18,686	23,852	13,304	55,842	6,370	24,354	—	2,708	33,432	62,150	6,074	68,224
30485	157,878	31,089	39,684	86,886	157,659	10,598	40,520	—	8,274	59,392	103,404	37,552	140,956
30486	190,266	37,467	47,825	18,620	103,912	12,772	48,833	—	6,827	68,432	124,617	1,210	125,827
30487	74,274	14,626	18,669	43,313	76,608	4,986	19,063	—	2,430	26,479	48,647	23,063	71,710
30488	168,093	33,101	42,252	54,248	129,601	11,284	43,142	—	27,134	81,560	110,095	21,783	131,878
30489	31,199	6,144	7,842	22,255	36,241	2,094	8,007	—	9,258	19,359	20,434	6,414	26,848
30490	50,871	10,018	12,787	16,690	39,495	3,415	13,056	—	4,435	20,906	33,319	7,035	40,354
30491	287,988	56,711	72,388	4,671	133,770	19,332	73,914	—	29,872	123,118	188,622	(7,674)	180,948
30492	851,136	167,607	213,941	117,922	499,470	57,135	218,449	—	60,192	335,776	557,465	26,899	584,364
30493	126,263	24,864	31,737	27,443	84,044	8,476	32,406	—	7,332	48,214	82,698	13,061	95,759
30494	27,591	6,935	8,284	20,652	1,852	7,081	2,612	—	2,612	11,545	18,071	3,090	21,161
30495	40,530	7,981	10,188	14,892	33,061	2,721	10,402	—	601	13,724	26,546	2,792	29,338
30496	155,507	30,623	39,088	7,186	76,897	10,439	39,912	—	10,482	60,833	101,852	(2,170)	99,682
30497	86,917	17,116	21,847	30,790	69,753	5,835	22,308	—	587	28,730	56,928	11,025	67,953
30498	82,085	16,164	20,633	9,453	46,250	5,510	21,068	—	14,522	41,100	53,763	(1,316)	52,447
30499	411,439	81,021	103,419	102,273	286,713	27,619	105,598	—	6,293	139,510	269,478	31,013	300,491
30500	68,222	13,434	17,148	13,438	44,020	4,580	17,509	—	1,944	24,033	44,683	3,964	48,647
30501	95,986	18,902	24,127	21,360	64,389	6,443	24,635	—	11,739	42,817	62,868	(69)	62,799
30502	275,656	54,282	69,289	37,532	161,103	18,504	70,749	—	14,955	104,208	180,545	5,263	185,808
30503	148,698	29,282	37,377	7,422	74,081	9,982	38,164	—	23,647	71,793	97,392	(9,472)	87,920
30504	164,106	32,316	41,250	4,626	78,192	11,016	42,119	—	25,747	78,882	107,484	(10,438)	97,046
30505	334,782	65,926	84,151	10,247	160,324	22,473	85,924	—	13,618	122,015	219,271	(6,340)	212,931
30506	53,278	10,492	13,392	14,757	38,641	3,576	13,674	—	4,067	21,317	34,895	13,232	48,127
30507	87,147	17,161	21,905	25,283	64,349	5,850	22,367	—	7,551	35,768	57,078	4,004	61,082
30508	220,554	43,432	55,438	9,394	108,264	14,805	56,606	—	16,154	87,565	144,456	(10,840)	133,616

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30509	\$ 59,519	11,721	14,961	12,373	39,055	3,995	15,276	—	4,831	24,102	38,983	1,999	40,982
30510	55,445	10,918	13,937	12,357	48,442	3,722	14,230	—	1,977	19,929	36,315	11,112	47,427
30511	494,832	97,443	124,380	101,572	323,395	33,217	127,001	—	16,918	177,136	324,098	48,582	372,680
30512	213,851	42,112	53,753	109,963	205,828	14,355	54,886	—	8,196	77,437	140,065	51,201	191,266
30513	123,279	24,276	30,987	1,141	56,404	8,275	31,640	—	7,233	47,148	80,743	(5,454)	75,289
30514	84,234	16,587	21,173	6,062	43,822	5,654	21,619	—	10,572	37,854	55,171	(2,187)	52,984
30515	68,128	13,416	17,125	19,715	50,256	4,573	17,485	—	521	22,579	44,622	12,492	57,114
30516	114,328	22,514	28,737	5,496	56,747	7,875	29,343	—	37,126	74,144	74,881	(10,548)	64,333
30517	117,174	23,074	29,453	6,796	59,323	7,866	30,073	—	20,126	58,065	76,745	(5,645)	71,100
30518	247,047	48,649	62,098	6,426	117,173	16,584	63,406	—	34,376	114,366	161,807	(13,339)	148,468
30519	74,092	14,590	18,624	85,048	118,262	4,974	19,016	—	37,775	61,765	48,528	18,613	67,141
30520	26,918	5,301	6,766	31,776	43,843	1,807	6,909	—	2,672	11,388	17,630	13,705	31,335
30521	679,199	133,748	170,723	26,993	331,464	45,593	174,320	—	45,030	264,943	444,852	(6,699)	438,153
30522	121,475	23,921	30,534	6,010	60,465	8,154	31,177	—	27,361	66,692	79,562	(11,330)	68,232
30523	32,427	6,386	8,151	13,978	28,515	2,177	8,323	—	1,347	11,847	21,239	6,500	27,739
30524	174,966	34,455	43,979	5,304	83,738	11,745	44,906	—	64,210	120,861	114,597	(30,298)	84,299
30525	78,668	15,491	19,774	21,656	56,921	5,281	20,191	—	107	25,579	51,525	11,595	63,120
30526	278,461	54,835	69,994	42,985	167,814	18,693	71,468	—	14,033	104,194	182,382	16,958	199,340
30527	85,673	16,871	21,535	44,287	82,693	5,751	21,989	—	2,455	30,195	56,113	19,981	76,094
30528	89,327	17,590	22,453	2,879	42,922	5,996	22,926	—	7,814	36,736	58,506	(7,599)	50,907
30529	232,107	45,707	58,342	48,488	152,537	15,581	59,572	—	1,804	76,957	152,022	25,297	177,319
30530	45,218	8,904	11,366	20,560	20,560	3,035	11,605	—	5,335	19,975	29,616	7,976	37,592
30531	789,169	155,404	198,365	10,923	364,692	52,975	202,545	—	44,917	300,437	516,879	(1,181)	515,698
30532	149,897	29,518	37,678	9,437	76,633	10,062	38,472	—	17,299	65,833	98,178	(3,408)	94,770
30533	67,241	13,241	16,902	33,558	63,701	4,514	17,258	—	4,698	26,470	44,040	11,458	55,498
30534	179,333	35,314	45,077	21,541	101,932	12,038	46,027	—	27,154	85,219	117,457	(6,330)	111,127
30535	53,972	10,628	13,566	9,028	33,222	3,623	13,852	—	2,556	20,031	35,350	(1,962)	33,388
30536	69,683	13,722	17,516	7,449	38,687	4,678	17,885	—	4,877	27,440	45,640	132	45,772
30537	115,014	22,649	28,910	16,103	67,662	7,721	29,519	—	15,066	52,306	75,330	1,201	76,531
30538	116,960	23,032	29,399	35,123	87,554	6,554	30,018	—	6,613	44,482	76,605	13,954	90,559
30539	142,458	28,053	35,808	18,365	82,226	9,563	36,563	—	35,954	82,080	93,305	(6,905)	86,400
30540	84,160	16,573	21,154	19,523	57,250	5,650	21,600	—	3,694	30,944	55,122	11,455	66,577
30541	268,348	52,843	67,452	5,498	125,793	18,014	68,873	—	25,926	112,813	175,759	(14,509)	161,250
30542	199,788	39,343	50,219	4,446	94,008	13,411	51,277	—	28,199	92,887	130,855	(11,646)	119,209
30543	48,530	9,556	12,198	8,379	30,133	3,258	12,455	—	7,382	23,095	31,785	1,956	33,741
30544	159,995	31,506	40,216	27,680	99,402	10,740	41,064	—	5,203	57,007	104,791	15,977	120,768
30545	47,122	9,279	11,844	2,106	23,229	3,163	12,094	—	9,465	24,722	30,863	(5,067)	25,796
30546	120,807	23,790	30,366	48,973	103,129	8,110	31,006	—	6,498	45,614	79,125	23,485	102,610
30547	111,139	21,886	27,936	16,020	65,842	7,461	28,524	—	4,611	40,596	72,792	1,342	74,134
30548	23,762	4,679	5,973	830	11,482	1,595	6,099	—	9,158	16,852	15,563	(4,911)	10,652
30549	43,808	8,627	11,011	16,776	36,414	2,941	11,243	—	4,787	18,971	28,692	6,003	34,695
30550	128,246	25,254	32,236	25,785	83,275	8,609	32,915	—	11,791	53,315	83,997	5,157	89,154
30551	62,038	12,217	15,594	19,237	47,048	4,164	15,922	—	6,510	26,596	40,633	6,103	46,736
30552	43,221	8,511	10,864	1,103	20,478	2,901	11,093	—	4,477	18,471	28,308	(2,156)	26,152
30553	103,126	20,308	25,922	12,094	58,324	6,923	26,468	—	2,681	36,072	67,544	1,959	69,503
30554	191,187	37,649	48,057	17,062	102,768	12,834	49,069	—	17,438	79,341	125,221	1,486	126,707
30555	147,139	28,975	36,985	38,781	104,741	9,877	37,764	—	40,440	88,081	96,371	(6,022)	90,349
30556	193,987	38,200	48,760	3,594	48,760	13,022	49,788	—	31,863	94,673	127,055	(12,185)	114,870
30557	126,482	24,907	31,792	8,184	64,883	8,490	32,462	—	9,583	50,535	82,841	1,371	84,212
30558	137,252	27,028	34,500	50,284	111,812	9,213	35,226	—	7,511	47,190	89,895	27,314	117,209
30559	489,554	96,403	123,054	75,740	295,197	32,863	125,647	—	39,735	198,245	320,641	30,095	350,736
30560	63,845	12,572	16,048	51,914	23,294	4,286	16,386	—	10,922	31,594	41,816	7,221	49,037
30561	366,684	72,208	92,169	42,429	206,806	24,615	94,111	—	8,123	126,849	240,165	15,021	255,186
30562	132,718	26,135	33,360	4,827	64,322	8,909	34,063	—	14,602	57,574	86,926	(6,639)	80,287
30563	100,696	19,829	25,311	5,839	50,979	6,760	25,844	—	3,331	35,935	65,952	(2,272)	63,680
30564	90,107	17,744	22,649	4,942	45,335	6,049	23,126	—	20,766	49,941	59,017	(5,212)	53,805
30565	38,213	7,525	9,605	2,474	19,604	2,565	9,807	—	5,001	17,373	25,028	(1,168)	23,860
30566	173,997	34,264	43,736	10,006	88,006	11,880	44,657	—	10,284	66,621	113,962	(1,178)	112,784
30567	69,470	13,680	17,462	25,870	57,012	4,663	17,830	—	3,334	25,827	45,500	7,381	52,881
30568	132,446	26,081	33,292	3,585	62,958	8,891	33,993	—	18,638	61,522	86,748	(2,117)	84,631
30569	103,547	20,391	26,027	39,163	85,581	6,951	26,576	—	9,285	42,812	67,820	17,186	85,006
30570	79,946	15,743	20,095	3,460	39,298	5,367	20,519	—	9,014	34,900	52,362	(6,899)	45,463
30571	445,624	87,753	112,012	44,726	244,491	29,914	114,372	—	33,176	177,462	291,868	6,736	298,604
30572	59,188	11,655	14,877	24,633	51,165	3,973	15,191	—	11,539	30,703	38,766	19,431	58,197

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Total pension expense
30573	\$ 112,468	22,147	28,270	33,609	84,026	7,550	28,866	—	9,081	45,497	73,663	10,948	84,611
30574	122,538	24,130	30,801	19,955	74,886	8,226	31,450	—	7,860	47,536	80,258	1,580	81,838
30575	82,454	16,237	20,726	19,822	56,785	5,535	21,162	—	12,432	39,129	54,005	6,987	60,992
30576	92,986	18,311	23,373	5,372	47,056	6,242	23,865	—	9,617	39,724	60,903	(5,441)	55,462
30577	47,258	9,306	11,879	11,202	32,387	3,172	12,129	—	9,803	25,104	30,952	(577)	30,375
30578	230,669	45,424	57,981	17,251	120,656	15,484	59,202	—	20,936	95,622	151,080	2,648	153,728
30579	91,290	17,977	22,947	28,614	69,538	6,128	23,430	—	2,940	32,498	59,792	13,616	73,408
30580	196,365	38,668	49,358	31,512	119,538	13,182	50,398	—	10,399	73,979	128,613	13,554	142,167
30581	642,250	126,473	161,435	23,152	311,060	43,113	164,837	—	66,022	273,972	420,652	(29,750)	390,902
30582	57,200	11,264	14,378	25,160	50,802	3,840	14,681	—	—	18,521	37,464	16,105	53,569
30583	86,374	17,009	21,711	32,630	71,350	5,798	22,168	—	28,985	56,951	56,572	4,792	61,364
30584	57,381	11,300	14,423	6,804	32,527	3,852	14,727	—	5,619	24,198	37,583	3,459	41,042
30585	148,717	29,286	37,381	67,481	134,148	9,983	38,169	—	12,463	60,615	97,405	32,154	129,559
30586	72,372	14,252	18,191	8,464	40,907	4,858	18,575	—	26,595	50,028	47,401	(7,750)	39,651
30587	586,644	115,523	147,458	53,798	316,779	39,380	150,565	—	7,745	197,690	384,232	5,756	389,988
30588	57,806	11,383	14,530	16,266	42,179	3,880	14,836	—	2,030	20,746	37,861	8,576	46,437
30589	20,261	3,990	4,092	3,990	13,175	1,360	5,200	—	1,362	7,922	13,271	725	13,996
30590	74,490	14,669	18,724	2,623	36,016	5,000	19,118	—	8,537	32,655	48,788	(4,759)	44,029
30591	119,401	23,513	30,013	49,374	102,900	8,015	30,645	—	4,413	43,073	78,204	20,231	98,435
30592	43,578	8,581	10,954	789	20,324	2,925	11,185	—	6,156	20,266	28,542	(3,645)	24,897
30593	33,430	6,583	8,403	24,730	39,716	2,244	8,580	—	2,866	13,690	21,895	10,513	32,408
30594	67,115	13,216	16,870	69,509	69,509	4,505	17,225	—	10,801	32,531	43,958	11,138	55,096
30595	161,474	31,798	40,588	44,194	116,580	10,839	41,443	—	13,628	65,910	105,760	25,125	130,885
30596	157,966	31,107	39,706	16,438	87,251	10,604	40,543	—	39,869	91,016	103,463	(15,742)	87,721
30597	94,036	18,518	23,637	12,592	54,747	6,312	24,135	—	11,973	42,420	61,590	(665)	60,925
30598	90,558	17,833	22,763	30,065	70,661	6,079	23,242	—	4,521	33,842	59,312	7,706	67,018
30599	78,468	15,452	19,724	16,188	51,364	5,267	20,139	—	4,136	29,542	51,394	3,674	55,068
30600	74,064	14,585	18,617	12,202	45,404	4,972	19,009	—	9,493	33,474	48,509	1,278	49,787
30601	45,610	8,982	11,464	1,733	22,179	3,062	11,706	—	1,589	16,357	29,873	(900)	28,973
30602	61,872	12,184	15,552	8,159	35,895	4,153	15,880	—	2,481	22,514	40,524	1,059	41,583
30603	77,809	15,322	19,558	2,289	37,169	5,223	19,970	—	8,772	33,965	50,962	(5,025)	45,937
30604	94,210	18,552	23,681	18,538	60,771	6,324	24,180	—	2,271	32,775	61,705	4,342	66,047
30605	117,662	23,170	29,575	3,192	55,937	7,898	30,199	—	10,760	48,857	77,065	(4,297)	72,768
30606	75,042	14,777	18,863	23,495	57,135	5,037	19,260	—	—	24,297	49,150	8,541	57,691
30607	137,202	27,018	34,487	10,006	71,511	9,210	35,214	—	15,856	60,280	89,862	100	89,962
30608	38,887	7,658	9,775	15,568	33,001	2,610	9,981	—	1,359	13,950	25,470	4,305	29,775
30609	73,449	14,464	18,462	24,062	56,988	4,930	18,851	—	1,454	25,235	48,106	9,624	57,730
30610	116,551	22,951	29,296	13,070	65,317	7,824	29,913	—	8,614	46,351	76,337	5,254	81,591
30611	61,479	12,107	15,453	18,991	46,551	4,127	15,779	—	6,904	26,810	40,267	3,487	43,754
30612	74,691	14,708	18,774	8,372	41,854	5,014	19,170	—	21,318	45,502	48,920	(6,835)	42,085
30613	102,638	20,212	25,799	12,972	58,983	6,890	26,343	—	5,136	38,369	67,224	5,132	72,356
30614	81,571	16,063	20,504	44,922	81,489	5,476	20,936	—	6,967	33,379	53,426	18,926	72,352
30615	345,467	68,030	86,836	68,089	222,955	23,191	88,666	—	32,573	144,430	226,269	18,130	244,399
30616	82,517	16,249	20,741	34,457	71,447	5,539	21,179	—	5,414	32,132	54,046	12,849	66,895
30617	51,729	10,186	13,002	15,387	38,575	3,472	13,276	—	6,385	23,133	33,880	4,234	38,114
30618	122,562	24,135	30,807	8,947	63,889	8,227	31,456	—	25,373	65,056	80,274	(8,115)	72,159
30619	93,035	18,321	23,385	31,769	73,475	6,245	23,878	—	9,814	39,937	60,935	11,743	72,678
30620	30,187	5,945	7,588	3,215	16,748	2,026	7,748	—	3,062	12,836	19,772	(448)	19,324
30621	155,484	30,618	39,082	3,072	72,772	10,437	39,906	—	5,236	55,579	101,836	(2,808)	99,028
30622	150,869	29,709	37,922	2,255	69,886	10,128	38,721	—	27,790	76,639	98,814	(13,624)	85,190
30623	91,556	18,029	23,013	5,137	46,179	6,146	23,498	—	19,141	48,785	59,966	(10,386)	49,580
30624	112,170	22,089	28,195	38,253	88,537	7,530	28,789	—	3,447	39,766	73,467	16,760	90,227
30625	58,428	11,506	14,686	9,906	36,098	3,922	14,996	—	7,883	26,801	38,269	(225)	38,044
30626	130,866	25,770	32,894	6,728	65,392	8,785	33,588	—	22,004	64,377	85,713	(6,343)	79,370
30627	26,725	5,263	6,718	9,446	21,427	1,794	6,859	—	1,603	10,256	17,504	3,365	20,869
30628	87,562	17,243	22,009	2,810	42,062	5,878	22,473	—	25,957	54,308	57,350	(10,106)	47,244
30629	32,940	6,487	8,280	30,106	44,873	2,211	8,454	—	4,458	15,123	21,575	12,541	34,116
30630	75,008	14,771	18,854	10,861	44,486	5,035	19,251	—	2,190	26,476	49,128	2,946	52,074
30631	136,831	26,945	34,394	12,880	74,219	9,185	35,118	—	22,837	67,140	89,620	(4,339)	85,281
30632	44,437	8,751	11,170	8,305	28,226	2,983	11,405	—	862	15,250	29,105	2,454	31,559
30633	30,941	6,093	7,777	25,415	39,285	2,077	7,941	—	5,940	15,958	20,265	5,940	26,205
30634	36,996	7,285	9,299	4,645	21,229	2,483	9,495	—	2,061	14,039	24,231	823	25,054
30635	206,367	40,638	51,872	37,886	130,396	13,853	52,965	—	8,226	75,044	135,163	16,872	152,035
30636	79,758	15,706	20,048	17,266	53,020	5,354	20,470	—	7,567	33,391	52,239	3,575	55,814

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30637	\$ 59,434	11,704	14,939	11,275	37,918	3,990	15,254	—	12,110	31,354	38,927	(132)	38,795
30638	66,855	13,165	16,805	1,498	31,468	4,488	17,159	—	14,458	36,105	43,788	(7,644)	36,144
30639	44,739	8,810	11,246	11,650	31,706	3,003	11,483	—	1,615	16,101	29,303	7,980	37,283
30640	230,362	45,363	57,904	16,641	119,908	15,464	59,124	—	4,615	79,203	150,879	(1,209)	149,670
30641	39,313	7,742	9,882	2,544	20,168	2,639	10,090	—	2,317	15,046	25,749	(1,327)	24,422
30642	851,681	167,714	214,078	27,277	409,069	57,172	218,588	—	50,415	326,175	557,822	(28,376)	529,446
30643	56,956	11,216	14,316	5,528	31,060	3,823	14,618	—	958	19,399	37,304	2,294	39,598
30644	92,245	18,165	23,187	2,703	44,055	6,192	23,675	—	17,186	47,053	60,417	(5,182)	55,235
30645	88,607	17,449	22,272	2,022	41,743	5,948	22,741	—	13,227	41,916	58,035	(3,117)	54,918
30646	88,904	17,507	22,347	9,676	49,530	5,968	22,818	—	19,269	48,055	58,229	(5,606)	52,623
30647	58,245	11,470	14,640	10,695	36,805	3,910	14,949	—	2,863	21,722	38,148	5,048	43,196
30648	105,868	20,848	26,611	550	48,009	7,107	27,172	—	23,821	58,100	69,340	(11,735)	57,605
30649	84,844	16,708	21,326	3,685	41,719	5,895	21,776	—	2,363	29,834	55,570	(242)	55,328
30650	76,439	15,052	19,214	21,857	56,123	5,131	19,618	—	3,098	27,847	50,065	6,903	56,968
30651	34,289	6,752	8,619	221	15,992	2,302	8,800	—	5,354	16,456	22,458	(2,006)	20,452
30652	53,217	10,480	13,377	5,540	29,397	3,572	13,658	—	4,118	21,348	34,855	(363)	34,492
30653	76,213	15,008	19,157	32,236	66,401	5,116	19,561	—	8,959	33,636	49,917	11,817	61,734
30654	73,960	14,564	18,590	3,051	36,205	4,965	18,982	—	18,346	42,293	48,441	(13,171)	35,270
30655	56,699	11,165	14,252	42,127	67,544	3,806	14,552	—	11,279	29,637	37,136	16,325	53,461
30656	134,248	26,436	33,744	10,430	70,610	9,012	34,455	—	181	43,648	87,928	8,105	96,033
30657	65,538	12,906	16,474	13,665	43,045	4,399	16,821	—	2,698	23,918	42,925	3,026	45,951
30658	163,653	32,227	41,136	6,020	79,383	10,986	42,002	—	34,734	87,722	107,187	(7,841)	99,346
30659	81,984	16,144	20,608	3,202	39,954	5,503	21,042	—	12,861	39,406	53,697	(5,295)	48,402
30660	113,068	22,265	28,421	24,640	75,326	7,590	29,019	—	1,506	38,115	74,055	16,563	90,618
30661	210,735	41,498	52,970	21,833	116,301	14,146	54,086	—	13,585	81,817	138,024	757	138,781
30662	15,244	3,002	3,832	8,041	14,875	1,023	3,912	—	2,831	7,766	9,984	733	10,717
30663	80,700	15,892	20,285	21,527	57,704	5,417	20,712	—	4,369	30,498	52,856	10,557	63,413
30664	79,848	15,724	20,071	19,792	55,587	5,360	20,493	—	10,855	36,708	52,298	7,375	59,673
30665	98,564	19,409	24,775	40,059	84,243	6,616	25,297	—	6,618	38,531	64,556	17,338	81,894
30666	59,892	11,794	15,054	7,939	34,787	4,020	15,372	—	16,862	36,254	39,227	(4,981)	34,266
30667	172,257	33,921	43,298	39,547	116,766	11,563	44,211	—	6,514	62,288	112,822	14,300	127,122
30668	363,898	71,659	91,469	24,275	187,403	24,428	93,396	—	54,086	171,910	238,340	(18,565)	219,775
30670	56,225	11,072	14,133	728	25,933	3,774	14,430	—	4,802	23,006	36,825	(3,245)	33,580
30671	414,113	81,547	104,091	9,457	195,095	27,799	106,284	—	34,705	168,788	271,230	(21,257)	249,973
30672	68,553	13,499	17,231	43,337	74,067	4,602	17,594	—	54,548	76,744	44,900	14,682	46,682
30673	109,380	21,539	27,494	10,306	59,339	7,342	28,073	—	12,969	48,384	71,640	(4,067)	67,573
30674	57,384	11,300	14,424	7,311	33,035	3,852	14,728	—	7,322	25,902	37,584	(945)	36,639
30675	123,601	24,340	31,068	14,094	69,502	8,297	31,723	—	9,784	49,804	80,954	1,721	82,675
30676	33,401	6,577	8,396	142	15,115	2,242	8,573	—	12,250	23,065	21,877	(7,613)	14,264
30677	116,294	22,901	29,231	2,311	54,443	7,807	29,847	—	11,195	48,849	76,168	(6,192)	69,976
30678	—	—	—	18,908	18,908	—	—	—	11,972	11,972	—	4,265	4,265
30679	51,475	10,137	12,939	21,653	44,729	3,455	13,211	—	2,238	18,904	33,714	14,603	48,317
30680	36,716	7,230	9,229	19,325	35,784	2,465	9,423	—	3,771	15,659	24,048	9,732	33,780
30681	54,381	10,709	13,669	13,352	37,730	3,650	13,957	—	10,963	28,570	35,617	1,157	36,774
30682	35,272	6,946	8,866	23,118	38,930	2,368	9,053	—	2,771	14,192	23,102	9,483	32,585
30683	111,467	21,950	28,018	23,957	73,925	7,483	28,609	—	2,593	38,685	73,007	19,062	92,069
30684	61,939	12,197	15,569	40,814	68,580	4,158	15,897	—	2,579	22,634	40,568	22,779	63,347
30685	72,232	14,224	18,156	10,307	42,687	4,849	18,539	—	18,783	42,171	47,309	(7,700)	39,609
30686	48,828	9,615	12,273	23,465	45,353	3,278	12,532	—	1,752	17,562	31,981	9,762	41,743
30687	37,003	7,287	9,301	25,984	42,572	2,484	9,497	—	17,039	29,202	24,236	5,940	30,176
30688	41,632	8,198	10,464	—	18,662	2,795	10,685	—	10,060	23,540	27,267	(6,877)	20,390
30689	93,935	18,498	23,612	9,709	51,819	6,306	24,109	—	20,130	50,545	61,524	(5,099)	56,425
30690	398,425	78,458	100,148	—	178,606	26,746	102,258	—	48,293	177,297	260,955	(31,194)	229,761
30691	35,304	6,952	8,874	16,856	32,682	2,370	9,061	—	304	11,735	23,123	5,010	28,133
30692	76,570	15,078	19,246	3,755	38,079	5,140	19,652	—	4,551	29,343	50,150	(1,421)	48,729
30693	180,765	35,597	45,437	8,117	89,151	12,134	46,394	—	6,280	64,808	118,395	(2,025)	116,370
30694	75,560	14,879	18,993	24,004	57,876	5,072	19,393	—	4,839	29,304	49,489	7,905	57,394
30695	94,481	18,605	23,749	17,616	59,970	6,342	24,249	—	14,334	44,925	61,581	3,739	65,620
30696	299,313	58,941	75,235	17,738	151,914	20,092	76,820	—	16,922	113,834	196,040	(3,854)	192,186
30697	92,296	18,175	23,200	17,195	58,570	6,196	23,688	—	5,605	35,489	60,451	(1,210)	59,241
30698	65,223	12,844	16,394	262	29,500	4,378	16,740	—	19,174	40,292	42,719	(9,680)	33,039
30699	149,580	29,456	37,598	3,571	70,625	10,041	38,391	—	21,689	70,121	97,970	(5,870)	92,100
30700	45,327	8,926	11,393	15,703	36,022	3,043	11,633	—	751	15,427	29,687	7,906	37,593
30701	138,353	27,245	34,776	2,209	64,230	9,287	35,509	—	19,651	64,447	90,616	(11,188)	79,428



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30702	\$ 72,128	14,203	18,130	1,367	33,700	4,842	18,512	—	12,846	36,200	47,241	(7,215)	40,026
30703	46,606	9,178	11,715	44,075	64,968	3,129	11,962	—	5,414	20,505	30,526	19,373	49,899
30704	52,557	10,349	13,211	868	24,428	3,528	13,489	—	20,382	37,399	34,423	(9,269)	25,154
30705	83,578	16,458	21,008	2,846	40,312	5,610	21,451	—	34,077	61,138	54,741	(18,445)	36,296
30706	104,848	20,647	26,354	36,931	83,932	7,038	26,910	—	21,045	54,993	68,672	6,853	75,525
30707	372,249	73,304	93,568	17,632	184,504	24,988	95,540	—	16,137	136,665	243,811	(5,308)	238,503
30708	93,004	18,314	23,377	41,025	82,716	6,243	23,870	—	2,257	32,370	60,914	22,511	83,425
30709	50,482	9,941	12,689	13,181	35,811	3,389	12,956	—	5,976	22,321	33,064	1,913	34,977
30710	75,195	14,808	18,901	27,463	61,172	5,048	19,299	—	5,484	29,831	49,250	12,909	62,159
30711	81,705	16,089	20,537	17,881	54,507	5,485	20,970	—	9,519	35,974	53,514	4,445	57,959
30712	11,496	2,264	2,890	15,565	20,719	772	2,950	—	6,355	10,077	7,529	(250)	7,279
30713	80,795	15,910	20,309	8,087	44,306	5,424	20,736	—	10,545	36,705	52,918	(584)	52,334
30714	55,442	10,918	13,936	1,744	26,598	3,722	14,229	—	9,803	27,754	36,312	(5,429)	30,883
30715	99,768	19,646	25,078	17,908	62,632	6,697	25,606	—	11,714	44,017	65,345	4,541	69,886
30716	133,687	26,326	33,603	26,235	86,164	8,974	34,311	—	12,947	56,232	87,560	8,559	96,119
30717	91,036	17,927	22,883	10,806	51,616	6,111	23,365	—	12,418	41,894	59,625	1,579	61,204
30718	74,026	14,577	18,607	2,155	35,339	4,969	18,999	—	6,681	30,649	48,485	(5,443)	43,042
30719	87,865	17,302	22,086	2,526	41,914	5,898	22,551	—	2,134	30,583	57,549	(429)	57,120
30720	42,327	8,335	10,639	11,554	30,528	2,841	10,863	—	3,949	17,653	27,723	2,777	30,500
30721	54,508	10,734	13,701	20,424	44,859	3,659	13,990	—	13,437	31,086	35,701	3,020	38,721
30722	71,567	14,093	17,989	13,636	45,718	4,804	18,368	—	7,907	31,079	46,874	9,344	56,218
30723	60,884	11,989	15,304	6,075	33,368	4,087	15,626	—	15,668	35,381	39,877	(6,243)	33,634
30724	84,500	16,640	21,240	9,164	47,044	5,672	21,687	—	8,634	35,993	55,344	5,496	60,840
30725	71,947	14,168	18,085	32,003	64,256	4,830	18,466	—	11,197	34,493	47,123	10,758	57,881
30726	42,624	8,394	10,714	8,991	28,099	2,861	10,940	—	8,850	22,651	27,917	(454)	27,463
30727	78,850	15,527	19,820	7,293	42,640	5,293	20,237	—	5,314	30,844	51,644	1,304	52,948
30728	156,921	30,901	39,443	16,020	86,364	10,534	40,275	—	33,925	84,734	102,778	(11,874)	90,904
30729	168,803	33,241	42,430	36,977	112,648	11,331	43,324	—	—	54,655	110,560	21,874	132,434
30730	125,777	24,768	31,615	39,353	95,736	8,443	32,281	—	5,744	46,468	82,380	14,115	96,495
30731	69,153	13,618	17,382	37,946	68,946	4,642	17,749	—	5,115	27,506	45,293	15,638	60,931
30732	53,398	10,515	13,422	7,044	30,981	3,585	13,705	—	4,277	21,567	34,974	88	35,062
30733	162,818	32,062	40,926	30,541	103,529	10,930	41,788	—	11,309	64,027	106,640	7,106	113,746
30734	44,048	8,674	11,072	1,732	21,478	2,957	11,305	—	15,967	30,229	28,850	(4,936)	23,914
30735	93,864	18,484	23,594	12,521	54,599	6,301	24,091	—	3,838	34,230	61,478	1,173	62,651
30736	142,386	28,039	35,790	14,677	78,506	9,558	36,544	—	16,617	62,719	93,258	1,419	94,677
30737	92,409	18,197	23,228	5,120	46,545	6,203	23,717	—	24,741	54,661	60,525	(14,437)	46,088
30738	52,700	10,378	13,247	5,305	28,930	3,538	13,526	—	4,914	21,978	34,517	256	34,773
30739	63,968	12,597	16,079	33,604	62,280	4,294	16,418	—	8,290	29,002	41,897	17,435	59,332
30740	51,366	10,115	12,911	12,558	35,584	3,448	13,183	—	3,408	20,039	33,643	11,947	45,590
30741	36,889	7,264	9,272	12,427	28,963	2,476	9,468	—	1,679	13,623	24,161	5,467	29,628
30742	148,180	29,180	37,246	24,608	91,034	9,947	38,031	—	13,238	61,216	97,053	1,862	98,915
30743	32,156	6,332	8,083	7,696	22,111	2,159	8,253	—	16,417	26,829	21,061	(5,031)	16,030
30744	41,284	8,130	10,377	1,425	19,932	2,771	10,596	—	1,620	14,987	27,039	(981)	26,058
30745	112,368	22,128	28,245	61,277	111,650	7,543	28,840	—	11,617	48,000	73,597	21,540	95,137
30746	63,362	12,477	15,927	1,220	29,624	4,253	16,262	—	11,624	32,139	41,500	(5,240)	36,260
30747	43,877	8,640	11,029	11,131	30,800	2,945	11,261	—	2,625	16,831	28,738	4,807	33,545
30748	27,893	5,493	7,011	8,477	20,981	1,872	7,159	—	25,434	34,465	18,269	(6,250)	12,019
30749	72,060	14,190	18,113	10,507	42,810	4,837	18,495	—	2,289	25,621	47,197	4,627	51,824
30750	70,459	13,875	17,711	14,141	45,727	4,730	18,084	—	18,392	41,206	46,148	(2,037)	44,111
30751	643,454	126,710	161,738	40,633	329,081	43,194	165,146	—	12,920	221,260	421,440	480	421,920
30752	29,310	5,772	7,367	17,814	30,953	1,968	7,523	—	5,505	14,996	19,197	6,579	25,776
30753	31,076	6,120	7,811	311	14,242	2,086	7,976	—	32,129	42,191	20,354	(15,512)	4,842
30754	26,012	5,122	6,538	32,423	44,083	1,746	6,676	—	1,197	9,619	17,037	14,703	31,740
30755	48,318	9,515	12,145	28,574	50,234	3,243	12,401	—	1,813	17,457	31,646	16,328	47,974
30756	153,092	30,147	38,481	42,039	110,667	10,277	39,292	—	12,476	62,045	100,270	14,368	114,638
30757	36,196	7,128	9,098	17,731	33,957	2,430	9,290	—	1,698	13,418	23,707	6,644	30,351
30758	91,746	18,067	23,061	10,858	51,986	6,159	23,547	—	2,839	32,545	60,080	2,643	62,733
30759	39,162	7,712	9,844	7,357	24,913	2,629	10,051	—	9,147	21,627	25,650	1,977	27,627
30760	61,906	12,191	15,561	2,151	29,903	4,156	15,889	—	12,660	32,705	40,547	(7,525)	33,022
30761	64,186	12,640	16,134	11,242	40,016	4,309	16,474	—	8,624	29,407	42,040	2,670	44,710
30762	55,685	10,966	13,997	17,237	42,200	3,738	14,292	—	8,918	26,948	36,472	5,862	42,334
30763	63,947	12,593	16,074	18,531	47,198	4,293	16,412	—	2,701	23,406	41,883	11,783	53,666
30764	72,116	14,201	18,127	10,410	42,738	4,841	18,509	—	4,964	28,314	47,233	3,177	50,410
30765	81,316	16,013	20,439	38	36,490	5,459	20,870	—	3,729	30,058	53,259	(1,108)	52,151

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30766	\$ 36,553	7,198	9,188	22,896	39,282	2,454	9,381	—	6,829	18,664	23,941	5,929	29,870
30767	56,755	11,176	14,266	1,529	26,971	3,810	14,566	—	8,662	27,038	37,173	(5,007)	32,166
30768	253,774	49,973	63,788	—	113,761	17,035	65,132	—	22,183	104,350	166,213	(11,190)	155,023
30769	122,203	24,064	30,717	31,559	86,340	8,203	31,364	—	6,291	45,858	80,038	14,244	94,282
30770	10,649	2,097	2,677	8,457	13,331	715	2,733	—	5,670	9,118	6,975	1,309	8,284
30771	22,453	4,421	5,644	10,268	20,233	1,507	5,763	—	4,934	12,204	14,706	4,530	19,236
30772	58,456	11,511	14,693	15,675	41,879	3,924	15,003	—	3,671	22,598	38,287	8,271	46,558
30773	36,385	7,165	9,146	1,055	17,366	2,442	9,338	—	10,701	22,481	23,831	(6,648)	17,183
30774	68,203	13,431	17,143	1,979	32,553	4,578	17,505	—	16,849	38,932	44,671	(7,656)	37,015
30775	61,041	12,020	15,343	4,828	32,191	4,098	15,667	—	14,137	33,902	39,980	(6,059)	33,921
30776	149,240	29,389	37,513	24,541	91,443	10,018	38,303	—	15,288	63,609	97,747	2,701	100,448
30777	58,848	11,588	14,792	17,594	43,974	3,950	15,104	—	5,520	24,574	38,543	3,395	41,938
30778	56,004	11,028	14,077	7,531	32,636	3,759	14,374	—	9,536	27,669	36,681	(1,317)	35,364
30779	1,386,561	273,043	348,525	66,042	687,610	93,077	355,868	—	147,543	596,488	908,149	(44,757)	863,392
30780	83,387	16,421	20,960	22,389	59,770	5,598	21,402	—	5,240	32,240	54,615	6,728	61,343
30781	27,261	5,368	6,852	16,279	28,499	1,830	6,997	—	2,786	11,613	17,855	2,546	20,401
30782	85,368	16,811	21,458	34,777	73,046	5,731	21,910	—	337	27,978	55,913	17,699	73,612
30783	48,676	9,585	12,235	9,242	31,062	3,268	12,493	—	5,739	21,600	31,881	2,882	34,763
30784	63,790	12,562	16,034	42,736	71,332	4,282	16,372	—	8,428	29,082	41,780	19,456	61,236
30785	261,227	51,441	65,662	98,203	215,306	17,536	67,045	—	5,361	89,942	171,094	47,661	218,755
30786	49,060	9,661	12,332	4,736	26,729	3,293	12,591	—	5,130	21,014	32,132	(1,284)	30,848
30788	82,071	16,161	20,629	23,711	60,501	5,509	21,064	—	3,024	29,597	53,754	6,803	60,557
30789	48,758	9,602	12,256	28,212	50,070	3,273	12,514	—	759	16,546	31,935	13,329	45,264
30790	186,132	36,653	46,786	67,732	151,171	12,495	47,772	—	2,929	63,196	121,910	35,954	157,864
30791	105,132	20,703	26,426	4,689	51,818	7,057	26,983	—	3,859	37,899	68,858	966	69,824
30792	54,185	10,670	13,620	43,375	67,665	3,637	13,907	—	3,651	21,195	35,490	19,482	54,972
30793	39,587	7,796	9,951	600	18,347	2,657	10,160	—	2,816	15,633	25,928	(3,171)	22,757
30794	91,371	17,993	22,967	6,199	47,159	6,134	23,451	—	12,760	42,345	59,845	(2,264)	57,581
30795	163,834	32,262	41,181	34,358	107,801	10,998	42,049	—	5,993	59,040	107,306	11,733	119,039
30796	27,884	5,491	7,009	1,592	14,092	1,872	7,157	—	14,197	23,226	18,263	(8,679)	9,584
30797	86,944	17,121	21,854	5,215	44,190	5,836	22,315	—	22,442	50,593	56,945	(12,310)	44,635
30798	12,880	2,536	3,238	23,919	29,693	865	3,306	—	3,503	7,674	8,436	11,481	19,917
30799	83,297	16,403	20,938	3,014	40,355	5,592	21,379	—	19,543	46,514	54,557	(11,893)	42,664
30800	91,816	18,080	23,079	15,734	56,893	6,163	23,565	—	5,359	35,087	60,136	5,124	65,260
30801	165,179	32,527	41,519	10,891	84,937	11,088	42,394	—	8,659	62,141	108,186	1,500	109,686
30802	46,209	9,100	11,615	4,148	24,863	3,102	11,860	—	4,112	19,074	30,265	(3,365)	26,900
30803	66,048	13,006	16,602	4,454	34,062	4,434	16,952	—	9,903	31,289	43,259	(3,199)	40,060
30804	101,344	19,957	25,474	9,162	54,593	6,803	26,010	—	17,937	50,750	66,377	(3,059)	63,318
30805	30,264	5,960	7,607	24,345	37,912	2,032	7,767	—	5,034	14,833	19,822	9,466	29,288
30806	42,392	8,348	10,656	2,159	21,163	2,846	10,880	—	11,548	25,274	27,765	(468)	27,297
30807	29,322	5,774	7,370	17,193	30,337	1,968	7,526	—	26,907	36,401	19,205	(1,534)	17,671
30808	60,823	11,977	15,289	3,257	30,523	4,083	15,611	—	1,734	21,428	39,837	(1,259)	38,578
30809	45,213	8,903	7,731	27,999	3,035	11,604	3,035	—	5,433	20,072	29,613	1,037	30,650
30810	46,096	9,077	11,587	21,293	41,957	3,094	11,831	—	1,412	16,337	30,191	9,596	39,787
30811	33,965	6,688	8,537	1,382	16,607	2,280	8,717	—	6,882	17,879	22,246	(3,259)	18,987
30812	85,418	16,821	21,471	22,230	60,522	5,734	21,923	—	9,490	37,147	55,946	7,095	63,041
30813	45,487	8,957	11,433	8,144	28,534	3,053	11,674	—	4,100	18,827	29,792	3,509	33,301
30815	32,335	6,367	8,128	1,821	16,316	2,171	8,299	—	3,937	14,407	21,178	(2,055)	19,123
30816	54,104	10,654	13,600	24,383	48,637	3,632	13,886	—	880	18,398	35,436	14,858	50,294
30819	112,767	22,206	28,345	37,655	88,206	7,570	28,942	—	9,432	45,944	73,859	12,955	86,814
30820	19,537	3,847	4,911	25,767	34,525	1,311	5,014	—	304	6,629	12,796	10,057	22,853
30821	47,589	9,371	11,962	7,066	28,399	3,195	12,214	—	631	16,040	31,169	1,934	33,103
30822	49,941	9,834	12,553	5,237	27,624	3,352	12,818	—	3,588	19,758	32,710	(153)	32,557
30823	37,441	7,373	9,411	20,593	37,377	2,513	9,609	—	5,091	17,213	24,523	9,684	34,207
30824	29,272	5,764	7,358	49,009	62,131	1,965	7,513	—	19	9,497	19,172	15,094	34,266
30825	17,862	3,517	4,490	7,678	15,685	1,199	4,584	—	2,041	7,824	11,699	2,646	14,345
30826	75,772	14,921	19,046	56,371	90,338	5,086	19,447	—	12,660	37,193	49,628	22,889	72,517
30827	25,688	5,059	6,457	10,919	22,435	1,724	6,593	—	364	8,881	16,825	5,367	22,192
30828	77,852	15,331	19,569	30,649	65,549	5,226	19,981	—	1,949	27,156	50,990	12,913	63,903
30829	55,146	10,859	13,861	2,636	27,356	3,702	14,153	—	11,748	29,603	36,118	(7,084)	29,034
30830	52,878	10,413	13,291	15,608	39,312	3,550	13,571	—	13,940	31,061	34,633	2,459	37,092
30833	53,050	10,447	13,335	30,755	54,537	3,561	13,616	—	5,974	23,151	34,746	13,588	48,334
30834	27,697	5,454	6,962	24,620	37,036	1,859	7,109	—	1,986	10,954	18,141	12,603	30,744
30835	99,438	19,581	24,995	215	44,791	6,675	25,521	—	21,474	53,670	65,128	(12,649)	52,479

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30837	\$ 66,608	13,117	16,743	5,895	35,755	4,471	17,095	—	8,095	29,661	43,626	(583)	43,043
30838	67,826	13,356	17,049	59,625	90,030	4,553	17,408	—	4,529	26,490	44,424	27,433	71,857
30839	19,142	3,769	4,811	13,698	22,278	1,285	4,913	—	1,501	7,699	12,537	6,324	18,861
30840	34,719	6,837	8,727	6,852	22,416	2,331	8,911	—	3,253	14,495	22,740	2,694	25,434
30841	71,494	14,079	17,971	13,110	45,160	4,799	18,349	—	22,429	45,577	46,826	(5,847)	40,979
30842	35,425	6,976	8,904	10,025	25,905	2,378	9,092	—	3,016	14,486	23,202	14,486	25,821
30843	113,843	22,418	28,616	12,606	63,640	7,642	29,219	—	23,209	60,070	74,564	(2,829)	71,735
30845	44,306	8,725	11,137	41,643	61,505	2,974	11,371	—	3,887	18,232	29,019	18,637	47,656
30846	62,710	12,349	15,763	5,419	33,531	4,210	16,095	—	7,442	27,747	41,073	3,876	44,949
30847	2,360	465	593	2,895	3,953	158	606	—	1,916	2,680	1,546	461	2,007
30848	97,481	19,196	24,503	17,881	61,580	6,544	25,019	—	7,162	38,725	63,847	8,050	71,897
30849	12,677	2,496	3,186	10,590	16,272	851	3,254	—	12,409	16,514	8,303	266	8,569
30850	24,087	4,743	6,054	9,441	20,238	1,617	6,182	—	7,168	14,967	15,776	(456)	15,320
30851	30,039	5,915	7,550	14,721	28,186	2,016	7,710	—	1,346	11,072	19,674	6,678	26,352
30852	87,289	17,189	21,941	16,310	55,440	5,860	22,403	—	3,850	32,113	57,171	6,966	64,137
30853	35,372	6,965	8,891	10,077	25,933	2,374	9,078	—	5,128	16,580	23,167	(449)	22,718
30854	32,294	6,359	8,117	14,019	28,495	2,168	8,288	—	8,477	18,933	21,151	1,589	22,740
30855	58,934	11,605	14,814	12,552	38,971	3,956	15,126	—	996	20,078	38,600	5,692	44,292
30858	43,195	8,506	10,858	7,197	26,561	2,900	11,086	—	6,807	20,793	28,291	(1,274)	27,017
30859	54,187	10,671	13,620	2,613	26,904	3,637	13,907	—	7,288	24,832	35,490	(3,728)	31,762
30860	86,144	16,964	21,653	9,675	48,292	5,783	22,109	—	9,635	37,527	56,421	6,562	62,983
30861	36,623	7,212	9,206	11,757	28,175	2,458	9,400	—	13,675	25,533	23,987	4,105	28,092
30862	44,631	8,789	11,218	754	20,761	2,996	11,455	—	2,176	16,627	29,232	(1,389)	27,843
30863	37,946	7,472	9,538	11,260	28,270	2,547	9,739	—	1,189	13,475	24,853	4,458	29,311
30864	59,900	11,796	15,057	16,949	43,802	4,021	15,374	—	1,396	20,791	39,233	8,833	48,066
30865	53,441	10,524	13,433	692	24,649	3,587	13,716	—	14,482	31,785	35,002	(5,756)	29,246
30867	77,798	15,320	19,555	31,198	66,073	5,222	19,967	—	—	25,189	50,955	13,408	64,363
30869	63,501	12,505	15,962	36,536	65,003	4,263	16,298	—	5,653	26,214	41,591	12,576	54,167
30870	104,757	20,629	26,332	11,616	58,577	7,032	26,887	—	19,112	53,031	68,612	(1,174)	67,438
30871	34,260	6,746	8,612	38,698	54,056	2,300	8,793	—	2,006	13,099	22,439	18,588	41,027
30872	107,922	21,252	27,127	29,636	78,015	7,245	27,699	—	8,107	43,051	70,685	8,863	79,548
30873	26,116	5,143	6,564	19,014	30,721	1,753	6,703	—	3,535	11,991	17,105	8,078	25,183
30874	59,668	11,750	14,998	5,263	32,011	4,005	15,314	—	4,012	23,331	39,080	(2,658)	36,422
30875	34,900	6,873	8,772	9,053	24,698	2,343	8,957	—	3,189	14,489	22,858	5,429	28,287
30877	58,471	11,514	14,697	6,619	32,830	3,925	15,007	—	688	19,620	38,297	4,237	42,534
30878	44,692	8,801	11,234	20,202	40,237	3,000	11,470	—	1,148	15,618	29,272	8,783	38,055
30879	29,229	5,756	7,347	20,314	33,417	1,962	7,502	—	4,900	14,364	19,144	10,185	29,329
30880	80,730	15,897	20,292	69,186	105,375	5,419	20,720	—	2,251	28,390	52,876	32,325	85,201
30881	84,899	16,718	21,340	48,362	58,629	5,699	21,790	—	31,763	59,252	55,606	(8,908)	46,698
30882	57,599	11,342	14,478	7,925	33,745	3,866	14,783	—	8,788	27,437	37,725	(1,962)	35,763
30883	26,094	5,138	6,559	18,510	30,207	1,752	6,697	—	876	9,325	17,090	6,358	23,448
30884	21,476	4,229	5,398	6,178	15,805	1,442	5,512	—	1,880	8,834	14,066	1,495	15,561
30885	22,440	4,419	5,641	8,558	18,618	1,506	5,759	—	5,148	12,413	14,698	(179)	14,519
30886	33,063	6,511	8,311	7,297	22,119	2,219	8,486	—	3,005	13,710	21,655	1,554	23,209
30887	46,227	9,103	11,620	10,493	31,216	3,103	11,864	—	8,621	23,588	30,277	333	30,610
30888	22,630	4,456	5,688	9,318	19,462	1,519	5,808	—	380	7,707	14,822	3,907	18,729
30889	69,234	13,634	17,403	33,589	64,626	4,648	17,769	—	8,726	31,143	45,346	10,291	55,637
30890	36,079	7,105	9,069	2,131	18,305	2,422	8,153	—	8,153	19,835	23,630	(3,160)	20,470
30891	70,850	13,952	17,809	3,995	35,756	4,756	18,184	—	1,635	24,575	46,404	883	47,287
30892	67,497	13,292	16,966	9,850	40,108	4,531	17,323	—	5,019	26,873	44,208	4,583	48,791
30893	78,394	15,437	19,705	15,752	50,894	5,262	20,120	—	2,061	27,443	51,345	4,605	55,950
30894	19,718	3,883	4,956	3,658	12,497	1,324	5,061	—	9,970	16,355	12,914	(3,660)	9,254
30895	65,953	12,987	16,578	1,402	30,967	4,427	16,927	—	9,023	30,377	43,197	(2,197)	41,000
30896	60,037	11,822	15,091	39,020	65,933	4,030	15,409	—	3,417	22,856	39,322	14,502	53,824
30897	54,525	10,737	13,705	20,261	44,703	3,660	13,994	—	2,434	20,088	35,712	8,587	44,299
30898	71,524	14,084	17,978	23,472	55,534	4,801	18,357	—	8,626	31,784	46,845	6,635	53,480
30900	26,971	5,311	6,779	3,528	15,618	1,810	6,922	—	4,404	13,136	17,665	1,256	18,921
30901	55,116	10,854	13,854	422	25,130	3,700	14,146	—	5,547	23,393	36,099	(2,416)	33,683
30903	32,943	6,487	8,281	6,387	21,155	2,211	8,455	—	14,964	25,630	21,577	(4,081)	17,486
30904	66,724	13,139	16,772	6,483	36,394	4,479	17,125	—	13,617	35,221	43,702	(4,999)	38,703
30906	49,036	9,656	12,326	6,701	28,683	3,292	12,585	—	10,777	26,654	32,117	(209)	31,908
30907	12,075	2,378	3,035	22,240	27,653	811	3,099	—	1,333	5,243	7,909	9,524	17,433
30908	37,474	7,379	9,419	34,221	51,019	2,516	9,618	—	1,480	13,614	24,544	14,970	39,514
30909	36,711	7,229	9,228	20,854	37,311	2,464	9,422	—	2,302	14,188	24,045	9,292	33,337

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense	
30910	\$ 10,092	1,987	2,537	16,482	21,006	677	2,590	—	1,770	5,037	6,610	7,630	14,240
30911	27,262	5,368	6,853	20,137	1,830	6,997	—	2,318	11,145	17,856	4,787	22,643	
30912	48,373	9,526	12,159	6,195	27,880	3,247	—	14,630	30,292	31,683	(3,649)	28,034	
30914	88,383	17,405	22,216	40,456	80,077	5,933	—	4,115	32,732	57,888	21,298	79,186	
30915	35,618	7,014	8,953	1,956	17,923	2,391	—	12,309	23,842	23,328	(6,083)	17,245	
30916	38,749	7,631	9,740	29,527	46,898	2,601	—	11,776	24,322	25,380	7,707	33,087	
30917	82,326	16,212	20,693	4,204	41,109	5,526	—	13,721	40,376	53,921	(3,285)	50,636	
30918	27,534	5,422	6,921	12,111	24,454	1,848	—	1,512	10,427	18,034	2,054	20,088	
30919	62,818	12,370	15,790	9,441	37,601	4,217	—	8,927	29,267	41,144	(1,874)	39,270	
30920	92,244	18,165	23,186	49,950	91,301	6,192	—	4,333	34,200	60,416	19,797	80,213	
30924	38,772	7,635	9,746	1,871	19,252	2,603	—	3,962	16,516	25,394	(105)	25,289	
30926	41,118	8,097	10,336	1,923	20,356	2,760	—	6,380	19,693	26,931	(1,673)	25,258	
30927	29,068	5,724	7,306	30,663	43,693	1,951	—	2,370	11,781	19,038	14,384	33,422	
30930	92,838	18,282	23,336	16,771	58,389	6,232	—	11,596	41,655	60,806	1,905	62,711	
30932	73,034	14,382	18,358	3,397	36,137	4,903	—	5,434	29,081	47,835	(2,109)	45,726	
30933	15,928	3,137	4,004	8,680	15,821	1,069	—	7,146	12,303	10,432	(456)	9,976	
30934	30,227	5,952	7,598	25,123	38,673	2,029	—	2,458	12,245	19,798	9,535	29,333	
30935	58,079	11,437	14,599	3,188	29,224	3,899	—	20,035	38,840	38,040	(8,025)	30,015	
30936	98,753	19,446	24,822	9,127	53,395	6,829	—	7,705	39,679	64,680	(316)	64,364	
30937	135,147	26,613	33,971	22,035	82,619	9,072	—	7,110	50,868	88,517	1,562	90,079	
30939	35,265	6,944	8,864	23,661	39,469	2,367	—	3,982	15,400	23,098	7,860	30,958	
30940	22,516	4,434	5,660	15,870	25,964	1,511	—	2,092	9,382	14,747	7,404	22,151	
40001	165,197	32,531	41,524	17,000	91,055	11,089	—	4,299	57,787	108,198	9,155	117,353	
40002	757,939	149,254	190,515	21,335	361,104	50,879	—	22,327	267,735	496,424	3,160	499,584	
40003	3,264,137	642,777	820,471	423,980	1,887,228	219,115	—	64,186	1,121,059	2,137,897	163,463	2,301,360	
40004	535,387	105,429	134,574	9,951	249,954	35,940	—	29,770	203,120	350,660	(10,949)	339,711	
40005	445,775	87,782	112,050	80,046	279,878	29,924	—	26,772	171,107	291,967	20,963	312,930	
40006	347,832	68,495	87,431	154,624	310,550	23,349	—	13,974	126,596	227,818	67,810	295,628	
40007	322,737	63,554	81,123	90,952	235,629	21,665	—	68,009	172,506	211,381	51,394	262,775	
40008	414,617	81,627	104,193	21,519	207,339	27,826	—	106,322	240,536	271,495	(47,842)	223,653	
40009	3,910,385	770,037	982,911	399,944	2,152,892	262,497	—	30,268	1,296,386	2,561,167	155,232	2,716,399	
40010	1,065,387	209,797	267,795	87,623	565,215	71,517	—	16,187	361,141	697,791	58,111	755,902	
40011	144,253	28,406	36,259	91,084	155,749	9,683	—	3,924	50,630	94,481	43,399	137,880	
40012	554,558	109,204	139,393	15,155	263,752	37,226	—	118,882	298,438	363,216	(58,864)	307,352	
40013	802,423	158,014	201,696	164,586	524,296	53,865	—	38,850	298,661	525,559	69,237	594,796	
40014	219,269	43,179	55,115	29,533	127,827	14,719	—	8,580	79,576	143,614	5,481	149,095	
40015	1,501,646	295,705	377,452	266,712	939,869	100,803	—	102,673	588,881	983,526	73,836	1,057,362	
40016	3,061,724	602,918	769,592	371,536	1,744,046	205,528	—	147,473	1,138,809	2,005,324	167,427	2,172,751	
40017	4,944,704	973,716	1,242,897	11,562	2,228,175	331,929	—	202,089	1,803,102	3,238,611	(147,516)	3,091,095	
40018	334,726	65,915	84,137	16,859	166,911	22,470	—	15,785	124,164	219,234	1,132	220,366	
40019	708,904	139,598	178,190	41,540	359,328	47,587	—	9,047	238,578	464,308	(438)	463,870	
40020	727,007	143,163	182,740	21,345	347,248	48,803	—	16,498	251,891	476,164	(1,410)	474,754	
40021	285,314	56,184	71,716	14,570	142,470	19,153	—	22,932	115,312	186,871	(12,988)	173,883	
40022	—	—	—	—	—	—	—	63,672	63,672	—	(27,910)	(27,910)	
40024	265,926	52,366	66,843	103,402	222,611	17,851	—	20,406	106,508	174,172	44,439	218,611	
40025	3,503,832	689,978	880,720	49,743	1,620,441	235,206	—	175,221	1,309,704	2,294,889	(61,502)	2,233,387	
40026	320,095	63,033	80,459	79,271	222,763	21,487	—	9,289	112,930	209,651	36,276	245,927	
40027	1,236,058	243,406	310,695	304,053	858,154	82,974	—	17,519	417,734	809,576	165,731	975,307	
40028	1,090,455	214,733	274,096	101,413	590,242	73,200	—	55,352	408,423	714,211	26,351	740,562	
40029	22,146	4,361	5,567	31,164	41,092	1,487	—	5,542	12,713	14,505	13,910	28,415	
40030	168,168	33,116	42,270	7,825	83,211	11,289	—	24,307	78,757	110,144	(19,670)	90,474	
40031	1,883,578	370,916	473,454	18,565	862,935	126,441	—	86,574	696,445	1,233,678	(38,388)	1,195,290	
40032	1,180,085	232,383	296,625	110,575	639,583	79,217	—	37,109	419,201	772,915	51,638	824,553	
40033	689,347	135,747	173,274	98,354	407,375	46,275	—	10,440	233,640	451,499	33,281	484,780	
40034	694,242	136,711	174,504	26,811	338,026	46,603	—	61,858	286,642	454,705	(30,072)	424,633	
40036	931,896	183,510	234,241	121,230	538,981	62,556	—	31,923	333,655	610,360	47,460	657,820	
40037	142,474	28,056	35,812	35,924	99,792	9,564	—	11,809	57,940	93,316	8,687	102,003	
40038	132,230	26,039	33,237	29,887	89,163	8,876	—	1,928	44,742	86,606	17,005	103,611	
40039	1,279,532	251,967	321,622	476,790	1,050,379	85,893	—	95,115	509,407	838,050	186,151	1,024,201	
40040	623,051	122,692	156,610	147,410	426,712	41,824	—	1,572	203,305	408,077	56,420	464,497	
40041	239,811	47,224	60,279	98,822	206,325	16,549	—	8,337	85,984	157,068	44,558	201,526	
40042	20,110	3,960	5,055	6,189	15,204	1,350	—	5,255	11,766	13,171	(1,191)	11,980	
40043	336,614	66,286	84,611	73,928	224,825	22,596	—	7,139	116,129	220,471	36,680	257,151	
40044	977,648	192,519	245,741	36,079	474,339	65,628	—	139,848	456,394	640,326	(59,456)	580,870	

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
40045	\$ 830,194	163,483	208,677	239,377	611,537	55,729	213,074	—	102,859	371,662	543,748	75,521	619,269
40046	288,063	56,726	72,407	1,112	130,245	19,337	73,933	—	59,394	152,664	188,671	(31,583)	157,088
40048	526,781	103,734	132,411	37,122	273,267	35,362	135,201	—	34,045	204,608	345,024	7,331	352,355
40049	471,784	92,904	118,587	13,152	224,643	31,670	121,086	—	34,965	187,721	309,003	(11,364)	297,639
40050	1,970,756	388,083	495,368	102,678	986,129	132,293	505,805	—	34,145	672,243	1,290,778	44,509	1,335,287
40051	818,106	161,102	205,638	17,588	384,328	54,918	209,971	—	147,540	412,429	535,831	(77,990)	457,841
40052	325,707	64,139	81,870	17,932	163,941	21,864	83,595	—	9,316	114,775	213,327	5,080	218,407
40053	75,290	14,826	18,925	34,903	68,654	5,054	19,324	—	2,554	26,932	49,312	24,463	73,775
40054	742,524	146,218	186,640	62,035	394,893	49,844	190,573	—	23,591	264,008	486,328	20,486	506,814
40055	137,575	27,091	34,581	154,494	216,166	9,235	35,309	—	1,737	46,281	90,107	76,992	167,099
40056	160,946	31,694	40,455	14,213	86,362	10,804	41,308	—	9,536	61,648	105,414	(4,077)	101,337
40057	462,447	91,066	116,240	45,585	252,891	31,043	118,690	—	11,586	161,319	302,887	14,888	317,775
40058	300,114	59,099	75,436	59,099	209,626	20,146	77,026	—	17,652	114,824	196,565	31,934	228,499
40059	142,141	27,991	35,728	13,530	77,249	9,542	36,481	—	8,429	54,452	93,098	7,120	100,218
40060	560,991	110,471	141,010	20,018	271,499	37,658	143,981	—	94,784	276,423	367,430	(36,130)	331,300
40061	658,231	129,619	165,452	46,077	341,148	44,186	168,939	—	47,691	260,816	431,119	(19,183)	411,936
40062	264,223	52,031	66,415	3,731	122,177	17,737	67,814	—	52,243	137,794	137,057	(34,127)	138,930
40063	780,045	153,607	196,071	228,232	577,910	52,363	200,203	—	29,340	281,906	510,903	105,243	616,146
40064	814,303	160,353	204,683	138,171	503,207	54,663	208,995	—	49,108	312,766	533,340	42,284	575,624
40065	1,394,445	274,595	350,506	12,447	637,548	93,606	357,892	—	110,464	561,962	913,313	(51,634)	861,679
40066	825,219	162,503	207,426	36,804	406,733	55,395	211,797	—	136,290	403,482	540,490	(47,003)	493,487
40067	168,826	33,245	42,436	74,905	150,586	11,333	50,586	—	7,624	62,287	110,575	33,453	144,028
40068	368,772	72,619	92,694	34,729	200,042	24,755	94,647	—	8,707	128,109	241,533	18,798	260,331
40069	391,569	77,108	98,424	8,979	184,511	26,285	100,498	—	54,309	181,092	256,464	(17,761)	238,703
40070	806,654	158,847	202,760	105,761	467,368	54,149	207,032	—	32,260	293,441	528,331	21,917	550,248
40071	249,732	49,177	62,772	22,944	134,893	16,764	64,095	—	31,393	112,252	163,566	(15,143)	148,423
40072	52,342	10,307	13,157	4,398	27,862	3,514	13,434	—	6,577	23,525	34,282	(3,756)	30,526
40073	119,818	23,595	30,117	3,425	57,137	8,043	30,752	—	10,374	49,169	78,477	(4,617)	73,860
40074	569,581	112,162	143,169	174,179	429,510	38,235	146,186	—	24,367	208,788	373,056	71,481	444,537
40075	3,854,491	759,030	968,861	101,260	1,829,151	258,745	989,275	—	330,596	1,578,616	2,524,559	(90,788)	2,433,771
40076	428,125	84,307	107,613	58,866	250,786	28,739	109,881	—	5,416	144,036	280,407	39,072	319,479
40077	94,911	18,690	23,857	11,052	53,599	6,371	24,359	—	3,780	34,510	62,164	2,562	64,726
40078	497,651	97,998	125,089	45,739	268,826	33,406	127,725	—	1,146	162,277	325,944	16,470	342,414
40079	77,594	15,280	19,504	3,802	38,586	5,209	19,915	—	4,377	29,501	50,822	1,028	51,850
40080	565,223	111,304	142,074	44,647	298,025	37,942	145,067	—	52,484	235,493	370,202	(16,081)	354,121
40081	156,465	30,811	39,329	2,872	73,012	10,503	40,158	—	22,105	72,766	102,479	(16,486)	85,993
40082	793,978	156,351	199,574	174,054	529,979	53,298	203,779	—	7,919	264,996	520,028	79,478	599,506
40083	88,865	17,499	22,337	24,913	64,749	5,965	22,808	—	1,715	30,488	58,204	10,547	68,751
40084	620,087	122,108	155,864	7,106	285,078	41,625	159,149	—	45,443	246,217	406,136	(30,969)	375,167
40085	641,578	126,340	161,267	35,870	323,477	43,068	164,664	—	129,148	336,880	420,212	(59,008)	361,204
40086	111,315	21,920	27,980	346	50,246	7,472	28,570	—	18,375	54,417	72,908	(9,983)	62,925
40087	1,834,191	361,191	461,041	259,638	1,081,870	123,126	470,755	—	58,803	652,684	1,201,332	121,409	1,322,741
40088	47,001	9,256	11,814	23,593	44,663	3,155	12,063	—	3,710	18,928	30,784	13,167	43,951
40089	211,612	41,671	53,191	17,401	112,263	14,205	54,311	—	11,397	79,913	138,599	8,517	147,116
40090	1,151,432	226,741	289,423	60,196	576,360	77,293	295,521	—	53,075	425,889	754,148	(6,769)	747,379
40091	625,603	123,194	157,251	12	280,457	41,996	160,564	—	60,711	263,271	409,748	(41,698)	368,050
40092	433,288	85,323	108,911	25,773	220,007	29,086	111,206	—	30,266	170,558	283,789	(1,759)	282,030
40093	7,991	1,574	2,009	9,835	13,418	536	1,601	—	1,601	4,188	5,234	3,683	8,917
40094	13,283	2,616	3,339	12,138	18,093	892	3,409	—	8,249	12,550	8,700	(173)	8,527
40095	460,397	90,662	115,725	9,353	215,740	30,906	118,163	—	59,275	208,344	301,544	(30,231)	271,313
40096	953,907	187,844	239,773	245,898	673,515	64,034	244,825	—	30,570	339,429	624,776	94,197	718,973
40097	855,256	168,418	214,976	12,240	395,634	57,412	219,506	—	35,171	312,089	560,163	(10,445)	549,718
40098	2,491,892	490,706	626,360	34,325	1,151,391	167,276	639,557	—	146,411	953,244	1,632,104	(87,639)	1,544,465
40099	319,913	62,998	80,413	82,167	225,578	21,475	82,107	—	11,357	114,939	209,532	238,488	238,488
40100	1,092,688	215,173	274,657	11,768	501,598	73,350	280,444	—	91,777	445,571	715,673	(52,732)	662,941
40104	932,834	183,694	234,476	117,040	535,210	62,619	239,417	—	32,152	334,188	610,974	35,890	646,864
40105	646,768	127,362	162,571	31,267	321,200	43,416	165,996	—	49,121	258,533	423,611	(10,367)	413,244
40106	595,050	117,178	149,571	77,518	344,267	39,945	152,723	—	19,333	212,001	389,737	30,405	420,142
40108	96,964	19,094	24,373	2,091	45,558	6,509	24,886	—	12,872	44,267	63,508	(8,552)	54,956
40109	927,063	182,558	233,026	16,595	432,179	62,232	237,936	—	97,843	398,011	607,194	(43,119)	564,075
40110	219,087	43,143	55,070	151,321	249,534	14,707	56,230	—	1,228	72,165	143,495	74,919	218,414
40111	178,611	35,172	44,895	11,550	91,617	11,990	45,841	—	31,218	89,049	116,984	5,278	122,262
40112	484,490	95,406	121,781	11,529	228,716	32,523	124,347	—	20,834	177,704	317,324	(6,877)	310,447
40113	35,232	6,938	8,856	22,353	38,147	2,365	9,042	—	66	11,473	23,076	10,849	33,925

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Total pension expense
40114	\$ 153,024	30,134	38,464	14,722	83,320	10,272	39,274	—	14,068	63,614	100,225	(3,627)	96,598
40115	106,343	20,941	26,730	2,695	50,366	7,139	27,294	—	21,783	56,216	69,651	(10,958)	58,693
40117	18,237	3,591	4,584	7,324	15,499	1,224	4,681	—	11,847	17,752	11,944	(3,243)	8,701
40118	185,308	36,491	46,579	82,758	165,828	12,439	47,560	—	19,517	79,516	121,370	31,488	152,858
40119	99,773	19,647	25,079	2,863	47,589	6,698	25,607	—	13,416	45,721	65,348	(6,316)	59,032
40120	476,535	93,840	119,781	18,188	231,809	31,989	122,305	—	36,871	191,165	312,114	(12,798)	299,316
40121	333,796	65,731	83,903	74,634	224,268	22,407	85,670	—	22,204	130,281	218,625	31,294	249,919
40122	213,241	41,992	53,600	35,083	130,675	14,314	54,729	—	18,007	87,050	139,666	8,125	147,791
40123	263,584	51,905	66,254	22,947	141,106	17,694	67,650	—	10,080	95,424	172,639	13,042	185,681
40124	53,390	10,514	13,420	41,848	65,782	3,584	13,703	—	9,528	26,815	34,969	20,305	55,274
40125	514,407	101,297	129,301	62,128	292,726	34,531	132,025	—	60,532	227,088	336,919	(12,596)	324,323
40126	72,805	14,337	18,300	18,089	50,726	4,887	18,686	—	1,608	25,181	47,685	4,482	52,167
40127	73,278	14,430	18,419	2,420	35,269	4,919	18,807	—	8,137	31,863	47,994	(3,569)	44,425
40128	237,462	46,761	59,688	12,243	118,692	15,940	60,946	—	15,628	92,514	155,529	(1,678)	153,851
40129	76,843	15,132	19,315	12,513	46,960	5,158	19,722	—	11,823	36,703	50,330	(2,461)	47,869
40130	130,557	25,709	32,817	14,944	73,470	8,764	33,508	—	16,094	58,366	85,511	(4,691)	80,820
40131	28,056	5,525	7,052	4,439	17,016	1,883	7,201	—	10,427	19,511	18,376	(2,718)	15,658
40132	83,370	16,417	20,956	36,945	74,318	5,596	21,397	—	10,976	37,969	54,605	11,057	65,662
40133	199,141	39,215	50,056	13,372	102,643	13,368	51,110	—	40,045	104,523	130,430	(15,524)	114,906
40134	325,187	64,036	81,739	37,299	183,074	21,829	83,461	—	215	105,505	212,987	15,732	228,719
40136	56,040	11,035	14,086	16,277	41,398	3,762	14,383	—	310	18,455	36,704	6,300	43,004
40137	67,804	13,352	17,043	5,213	35,808	4,552	17,402	—	1,865	23,819	44,409	2,650	47,059
40138	46,395	9,136	11,662	14,722	35,520	3,114	11,907	—	470	15,491	30,387	6,670	37,057
40139	280,041	55,146	70,391	18,677	144,214	18,799	71,874	—	7,320	97,993	183,417	16,260	199,677
40140	113,004	22,253	28,405	46,594	97,252	7,586	29,003	—	10,254	46,843	74,014	21,856	95,870
40141	163,361	32,169	41,062	32,693	105,924	10,966	41,927	—	16,766	69,659	106,996	8,417	115,413
40142	31,797	6,262	7,993	14,442	28,697	2,134	8,161	—	2,569	12,864	20,826	5,344	26,170
40143	361,886	71,263	90,963	12,897	175,123	24,293	92,880	—	16,792	133,965	237,023	(5,115)	231,908
40144	136,461	26,872	34,301	28,035	89,208	9,160	35,023	—	6,886	51,069	89,377	16,715	106,092
40145	43,407	8,548	10,911	919	20,378	2,914	11,141	—	17,559	31,614	28,430	(8,599)	19,831
40146	91,937	18,104	23,109	45,284	86,497	6,172	23,596	—	14,381	44,149	60,216	16,882	77,098
40147	14,539	2,863	3,654	2,933	9,450	976	3,731	—	4,237	8,944	9,522	333	9,855
40148	105,805	20,835	26,595	21,135	68,565	7,103	27,155	—	23,393	57,651	69,299	(200)	69,099
40149	291,334	57,370	73,230	49,277	179,877	19,557	74,772	—	13,381	107,710	190,814	14,839	205,653
40150	74,901	14,750	18,827	930	34,507	5,028	19,224	—	14,325	38,577	49,058	(7,472)	41,586
40151	215,456	42,428	54,157	5,631	102,216	14,463	55,298	—	27,870	97,631	141,116	(13,194)	127,922
40152	129,374	25,477	32,519	38,664	96,660	8,685	33,205	—	9,017	50,907	84,736	15,156	99,892
40153	29,423	5,794	7,396	3,975	17,165	1,975	7,552	—	1,569	11,096	19,271	338	19,609
40154	63,760	12,556	16,027	2,674	31,257	4,280	16,364	—	3,893	24,537	41,760	(3,016)	38,744
40155	54,182	10,669	13,619	11,806	36,094	3,637	13,906	—	9,319	26,862	35,487	(3,100)	32,387
40156	25,682	5,057	6,455	2,381	13,893	1,724	6,591	—	8,507	16,822	16,821	(3,824)	12,997
40157	168,072	33,097	42,246	12,465	87,808	11,282	43,136	—	8,537	62,955	110,081	(811)	109,270
40158	125,437	24,701	31,530	2,315	58,546	8,420	32,194	—	40,995	81,609	82,157	(22,674)	59,483
40159	66,914	13,177	16,819	16,672	46,668	4,492	17,174	—	9,105	30,771	43,826	4,111	47,937
40160	110,688	21,797	27,822	5,197	54,816	7,430	28,409	—	17,452	53,291	72,497	(11,156)	61,341
40161	138,395	27,253	34,787	9,295	71,335	9,290	35,520	—	17,140	61,950	90,644	(1,000)	89,644
40162	145,149	28,583	36,484	21,560	86,627	9,744	37,253	—	4,278	51,275	95,067	7,044	102,111
40163	181,475	35,736	45,615	20,909	102,260	12,182	46,577	—	27,711	86,470	118,860	(10,512)	108,348
40164	49,034	9,656	12,325	3,999	25,980	3,292	12,585	—	14,582	30,459	32,115	(9,444)	22,671
40165	408,489	80,440	102,678	23,266	206,384	27,421	104,841	—	9,090	141,352	267,546	453	267,999
40166	174,810	34,424	43,940	10,663	89,027	11,735	44,866	—	17,477	74,078	114,494	(9,427)	105,067
40167	105,289	20,734	26,465	12,270	59,469	7,068	27,023	—	12,395	46,486	68,961	960	69,921
40168	218,157	42,960	54,836	42,683	140,479	14,644	55,991	—	8,648	79,283	142,885	13,067	155,952
40169	22,052	4,342	5,543	1,415	11,300	1,480	5,660	—	5,684	12,824	14,443	(3,809)	10,634
40170	163,986	32,292	41,219	22,102	95,613	11,008	42,088	—	746	53,842	107,405	15,627	123,032
40171	128,145	25,234	32,210	26,601	84,045	8,602	32,889	—	6,269	47,760	83,930	8,332	92,262
40172	104,040	20,488	26,152	4,343	50,983	6,984	26,703	—	5,209	38,896	68,143	(3,101)	65,042
40174	1,359,117	267,639	341,626	4,304	613,569	91,235	348,825	—	123,938	563,998	890,175	(67,961)	822,214
40175	33,862	6,668	8,512	3,246	18,426	2,273	8,691	—	6,905	17,869	22,179	(763)	21,416
40176	275,785	54,308	69,321	55,425	179,054	18,513	70,782	—	24,521	113,816	180,630	19,968	200,598
40177	194,818	38,364	48,969	4,334	91,667	13,078	50,001	—	7,815	70,894	127,599	156	127,755
40178	158,221	31,157	39,770	12,318	83,245	10,621	40,608	—	19,267	70,496	103,629	2,692	106,321
40179	78,789	15,515	19,804	10,269	45,588	5,289	20,222	—	1,503	27,014	51,604	2,938	54,542
40180	431,730	85,017	108,519	51,176	244,712	28,981	110,806	—	37,951	177,738	282,769	8,968	291,737

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Contributions and proportionate share of contributions	Total pension expense
40182	\$ 275,478	54,247	69,244	5,219	128,710	18,492	70,703	—	35,335	124,530	180,428	(15,721)	164,707
40183	183,492	36,133	46,122	18,840	101,095	12,317	47,094	—	7,738	67,149	120,181	13,948	134,129
40184	117,507	23,140	29,537	19,351	72,028	7,888	30,159	—	2,702	40,749	76,963	6,924	83,887
40185	81,966	16,141	20,603	11,110	47,854	5,502	21,037	—	3,785	30,324	53,685	6,747	60,432
40186	218,300	42,988	54,872	13,325	111,185	14,654	56,028	—	16,781	87,463	142,979	(7,573)	135,406
40187	42,671	8,403	10,726	5,558	24,687	2,864	10,952	—	7,175	20,991	27,948	(36)	27,912
40188	90,366	17,795	22,714	722	41,231	6,066	23,193	—	25,990	55,249	59,186	(12,686)	46,500
40190	85,621	16,861	21,522	8,385	46,768	5,748	21,975	—	9,963	37,686	56,079	3,678	59,757
40191	102,082	20,102	25,659	9,475	55,236	6,853	26,200	—	2,422	35,475	66,860	(3,124)	63,736
40192	117,328	23,104	29,491	4,464	57,059	7,876	30,113	—	16,907	54,896	76,846	(10,489)	66,357
40193	174,137	34,291	43,771	12,896	90,958	11,690	44,693	—	10,622	67,005	114,054	9,276	123,330
40194	257,009	50,611	64,602	37,441	152,654	17,253	65,963	—	37,191	120,407	168,332	(7,711)	160,621
40195	131,734	25,941	33,113	8,938	67,992	8,843	33,810	—	21,131	63,784	86,281	(11,078)	75,203
40196	28,659	5,643	7,204	22,183	35,030	1,924	7,355	—	16,445	25,724	18,770	7,524	26,294
40197	41,685	8,209	10,478	6,390	25,077	2,798	10,699	—	13,585	27,082	27,302	(3,527)	23,775
40198	33,360	6,569	8,385	26,998	41,952	2,239	8,562	—	2,627	13,428	21,850	9,066	30,916
40199	227,569	44,813	57,202	49,064	151,079	15,276	58,407	—	22,551	96,234	149,050	14,453	163,503
40200	106,226	20,918	26,701	30,653	78,272	7,131	27,263	—	8,260	42,654	69,574	9,432	79,006
40201	132,790	26,149	33,378	47,193	106,720	8,914	34,081	—	5,326	48,321	86,973	25,543	112,516
40202	365,175	71,911	91,790	3,022	166,723	24,513	93,724	—	18,942	137,179	239,177	(11,558)	227,619
40203	76,956	15,154	19,344	16,850	51,348	5,166	19,751	—	4,021	28,938	50,403	6,463	56,866
40204	191,143	37,640	48,046	11,277	96,963	12,831	49,058	—	19,026	80,915	125,192	(5,349)	119,843
40205	96,794	19,061	24,330	2,006	45,397	6,498	24,843	—	18,909	50,250	63,397	(6,562)	56,835
40206	68,983	13,584	17,340	689	31,613	4,631	17,705	—	19,082	41,418	45,182	(10,743)	34,439
40207	182,485	35,935	45,869	6,597	88,401	12,250	46,836	—	11,265	70,351	119,521	(5,411)	114,110
40209	—	—	—	2,998	2,998	—	—	—	61,161	61,161	—	(19,560)	(19,560)
40210	113,283	22,308	28,475	47,946	98,729	7,604	29,075	—	14,528	51,207	74,196	15,667	89,863
40211	237,954	46,858	59,812	11,431	118,101	15,973	61,072	—	6,012	83,057	155,852	(2,738)	153,114
40212	47,518	9,357	11,944	30,763	52,064	3,190	12,196	—	1,142	16,528	31,122	15,571	46,693
40213	9,336	1,838	2,347	2,849	7,034	627	2,396	—	2,728	5,751	6,115	(390)	5,725
40214	74,674	14,705	18,770	7,698	41,173	5,013	19,166	—	11,065	35,244	48,909	(2,710)	46,199
40215	211,249	41,599	53,099	32,545	127,243	14,181	54,218	—	4,435	72,834	138,361	12,531	150,892
40216	537,511	105,847	135,108	6,022	246,977	36,082	137,955	—	47,324	221,361	352,051	(29,196)	322,855
40217	276,584	54,465	69,522	5,567	129,554	18,567	70,987	—	26,766	116,320	181,153	(14,616)	166,537
40218	677,919	133,496	170,401	47,069	350,966	45,507	173,991	—	31,589	251,087	444,013	5,016	449,029
40219	47,005	9,256	11,815	28,554	49,625	3,155	12,064	—	4,299	19,518	30,786	10,708	41,494
40220	9,387	1,848	2,359	10,057	14,264	630	2,409	—	1,454	4,493	6,148	4,518	10,666
40221	125,625	24,738	31,577	17,474	73,789	8,433	32,242	—	13,236	53,911	82,280	6,315	88,595
40222	61,339	12,079	15,418	46,571	74,068	4,118	15,743	—	10,120	29,981	40,175	17,243	57,418
40223	15,043	2,962	3,781	14,866	21,609	1,010	3,861	—	1,522	6,393	9,853	7,322	17,175
40224	93,344	18,381	23,463	6,689	48,533	6,266	23,957	—	20,392	50,615	61,137	(5,100)	56,037
40225	67,728	13,337	17,024	6,618	36,979	4,546	17,383	—	11,270	33,199	44,359	2,812	47,171
40226	30,486	6,003	7,663	2,842	16,508	2,046	7,824	—	923	10,793	19,967	19	19,986
40227	147,210	28,989	37,003	48,990	114,982	9,882	37,782	—	16,466	64,130	96,417	12,172	108,589
40228	162,236	31,948	40,780	4,057	76,785	10,891	41,639	—	26,923	79,453	106,259	(11,002)	95,257
40229	103,284	20,339	25,961	39,501	85,801	6,933	26,508	—	6,708	40,149	67,647	14,424	82,071
40230	101,320	19,952	25,468	5,200	50,620	6,801	26,004	—	10,428	43,233	66,361	(3,911)	62,450
40231	186,505	36,727	46,880	24,293	107,900	12,520	47,867	—	12,956	73,343	122,154	5,183	127,337
40232	218,048	42,938	54,808	29,774	127,520	14,637	55,963	—	8,449	79,049	142,814	17,993	160,807
40233	145,362	28,625	36,538	17,913	83,076	9,758	37,308	—	37,209	84,275	95,207	(15,800)	79,407
40234	98,248	19,347	24,696	25,365	69,408	6,595	25,216	—	12,735	44,546	64,349	5,272	69,621
40235	103,948	20,470	26,128	8,864	55,462	6,978	26,679	—	6,379	40,036	68,083	(505)	67,578
40236	—	—	—	2,424	2,424	—	—	—	125,586	125,586	—	(43,504)	(43,504)
40237	538,305	106,003	135,308	62,089	303,400	36,135	138,159	—	32,434	206,728	352,571	27,869	380,440
40238	113,032	22,258	28,412	7,747	58,417	7,588	29,010	—	11,234	47,832	74,032	(3,700)	70,332
40240	81,900	16,128	20,586	15,011	51,725	5,498	21,020	—	1,931	28,449	53,641	3,267	56,908
40241	236,402	46,552	59,422	13,832	119,806	15,869	60,674	—	4,685	81,228	154,835	1,585	156,420
40242	86,859	17,104	21,833	18,099	57,036	5,831	22,293	—	7,620	35,744	56,890	5,562	62,452
40243	297,337	58,552	74,738	7,314	140,604	19,960	76,313	—	47,621	143,894	194,746	(24,155)	170,591
40244	33,996	6,695	8,545	15,753	30,993	2,282	8,725	—	7,005	18,012	22,267	2,550	24,817
40245	434,478	85,558	109,210	21,890	216,658	29,166	111,511	—	66,228	206,905	284,568	(27,052)	257,516
40246	68,643	13,517	17,254	5,507	36,278	4,608	17,617	—	6,363	28,588	44,959	4,821	49,780
40247	289,819	57,071	72,849	72,875	202,795	19,455	74,384	—	4,355	98,194	189,821	37,112	226,933
40248	253,345	49,889	63,681	3,760	117,330	17,007	65,022	—	80,068	162,097	165,932	(39,295)	126,637

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
40249	\$ 150,351	29,607	37,792	—	67,399	10,093	38,588	—	29,314	77,995	98,475	(17,009)	81,466
40250	188,380	37,096	47,351	8,896	93,343	12,646	48,349	7,087	7,087	68,082	123,382	326	123,708
40251	88,151	17,359	22,158	12,182	51,699	5,917	22,624	—	4,697	33,238	57,736	(232)	57,504
40252	1,682,817	331,382	422,991	95,903	850,276	112,964	431,904	—	23,550	568,418	1,102,187	54,637	1,156,824
40253	195,128	38,425	49,047	18,589	106,061	13,099	50,081	—	45,697	108,877	127,802	(17,418)	110,384
40254	514,987	101,412	129,447	23,983	254,842	34,570	132,174	—	92,993	259,737	337,298	(32,395)	304,903
40255	43,255	8,518	10,872	25,759	45,149	2,904	11,102	—	1,330	15,336	28,330	12,109	40,439
40257	569,486	112,144	143,146	12,985	268,275	38,229	146,162	—	96,488	280,879	372,994	(41,185)	331,809
40258	144,945	28,543	36,433	6,448	71,424	9,730	37,201	—	6,338	53,269	94,934	3,766	98,700
40259	344,123	67,765	86,499	27,148	181,412	23,100	88,321	—	18,759	130,180	225,389	6,396	231,785
40260	142,568	28,075	35,836	81,278	145,189	9,570	36,591	—	7,306	53,467	93,377	46,010	139,387
40261	358,720	70,639	90,167	63,083	223,889	24,080	92,067	—	3,043	119,190	234,949	26,588	261,537
40262	151,605	29,854	38,107	80,108	148,069	10,177	38,910	—	14,593	63,680	99,296	23,019	122,315
40263	92,111	18,139	23,153	6,795	48,087	6,183	23,641	—	3,479	33,303	60,330	3,677	64,007
40264	300,717	59,217	75,588	23,204	158,009	20,187	77,181	—	14,437	111,805	196,959	(3,620)	193,339
40265	85,659	16,868	21,531	10,680	49,079	5,750	21,985	—	19,061	46,796	56,104	(647)	55,457
40266	306,007	60,259	76,918	12,217	149,394	20,542	78,538	—	91,698	190,778	200,424	(55,022)	145,402
40267	491,029	98,694	123,425	13,090	233,209	32,962	126,025	—	84,606	243,593	321,607	(30,078)	291,529
40268	376,146	74,071	94,548	162,303	330,922	25,250	96,540	—	2,748	124,538	246,362	75,824	322,186
40269	83,919	16,525	21,094	19,672	57,291	5,633	21,538	—	5,190	32,361	54,964	5,907	60,871
40270	109,987	21,659	27,646	623	49,928	7,383	28,229	—	17,255	52,867	72,038	(8,129)	63,909
40271	85,154	16,769	21,404	2,536	40,709	5,716	21,855	—	33,325	60,896	55,773	(17,147)	38,626
40272	52,363	10,311	13,162	22,976	46,449	3,515	13,439	—	9,899	26,853	34,296	7,319	41,615
40274	145,892	28,729	36,671	52,410	117,810	9,793	37,444	—	3,394	50,631	95,554	27,150	122,704
40275	29,038	5,718	7,299	8,253	21,270	1,949	7,453	—	29,375	38,777	19,019	(9,115)	9,904
40276	2,955	582	743	21,617	22,942	198	759	—	1,834	2,791	1,936	9,665	11,601
40277	178,014	35,055	44,745	33,289	113,089	11,950	45,688	—	21,248	78,886	116,593	9,849	126,442
40278	139,015	27,375	34,943	247	62,565	9,332	35,679	—	18,622	63,633	91,050	(9,666)	81,384
40279	75,224	14,813	18,908	14,799	48,520	5,050	19,307	—	13,235	37,592	49,269	(3,636)	45,633
40280	82,881	16,321	20,833	7,681	44,835	5,564	21,272	—	21,759	48,595	54,284	(8,666)	45,618
40281	268,881	52,948	67,586	8,526	129,060	18,050	69,010	—	31,536	118,596	176,108	(6,298)	169,810
40282	70,940	13,970	17,832	4,312	36,114	4,762	18,207	—	3,078	26,047	46,464	(1,077)	45,387
40283	348,354	68,598	87,562	36,841	193,001	23,384	89,407	—	12,270	125,061	228,160	8,977	237,137
40284	62,687	12,344	15,757	8,629	36,730	4,208	16,089	—	7,741	28,038	41,058	(3,403)	37,655
40285	122,805	24,183	30,868	6,706	61,757	8,244	31,518	—	22,198	61,960	80,433	2,128	82,561
40286	73,687	14,511	18,522	11,804	44,837	4,947	18,912	—	18,310	42,169	48,263	1,676	49,939
40287	5,523	1,088	1,388	6,815	3,71	371	1,417	—	1,254	3,042	3,617	2,801	6,418
40290	356,251	70,153	89,547	5,899	165,599	23,914	91,434	—	30,708	146,056	233,332	(11,401)	221,931
40291	76,518	15,068	19,233	6,217	40,518	5,136	19,639	—	3,369	28,144	50,116	6,366	56,482
40292	226,203	44,544	56,858	23,323	124,725	15,185	58,056	—	60,269	133,510	148,155	(30,137)	118,018
40293	161,232	31,750	40,527	1,826	74,103	12,823	41,381	—	18,928	71,132	105,602	(8,853)	96,749
40294	29,576	5,824	7,434	10,280	23,538	1,985	7,591	—	1,631	11,207	19,372	6,514	25,886
40295	236,555	46,583	59,460	12,453	118,496	15,880	60,713	—	21,128	97,721	154,936	(4,650)	150,286
40296	41,945	8,260	10,543	26,105	44,908	2,816	10,765	—	4,036	17,617	27,472	12,502	39,974
40297	51,752	10,191	13,008	518	23,717	3,474	13,282	—	14,454	31,210	33,896	(9,748)	24,148
40299	141,986	27,960	35,690	38,602	102,252	9,531	36,442	—	27,594	73,567	92,996	10,585	103,581
40300	103,272	20,337	25,958	10,995	57,290	6,932	26,505	—	10,033	43,470	67,640	(2,472)	65,168
40301	103,604	20,402	26,042	5,802	52,246	6,955	26,591	—	7,043	40,589	67,857	(2,038)	65,819
40302	609,605	120,044	153,230	33,210	306,484	40,922	156,458	—	46,467	243,847	399,270	(17,489)	381,781
40303	85,826	16,901	21,573	11,453	49,927	5,761	22,028	—	2,549	30,338	56,213	7,428	63,641
40304	—	—	—	—	—	—	—	—	19,444	19,444	—	(15,907)	(15,907)
40305	68,644	13,517	17,254	5,006	35,777	4,608	17,618	—	10,164	32,390	44,959	(3,668)	41,291
40306	54,209	10,675	13,626	756	25,057	3,639	13,913	—	17,148	34,700	35,505	(9,580)	25,925
40307	43,621	8,590	10,964	11,406	30,960	2,928	11,195	—	358	14,481	28,570	5,684	34,254
40308	83,470	16,437	20,981	7,649	45,067	5,603	21,423	—	1,872	28,898	54,670	291	54,961
40309	63,568	12,518	15,978	5,929	34,425	4,267	16,315	—	7,402	27,984	41,635	2,530	44,165
40310	48,476	9,546	12,185	9,999	31,730	3,254	12,442	—	2,419	18,115	31,750	3,864	35,614
40311	58,988	11,616	14,827	5,577	32,020	3,960	15,140	—	9,555	28,655	38,635	439	39,074
40312	39,930	7,863	10,037	6,589	24,489	2,880	10,248	—	2,513	15,441	26,153	2,616	28,769
40313	83,871	16,516	21,082	4,746	42,344	5,630	21,526	—	26,576	53,732	54,933	(13,676)	41,257
40314	91,516	18,021	23,003	16,446	57,470	6,143	23,488	—	12,146	41,777	59,940	152	60,092
40315	79,023	15,561	19,863	3,122	38,546	5,305	20,282	—	6,705	32,292	51,757	(897)	50,860
40318	55,057	10,842	13,839	20,584	45,265	3,696	14,131	—	565	18,392	36,061	9,762	45,823
40319	58,813	11,581	14,783	1,147	27,511	3,948	15,095	—	2,743	21,786	38,520	(232)	38,288



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
40320	\$ 79,490	15,653	19,981	27,921	63,555	5,336	20,402	—	4,880	30,618	52,063	12,388	64,451
40321	130,523	25,703	32,808	74,655	133,166	8,762	33,499	—	6,454	48,715	85,488	27,186	112,674
40322	274,493	54,053	68,996	10,305	133,354	18,426	70,450	—	61,240	150,116	179,783	(26,760)	153,023
40323	161,717	31,845	40,649	19,440	91,934	10,856	41,505	—	10,071	62,432	105,919	9,258	115,177
40324	60,055	11,826	15,095	1,860	28,781	4,031	15,414	—	7,814	27,259	39,334	(4,487)	34,847
40325	739	145	186	1,310	1,641	50	190	—	1,324	1,564	484	765	1,249
40326	172,146	33,899	43,271	49,617	126,787	11,556	44,182	—	4,595	60,333	112,750	23,691	136,441
40327	85,179	16,773	21,410	15,215	53,398	5,718	21,862	—	20,716	48,296	55,789	(4,895)	50,894
40328	119,300	23,493	29,987	12,993	66,473	8,008	30,619	—	4,825	43,452	78,138	6,620	84,758
40329	40,333	7,942	10,138	22,379	40,459	2,707	10,352	—	6,859	19,918	26,417	9,917	36,334
40330	221,546	43,627	55,688	2,240	101,555	14,872	56,861	—	18,890	90,623	145,105	(8,944)	136,161
40331	23,157	4,560	5,821	2,151	12,532	1,555	5,943	—	9,586	17,084	15,167	(3,592)	11,575
40332	141,908	27,945	35,670	95,311	158,926	9,526	36,422	—	15,599	61,547	92,945	40,072	133,017
40333	122,374	24,098	30,760	10,722	65,580	8,215	31,408	—	29,961	69,584	80,151	(16,887)	63,264
40334	32,063	6,314	8,059	5,256	19,629	2,152	8,229	—	3,895	14,276	21,000	1,130	22,130
40335	288,173	56,747	72,435	55,137	184,319	19,345	73,961	—	18,028	111,334	188,744	14,056	202,800
40336	605,375	119,211	152,167	4,393	275,771	40,638	155,373	—	41,503	237,514	396,500	(21,457)	375,043
40338	190,882	37,589	47,980	7,542	93,111	12,814	48,991	—	51,658	113,463	125,021	(16,172)	108,849
40339	242,534	47,760	60,963	21,960	130,683	16,281	62,248	—	11,744	90,273	158,852	(5,752)	153,100
40340	290,034	57,114	72,903	32,328	162,345	19,469	74,439	—	47,665	141,573	189,962	(12,969)	176,993
40341	20,306	3,999	5,104	2,097	11,200	1,363	5,212	—	1,000	7,575	13,300	(418)	12,882
40342	26,007	5,121	6,537	5,306	16,964	1,746	6,675	—	296	8,717	17,034	1,841	18,875
40343	148,618	29,266	37,356	70,591	137,213	9,976	38,144	—	55,032	103,152	97,340	20,172	117,512
40344	19,718	3,883	4,956	26,860	35,699	1,324	5,061	—	—	6,385	12,915	6,715	19,630
40346	90,269	17,776	22,690	7,818	48,284	6,060	23,168	—	42,793	72,021	59,123	(18,528)	40,595
40349	154,286	30,382	38,781	18,986	88,149	10,357	39,598	—	9,949	59,904	101,052	4,174	105,226
40350	18,624	3,667	4,681	4,192	12,540	1,250	4,780	—	11,691	17,721	12,198	(5,026)	7,172
40351	40,305	7,937	10,131	151	18,219	2,706	10,344	—	17,748	30,798	26,398	(8,130)	18,268
40352	45,022	8,866	11,317	5,588	25,771	3,022	11,555	—	5,506	20,083	29,488	2,455	31,943
40353	17,640	3,474	4,434	446	8,354	1,184	4,527	—	10,517	16,228	11,553	(4,711)	6,842
40355	40,640	8,003	10,215	50,349	68,567	2,728	10,431	—	5,598	18,757	26,618	22,176	48,794
40356	131,762	25,947	33,120	12,422	71,489	8,845	33,817	—	19,632	62,294	86,299	(4,481)	81,818
40357	105,349	20,746	26,481	5,099	52,326	7,072	27,038	—	18,846	52,956	69,000	(8,735)	60,265
40358	9,813	1,932	2,466	398	4,796	659	2,518	—	1,584	4,761	6,427	(635)	5,792
40359	9,200	1,812	2,313	1,649	5,774	618	2,361	—	11,041	14,020	6,026	(4,479)	1,547
40360	44,489	8,761	11,183	12,145	32,089	2,986	11,418	—	5,357	19,761	29,139	4,386	33,525
40361	23,128	4,554	5,813	16,959	27,326	1,553	5,936	—	1,041	8,530	15,148	7,319	22,467
40362	25,570	5,035	6,427	17,028	28,490	1,716	6,563	—	10,651	18,930	16,747	6,310	23,057
40363	102,020	20,090	25,644	8,645	54,379	6,848	26,184	—	3,077	36,109	66,820	2,889	69,709
40364	79,346	15,625	19,944	17,050	52,619	5,326	20,365	—	4,779	30,470	51,969	2,389	54,358
40366	102,483	20,181	25,760	83,253	129,194	6,880	26,303	—	541	33,724	67,123	48,416	115,539
40367	14,518	2,859	3,649	5,377	11,885	975	3,726	—	101	4,802	9,509	2,463	11,972
40368	157,476	31,010	39,583	47,936	118,529	10,571	40,417	—	32,006	82,994	103,142	5,623	108,765
40369	271,424	53,449	68,225	43,648	165,322	18,220	69,663	—	12,174	100,057	177,774	14,683	192,457
40370	149,171	29,375	37,495	10,349	77,219	10,014	38,286	—	9,915	58,215	97,702	(5,302)	92,400
40371	44,502	8,763	11,866	1,355	21,304	2,987	11,422	—	19,400	33,809	29,147	(9,870)	19,277
40372	283,406	55,809	71,237	15,191	142,237	19,025	72,738	—	14,442	106,205	185,621	(2,493)	183,128
40373	204,015	40,175	51,281	26,243	117,699	13,695	52,362	—	29,805	95,862	133,623	3,318	136,941
40374	24,260	4,777	6,098	1,041	11,916	1,629	6,226	—	2,085	9,940	15,889	(788)	15,101
40375	191,470	37,705	48,128	40,567	126,400	12,853	49,142	—	6,573	68,568	125,406	17,796	143,202
40376	420,904	82,885	105,798	81,178	269,861	28,254	108,027	—	7,855	144,136	275,677	32,966	308,643
40377	32,726	6,444	8,919	8,226	23,589	2,197	8,399	—	15,367	25,963	21,435	(2,550)	18,885
40378	104,108	20,501	26,169	21,070	67,740	6,989	26,720	—	9,218	42,927	68,187	9,683	77,870
40379	279,450	55,030	70,242	47,520	172,792	18,759	71,722	—	4,985	95,466	183,030	29,080	212,110
40380	121,815	23,988	30,619	20,035	74,642	8,177	31,265	—	12,679	52,121	79,785	(962)	78,823
40381	205,916	40,549	51,759	3,281	95,589	13,823	52,849	—	26,372	93,044	134,868	(16,998)	117,870
40382	151	30	38	1,773	1,841	10	39	—	2,504	2,553	99	(94)	5
40383	11,572	2,279	2,909	85	5,273	777	2,970	—	8,477	12,224	7,580	(1,851)	5,729
40384	204,954	40,360	51,517	7,353	99,230	13,758	52,603	—	32,274	98,635	134,238	(18,550)	115,688
40385	93,002	18,314	23,377	27,566	69,257	6,243	23,869	—	6,403	36,515	60,913	7,144	68,057
40386	221,441	43,606	55,661	6,774	106,041	14,865	56,834	—	33,399	105,098	145,036	(13,573)	131,463
40388	67,842	13,359	17,053	10,788	41,200	4,554	17,412	—	8,487	30,453	44,434	579	45,013
40389	71,169	14,015	17,889	4,864	36,768	4,777	18,266	—	5,779	28,822	46,613	(3,038)	43,575
40390	49,260	9,700	12,382	8,446	30,528	3,307	12,643	—	2,776	18,726	32,264	4,147	36,411

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
40391	\$ 39,415	7,762	9,907	14,295	31,964	2,646	10,116	—	3,686	16,448	25,815	2,800	28,615
40392	62,305	12,269	15,661	6,608	34,538	4,182	15,991	—	5,724	25,897	40,807	(234)	40,573
40393	11,507	2,266	2,892	1,967	7,125	772	2,953	—	4,669	8,394	7,537	(1,660)	5,877
40394	11,951	2,353	3,004	5,598	10,955	802	3,067	—	427	4,296	7,827	1,533	9,360
40395	107,205	21,111	26,947	12,385	60,443	7,196	27,515	—	7,045	41,756	70,215	4,436	74,651
40396	68,746	13,537	17,280	12,843	43,660	4,615	17,644	—	2,388	24,647	45,026	3,997	49,023
40397	38,017	7,486	9,556	16,700	33,742	2,552	9,757	—	7,541	19,850	24,900	2,919	27,819
40398	163,873	32,270	41,191	15,312	88,773	11,000	42,059	—	60,139	113,198	107,331	(21,456)	85,875
40399	8,444	1,663	2,123	1,604	5,390	567	2,167	—	2,138	4,872	5,531	93	5,624
40400	25,200	4,962	6,334	657	11,953	1,692	6,468	—	11,560	19,720	16,505	(5,949)	10,556
40401	903,828	177,983	227,185	63,090	468,258	60,672	231,972	—	43,329	335,973	591,976	(689)	591,287
40402	80,769	15,905	20,302	19,549	55,756	5,422	20,730	—	2,353	28,505	52,901	6,828	59,729
40403	204,646	40,299	51,440	52,929	144,668	13,737	52,523	—	512	66,772	134,036	22,316	156,352
40404	269,771	53,124	67,810	70,856	191,790	18,109	69,238	—	31,926	119,273	176,691	30,769	207,460
40405	103,872	20,455	26,109	3,576	50,140	6,973	26,659	—	12,712	46,344	68,033	(5,441)	62,592
40406	18,161	3,576	4,565	2,829	10,970	1,219	4,661	—	818	6,698	11,895	315	12,210
40407	76,867	15,137	19,321	15,406	49,864	5,160	19,728	—	7,917	32,805	50,345	3,488	53,833
40409	82,633	16,272	20,771	37,215	74,258	5,547	21,208	—	6,170	32,925	54,122	15,270	69,392
40411	172,400	33,949	43,334	64,092	141,375	11,573	44,247	—	15,795	71,615	112,916	29,525	142,441
40412	13,060	2,572	3,283	1,397	7,252	877	3,352	—	11,305	15,534	8,554	(5,502)	3,052
40413	42,390	8,347	10,655	1,491	20,493	2,846	10,880	—	12,896	26,622	27,764	(5,390)	22,374
40416	68,871	13,562	17,311	12,500	43,373	4,623	17,676	—	25,560	47,859	45,108	(6,660)	38,448
40417	15,499	3,052	3,896	1,737	8,685	1,040	3,978	—	5,772	10,790	10,151	(4,467)	5,684
40418	38,003	7,484	9,552	11,790	28,826	2,551	9,754	—	4,234	16,539	24,890	4,460	29,350
40419	78,961	15,549	19,848	7,589	42,986	5,301	20,266	—	4,459	30,026	51,717	1,638	53,355
40420	37,312	7,348	9,379	636	17,363	2,505	9,576	—	6,840	18,921	24,438	(3,883)	20,555
40421	39,102	7,700	9,829	1,401	18,930	2,625	10,036	—	16,231	28,892	25,610	(5,820)	19,790
40422	—	—	—	1,173	—	—	—	—	19,231	19,231	—	(8,406)	(8,406)
40423	41,719	8,215	10,486	2,559	21,260	2,801	10,707	—	4,969	18,477	27,324	(1,674)	25,650
40424	5,356	1,055	1,346	3,585	5,986	360	1,375	—	4,027	5,762	3,508	1,207	4,715
40425	—	—	—	652	652	—	—	—	22,245	22,245	—	(9,727)	(9,727)
40426	30,646	6,035	7,703	25,676	39,414	2,057	7,866	—	778	10,701	20,072	11,848	31,920
40427	21,273	4,189	5,347	12,982	22,518	1,428	5,460	—	11,403	18,291	13,933	2,675	16,608
40428	117,550	23,148	29,547	52,453	105,148	7,891	30,170	—	2,719	40,780	76,991	27,222	104,213
40430	66,983	13,190	16,837	35,178	65,205	4,496	17,192	—	6,104	27,792	43,871	14,873	58,744
40431	—	—	—	539	539	—	—	—	6,934	6,934	—	(1,664)	(1,664)
40432	21,497	4,233	5,403	1,752	11,388	1,443	5,517	—	3,717	10,677	14,080	952	15,032
40433	39,340	7,747	9,889	1,752	19,388	2,641	10,097	—	2,013	14,751	25,767	840	26,607
40434	46,945	9,244	11,800	6,736	27,780	3,151	12,049	—	1,407	16,607	30,747	2,567	33,314
40435	25,947	5,110	6,522	5,519	17,151	1,742	6,659	—	12,467	20,868	16,994	(4,536)	12,458
40436	33,806	6,657	8,497	55,571	70,725	2,269	8,676	—	6,206	17,151	22,142	25,863	48,005
40437	69,802	13,746	17,545	16,466	47,757	4,686	17,915	—	14,918	37,519	45,718	(6,887)	38,831
40438	80,666	15,885	20,276	1,890	38,051	5,415	20,703	—	23,820	49,938	52,834	(9,765)	43,069
40439	129,869	25,574	32,644	32,338	90,556	8,718	33,332	—	7,795	49,845	85,060	9,752	94,812
40440	28,281	5,569	7,109	2,034	14,712	1,898	7,259	—	9,723	18,880	18,523	(5,010)	13,513
40441	54,404	10,713	13,675	1,314	25,702	3,652	13,963	—	10,968	28,583	35,633	(3,195)	32,438
40442	17,784	3,502	4,470	4,216	12,188	1,194	4,564	—	633	6,391	11,648	1,870	13,518
40443	34,270	6,749	8,614	6,806	22,169	2,301	8,796	—	663	11,760	22,446	2,240	24,686
40444	44,793	8,821	11,259	2,117	22,197	3,007	11,496	—	6,357	20,860	29,338	(3,075)	26,263
40445	35,806	7,051	9,000	6,381	22,432	2,404	9,190	—	9,845	21,439	23,452	1,850	25,302
40446	76,496	15,064	19,228	1,201	35,493	5,135	19,633	—	17,749	42,517	50,102	(9,172)	40,930
40447	545,677	107,455	137,161	24,445	269,061	36,630	140,051	—	134,000	310,681	357,399	(43,480)	313,919
40448	19,042	3,750	4,786	9,191	17,727	1,278	4,887	—	13,148	19,313	12,472	1,900	14,372
40449	38,473	7,576	9,670	33,881	51,127	2,583	9,874	—	29,070	41,527	25,198	322	25,520
40450	30,180	5,943	7,586	6,200	19,729	2,026	7,746	—	8,750	18,522	19,767	(636)	19,131
40451	21,106	4,156	5,305	16,438	25,899	1,417	5,417	—	8,392	15,226	13,824	448	14,272
40452	90,297	17,781	22,697	866	41,344	6,061	23,175	—	23,068	52,304	59,142	(9,115)	50,027
40453	56,951	11,215	14,315	9,862	35,392	3,823	14,617	—	6,507	24,947	37,301	2,542	39,843
40454	433,644	85,394	109,000	16,940	211,334	29,110	111,297	—	21,867	162,274	284,022	(4,306)	279,716
40455	15,502	3,053	3,897	3,383	10,333	1,041	3,979	—	2,879	7,899	10,153	671	10,824
40456	319,335	62,884	80,268	33,474	176,626	21,436	81,959	—	4,894	108,289	209,153	17,991	227,144
40457	601,537	118,455	151,202	1,048	270,705	40,380	154,388	—	79,545	274,313	393,986	(30,748)	363,238
40458	2,721	536	684	1,468	2,688	183	698	—	1,729	2,610	1,782	312	2,094
40459	9,147	1,801	2,299	21,134	25,234	614	2,348	—	9,604	12,566	5,991	5,588	11,579

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Proportionate share of contributions	Total pension expense
40460	\$ 27,169	5,350	6,829	9,751	21,930	1,824	6,973	—	5,888	14,685	17,795	2,384	20,179
40461	1,512	298	380	2,834	3,512	101	388	—	2,766	3,255	990	858	1,848
40462	29,573	5,824	7,434	17,991	31,249	1,985	7,590	—	6,140	15,715	19,369	4,727	24,096
40464	51,293	10,101	12,893	17,946	40,940	3,443	13,165	—	6,643	23,251	33,595	5,946	39,541
40465	45,760	9,011	11,502	1,971	22,484	3,072	11,744	—	6,359	21,175	29,971	(3,140)	26,831
40467	42,516	8,372	10,687	11,933	30,992	2,854	10,912	—	6,246	20,012	27,847	4,598	32,445
40468	74,690	14,708	18,774	16,618	50,100	5,014	19,169	—	4,567	28,750	48,919	6,223	55,142
40470	109,840	21,630	27,609	4,981	54,220	7,373	28,191	—	7,356	42,920	71,942	817	72,759
40471	23,549	4,637	5,919	9,949	20,505	1,581	6,044	—	2,538	10,163	15,424	2,883	18,307
40472	12,430	2,448	3,124	10,632	16,204	834	3,190	—	4,734	8,758	8,141	3,572	11,713
40473	13,390	2,637	3,366	15,836	21,839	899	3,437	—	1,684	6,020	8,770	5,875	14,645
40474	70,546	13,892	17,732	15,090	46,714	4,736	18,106	—	3,406	26,248	46,205	4,943	51,148
40475	7,107	1,399	1,786	5,221	8,406	477	1,824	—	1,061	3,362	4,655	2,965	7,620
40476	21,186	4,172	5,325	110	9,607	1,422	5,437	—	2,662	9,521	13,876	(2,536)	11,340
40477	6,963	1,371	1,750	6,087	9,208	467	1,787	—	522	2,776	4,560	2,791	7,351
40479	854,836	168,335	214,871	36,253	419,459	57,384	219,398	—	69,009	345,791	559,888	(42,910)	516,978
40480	35,508	6,992	8,925	27,752	43,669	2,384	9,113	—	1,320	12,817	23,256	15,154	38,410
40481	33,787	6,653	8,493	9,560	24,706	2,268	8,672	—	2,377	13,317	22,129	1,732	23,861
40482	4,207	828	1,057	2,156	4,041	282	1,080	—	1,347	2,709	2,755	110	2,865
40483	27,374	5,391	6,881	17,109	29,381	1,838	7,026	—	1,053	9,917	17,929	7,290	25,219
40484	54,565	10,745	13,715	2,254	26,714	3,663	14,004	—	15,431	33,098	35,738	(8,376)	27,362
40486	49,872	9,821	12,536	1,275	23,632	3,348	12,800	—	14,958	31,106	32,665	(6,918)	25,747
40489	3,311	652	832	5,050	6,534	222	860	—	304	1,376	2,169	2,489	4,658
40492	12,508	2,463	3,144	18,451	24,058	840	3,210	—	1,795	5,845	8,192	7,103	15,295
40494	50,332	9,911	12,651	16,633	39,195	3,379	12,918	—	6,419	22,716	32,966	4,290	37,256
40498	59,644	11,745	14,992	1,383	28,120	4,004	15,308	—	9,630	28,942	39,065	(6,526)	32,539
40503	33,013	6,501	8,298	13,360	28,159	2,216	8,473	—	16,701	27,390	21,622	1,557	23,179
40510	54,386	10,710	13,671	14,330	38,711	3,651	13,959	—	11,132	28,742	35,621	1,888	37,509
40520	57,331	11,290	14,411	24,840	50,541	3,849	14,714	—	1,445	20,008	37,550	10,449	47,999
40524	8,333	1,641	2,094	2,626	6,361	559	2,139	—	914	3,612	5,458	872	6,330
40525	—	—	—	—	—	—	—	—	1,369	1,369	—	(437)	(437)
40528	47,681	9,389	11,985	18,398	39,772	3,201	12,238	—	4,414	19,853	31,230	5,339	36,569
40529	145,686	28,689	36,619	3,511	68,819	9,780	37,391	—	24,528	71,699	95,419	(12,240)	83,179
40532	142,344	28,031	35,780	33,181	96,992	9,555	36,533	—	5,279	51,367	93,231	19,664	112,895
40533	796	157	200	1,583	2,004	53	204	—	—	257	521	306	827
40536	2,107	415	530	360	1,305	141	541	—	68	750	1,380	146	1,526
40537	351	69	88	4,451	4,608	24	90	—	1,463	1,577	230	1,628	1,858
40540	45,256	8,912	11,376	38,926	59,214	3,038	11,615	—	714	15,367	29,641	23,995	53,636
40544	96,759	19,054	24,321	15,185	58,560	6,495	24,834	—	62,201	93,530	63,373	(21,530)	41,843
40545	33,327	6,563	8,377	164	15,104	2,237	8,554	—	7,279	18,070	21,828	(4,066)	17,762
40551	22,268	4,385	5,597	11,432	21,414	1,495	5,715	—	6,735	13,945	14,585	2,147	16,732
40552	3,368	663	847	2,766	4,276	226	864	—	2,201	3,291	2,206	907	3,113
40553	9,262	1,824	2,328	10,919	15,071	622	2,377	—	3,325	6,324	6,066	5,385	11,451
40561	50,018	9,850	12,573	8,496	30,919	3,358	12,837	—	14,903	31,098	32,760	(2,998)	29,762
40562	659,034	129,778	165,654	91,108	386,540	44,240	169,145	—	—	213,385	431,645	27,455	459,100
40563	18,715	3,685	4,704	195	8,584	1,256	4,803	—	8,028	14,087	12,258	(5,117)	7,141
40564	31,318	6,167	7,872	13,801	27,840	2,102	8,038	—	13,106	23,246	20,512	2,756	23,268
40566	7,306	1,439	1,837	5,897	9,173	490	1,875	—	1,777	4,142	4,785	(697)	4,088
40567	16,502	3,250	4,148	—	7,398	1,108	4,235	—	5,135	10,478	10,808	(4,830)	5,978
40570	27,825	5,479	6,994	16,556	29,029	1,868	7,141	—	23,616	32,625	18,225	(775)	17,450
40571	18,288	3,601	4,597	18,804	27,002	1,228	4,694	—	10,878	16,800	11,978	6,456	18,434
40574	30,679	6,041	7,711	501	14,253	2,059	7,874	—	13,893	23,826	20,094	(7,076)	13,018
40575	41,611	8,194	10,459	65,005	83,658	2,793	10,680	—	6,240	19,713	27,254	28,072	55,326
40576	81,172	15,985	20,403	4,000	40,388	5,449	20,833	—	22,319	48,601	53,165	(7,308)	45,857
40577	49,161	9,681	12,357	45,878	67,916	3,300	12,617	—	5,441	21,358	32,199	22,746	54,945
40578	96,990	19,099	24,379	55,405	98,883	6,511	24,893	—	7,836	39,240	63,525	30,920	94,445
40579	77,303	15,223	19,431	10,773	45,427	5,189	19,840	—	29,043	54,072	50,631	(7,875)	42,756
40580	167,059	32,897	41,992	2,688	77,577	11,214	42,877	—	16,738	70,829	109,418	(2,135)	107,283
40581	597,809	117,721	150,265	122,633	390,619	40,130	153,431	—	65,605	259,166	391,544	18,099	409,643
40582	21,459	4,226	5,394	18,217	27,837	1,441	5,508	—	3,026	9,975	14,055	7,744	21,799
40583	36,535	7,194	9,183	4,862	21,239	2,452	9,377	—	8,246	20,075	23,929	(4,691)	19,238
50008	283,973	55,920	71,379	26,975	154,274	19,063	72,883	—	3,442	95,388	185,992	19,738	205,730
50021	2,802,812	551,932	704,512	137,998	1,394,442	188,148	719,356	—	117,122	1,024,626	1,835,745	7,815	1,843,560
50023	91,792,222	18,075,808	23,072,813	13,043,302	54,191,923	6,161,840	23,558,958	—	678,533	30,399,331	60,120,743	6,024,846	66,145,589

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Contributions and proportionate share of contributions	Total pension expense
50029	\$ 144,786	28,511	36,393	55,449	120,353	9,719	37,160	—	10,647	57,526	94,830	19,142	113,972
50034	522,300	102,852	131,285	77,660	131,797	35,061	134,051	—	21,587	190,699	342,088	19,205	361,293
50035	224,428	44,195	56,412	248,573	349,180	15,065	57,601	—	48,698	121,364	146,993	108,510	255,503
50040	91,188	17,957	22,921	19,138	60,016	6,121	23,404	—	22,418	51,943	59,725	(3,834)	55,891
50056	281,543	55,442	70,768	83,627	209,837	18,899	72,259	—	12,477	103,635	184,401	38,653	223,054
50061	338,610	66,679	85,113	122,260	274,052	22,730	86,906	—	14,912	124,548	221,778	62,814	284,592
50064	37,877,206	7,458,814	9,520,782	7,585,839	24,565,435	2,542,626	9,721,385	—	1,489,574	13,753,585	24,808,265	3,557,985	28,366,250
50065	122,203	24,064	30,717	24,185	78,966	8,203	31,364	—	51,905	91,472	80,039	(10,735)	69,304
50083	32,033,858	6,308,137	8,052,003	722,414	15,082,554	2,150,373	8,221,658	—	6,202,274	16,574,305	20,981,073	(2,594,045)	18,387,028
50087	15,949,971	3,140,883	4,009,171	866,505	8,016,559	1,070,692	4,093,644	—	298,666	5,463,002	10,446,682	278,456	10,725,138
50089	14,832,105	2,920,752	3,728,185	471,012	7,119,949	995,651	3,806,738	—	1,075,738	5,878,127	9,714,518	(358,835)	9,355,683
50097	36,267	7,142	9,116	3,411	19,669	2,435	9,308	—	1,053	12,796	23,754	1,222	24,976
50098	223,535	44,019	56,187	97,600	197,806	15,005	57,371	—	21,490	93,866	146,408	38,826	185,234
50099	716,625	141,118	180,130	262,716	583,964	48,106	183,926	—	7,453	239,485	469,365	143,630	612,995
50100	240,722	47,403	60,508	129,371	237,282	16,159	61,783	—	20,391	98,333	157,665	58,416	216,081
50101	77,590	15,279	19,503	28,028	62,810	5,208	19,914	—	11,140	36,262	50,819	16,235	67,054
50108	705,597	138,947	177,358	86,501	402,806	47,365	181,095	—	28,663	257,123	462,141	40,119	502,260
50117	40,089	7,894	10,077	42,178	60,149	2,691	10,289	—	19,282	32,262	26,257	12,923	39,180
50122	2,832,840	557,845	712,060	233,564	1,503,469	190,163	727,063	—	65,721	982,947	1,855,413	115,417	1,970,830
50123	350,429	69,007	88,084	10,834	167,925	23,524	89,939	—	34,450	147,913	229,519	(18,251)	211,268
50128	835,960	164,618	210,126	23,663	398,407	56,116	214,554	—	6,702	277,372	547,525	4,202	551,727
50130	—	—	—	—	—	—	—	—	—	9,610	—	(668)	(668)
50132	216,949	42,722	54,532	6,036	103,290	14,563	55,681	—	55,766	126,010	142,094	(30,600)	111,494
50134	—	—	—	14,238	—	—	—	—	7,388	7,388	—	2,919	2,919
50138	146,626	28,874	36,856	1,552	67,282	9,843	37,632	—	49,956	97,431	96,035	(25,264)	70,771
50140	1,568,829	308,935	394,340	408,934	1,112,209	105,313	402,648	—	36,878	544,839	1,027,529	160,717	1,188,246
50141	222,111	43,738	55,830	198,059	297,627	14,910	57,006	—	34,300	106,216	145,475	104,365	249,840
50143	1,122,434	221,031	282,134	174,140	677,305	75,347	288,079	—	2,480	365,906	735,156	86,512	821,668
50148	311,830	61,406	78,381	23,272	163,059	20,933	80,033	—	9,436	110,402	204,238	6,442	210,680
50151	70,973	13,976	17,840	4,023	35,839	4,764	18,215	—	18,931	41,910	46,485	(7,768)	38,717
50152	297,456	58,575	74,768	61,903	195,246	19,968	76,344	—	16,748	113,060	194,823	20,372	215,195
50163	367,461	72,361	92,365	11,381	176,107	24,667	94,311	—	31,746	150,724	240,674	2,733	243,407
50169	118,109	23,258	29,688	72,445	125,391	7,928	30,313	—	15,646	53,887	77,357	32,521	109,878
50178	134,058	26,399	33,697	18,977	79,073	8,999	34,407	—	11,005	54,411	87,803	1,522	89,325
50191	406,378	80,024	102,147	8,180	190,351	27,279	104,299	—	43,493	175,071	266,164	(25,256)	240,908
50196	262,395	51,671	65,955	3,517	121,143	17,614	67,345	—	47,358	132,317	171,859	(21,753)	150,106
50198	4,233,614	833,687	1,064,158	95,493	1,993,338	284,195	1,086,579	—	198,975	1,569,749	2,772,871	(57,952)	2,714,919
50200	1,664,587	327,792	418,409	289,940	1,036,141	111,741	427,225	—	457,791	996,757	1,090,247	(87,549)	1,002,698
50201	321,983	63,405	80,933	55,135	199,473	21,614	82,639	—	3,103	107,356	210,888	36,230	247,118
50205	1,766,447	347,850	444,013	30,804	822,667	118,578	453,368	—	150,386	722,332	1,156,962	(78,750)	1,078,212
50207	277,818	54,708	69,832	45,167	169,707	18,649	71,303	—	4,381	94,333	181,961	23,804	205,765
50208	198,201	39,030	49,820	80,569	169,419	13,305	50,869	—	7,219	71,393	129,815	45,833	175,648
50209	21,344	4,203	5,365	4,419	13,987	1,433	5,478	—	2,208	9,119	13,980	441	14,421
50217	293,891	57,873	73,872	254,340	386,085	19,728	75,429	—	28,727	123,884	192,488	120,073	312,561
50222	111,536	21,964	28,036	8,173	58,173	7,487	28,626	—	38,133	74,246	73,052	(15,403)	57,649
50223	14,384	2,833	3,616	30,237	36,686	966	3,692	—	783	5,441	9,421	15,183	24,604
50225	135,881	26,758	34,155	49,194	110,107	9,121	34,875	—	7,625	51,621	88,997	18,810	107,807
50228	46,698	9,196	11,738	622	21,556	3,135	11,985	—	12,702	27,822	30,586	(9,728)	20,858
50229	131,357	25,867	33,018	60,113	118,998	8,818	33,714	—	7,771	50,303	86,035	31,496	117,531
50230	1,217,995	239,849	306,154	61,692	607,695	81,762	312,605	—	132,357	526,724	797,745	(23,870)	773,875
50231	312,656	61,569	78,589	27,027	167,185	20,988	80,245	—	16,780	118,013	204,779	(2,383)	202,396
50235	27,669	5,449	8,013	6,955	20,417	1,857	7,101	—	3,914	18,122	18,122	5,923	24,045
50241	215,370	42,411	54,135	14,698	111,244	14,457	55,276	—	38,638	108,371	141,060	(7,859)	133,201
50244	272,786	53,717	68,567	11,394	133,678	18,312	70,012	—	4,835	93,159	178,666	4,440	183,106
50245	1,038,805	204,562	261,113	191,464	657,139	69,733	266,615	—	91,554	427,902	680,382	56,681	737,063
50250	248,546	48,944	62,474	19,444	130,862	16,684	63,791	—	11,877	92,352	162,789	3,727	166,516
50252	12,604	2,482	3,168	7,760	13,410	846	3,235	—	5,508	9,589	8,255	563	8,818
50255	5,480	1,079	1,377	12,063	14,519	368	1,406	—	3,815	5,589	3,589	3,937	7,526
50256	47,549	9,363	11,952	—	21,315	3,192	12,204	—	14,073	29,469	31,143	(6,422)	24,721
50258	406,766	80,101	102,244	90	182,435	27,305	104,399	—	65,089	196,793	266,418	(39,896)	226,522
50260	115,848	22,813	29,119	18,156	70,088	7,777	16,874	—	16,874	54,384	75,876	6,593	82,469
50261	10,297	2,028	2,588	2,314	6,930	691	2,643	—	1,945	5,279	6,744	(1,632)	5,112
50264	285,278	56,177	71,707	2,311	130,195	19,150	73,218	—	70,636	163,004	186,847	(28,405)	158,442
50272	281,738	55,480	70,818	118,118	244,416	18,913	72,310	—	3,839	95,062	184,529	64,596	249,125

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
50279	\$ 1,056,410	208,029	265,538	31,964	505,531	70,915	271,133	—	47,065	389,113	691,912	(39,713)	652,199
50280	235,307	46,337	59,147	81,641	187,125	15,796	60,393	—	1,396	77,585	154,118	44,157	198,275
50292	398,962	78,564	100,283	3,950	182,797	26,782	102,396	—	88,499	217,677	261,306	(36,499)	224,807
50296	159,305	31,370	40,043	34,427	105,840	10,694	40,886	—	8,017	59,597	104,339	13,183	117,522
50304	11,106	2,187	2,792	41,831	46,810	746	2,850	—	4,496	8,092	7,274	19,176	26,450
50318	370,302	72,920	93,079	54,663	220,662	24,858	95,040	—	26,465	146,363	242,535	17,896	260,431
50319	560,687	110,411	140,934	125,299	376,644	37,638	143,903	—	13,947	195,488	367,231	52,596	419,827
50321	126,234	24,858	31,730	53,588	110,176	8,474	32,399	—	15,079	55,952	82,679	16,772	99,451
50326	182,865	26,012	45,965	6,612	88,587	12,275	46,933	—	13,461	72,669	119,770	(1,100)	118,670
50340	799,620	157,462	200,992	58,541	416,995	53,677	205,227	—	13,063	271,967	523,723	13,557	537,280
50363	90,431	17,808	22,731	66,833	26,294	6,833	6,070	—	7,241	36,521	59,229	7,712	66,941
50370	47,287	9,312	11,886	1,469	22,667	3,174	12,136	—	4,269	19,579	30,971	(1,259)	29,712
50372	311,267	61,295	78,240	153,307	292,842	20,895	79,888	—	40,573	141,356	203,869	51,189	255,058
50376	215,863	42,508	54,259	53,904	150,671	14,490	55,402	—	27,398	97,290	141,383	13,043	154,426
50377	274,366	54,028	68,964	82,058	205,050	18,418	70,418	—	5,716	94,552	179,701	44,892	224,593
50379	207,091	40,781	52,054	86,632	179,467	13,902	53,151	—	8,764	75,817	135,638	35,535	171,173
50393	248,889	49,011	62,560	307,403	418,974	16,707	63,879	—	26,054	106,640	163,013	140,778	303,791
50395	155,214	30,565	39,014	58,868	128,447	10,419	39,837	—	8,855	59,111	101,660	24,239	125,899
50410	1,698,064	334,384	426,824	138,312	899,520	113,988	435,817	—	103,727	653,532	1,112,174	(22,658)	1,089,516
50411	119,142	23,462	29,947	51,961	105,370	7,998	30,578	—	7,768	46,344	78,034	23,329	101,363
50412	180,148	35,475	45,282	95,113	175,870	12,093	46,236	—	15,396	73,725	117,991	40,714	158,705
50413	632,708	124,593	159,037	240,802	524,432	42,472	162,388	—	30,410	235,270	414,402	115,746	530,148
50416	45,432	8,947	11,420	13,013	33,380	3,050	11,660	—	4,669	19,379	29,756	2,075	31,831
50419	65,378	12,874	16,433	6,802	36,109	4,389	16,780	—	19,702	40,871	42,821	(8,892)	33,929
50420	4,452	877	1,119	6,451	8,447	299	1,143	—	994	2,436	2,916	2,914	5,830
50421	106,134	20,900	26,678	15,448	63,026	7,125	27,240	—	17,943	52,308	69,514	(5,607)	63,907
50424	16,536,632	3,256,409	4,156,633	1,039,976	8,453,018	1,110,073	4,244,214	—	2,640,319	7,994,606	10,830,924	(1,035,603)	9,795,321
50425	31,019,193	6,108,328	7,796,957	2,271,526	16,176,811	2,082,260	7,961,239	—	—	10,043,499	20,316,503	1,023,574	21,340,077
50430	927,279	182,601	233,080	78,271	493,952	62,246	237,991	—	22,885	323,122	607,336	48,960	656,296
50439	742,518	146,217	186,639	92,564	425,420	49,844	190,571	—	66,256	306,671	486,324	(14,746)	471,578
50442	442,654	87,168	111,265	59,384	257,817	29,715	113,609	—	21,053	164,377	289,923	3,048	292,971
50455	335,594	66,085	84,355	159,041	309,481	22,528	86,132	—	90,579	199,239	219,802	64,905	284,707
50462	92,784	18,271	23,322	131	41,724	6,228	23,813	—	34,007	64,048	60,770	(22,418)	38,352
50470	312,418	61,522	78,529	22,629	162,880	20,972	80,184	—	36,471	137,627	204,623	(1,283)	203,340
50471	82,423	16,231	20,718	65,652	102,601	5,533	21,154	—	4,151	30,838	53,984	33,605	87,589
50474	95,859	18,877	24,095	17,937	60,909	6,435	24,603	—	3,503	34,541	62,784	4,724	67,508
50501	384,723	75,760	96,704	136,019	308,483	25,826	98,741	—	3,967	128,534	251,980	70,448	322,428
50506	645,851	127,181	162,340	54,897	344,418	43,355	165,761	—	15,672	224,788	423,010	19,564	442,574
50508	11,133,129	2,192,346	2,798,414	2,725,007	7,715,767	747,346	2,857,376	—	139,053	3,743,775	7,291,816	1,017,357	8,309,173
50514	206,406	40,646	51,882	7,277	99,805	13,856	52,975	—	11,480	78,311	135,189	(9,054)	126,135
50528	342,563	67,458	86,106	11,844	165,408	22,996	87,921	—	8,242	119,159	224,367	(8,311)	216,056
50533	58,071	11,435	14,597	7,626	33,658	3,898	14,904	—	4,632	23,434	38,034	(178)	37,856
50539	100,301	19,751	25,212	10,002	54,965	6,733	25,743	—	18,934	51,410	65,694	(2,015)	63,679
50546	649,108	127,823	163,159	71,424	362,406	43,573	166,597	—	4,622	214,792	425,143	25,803	450,946
50555	499,115	98,286	125,457	54,454	278,197	33,505	128,101	—	32,962	194,568	326,903	5,398	332,301
50561	216,537	42,641	54,429	110,846	207,916	14,536	55,575	—	28,883	98,994	141,825	48,929	190,754
50563	479,617	94,447	120,556	271,532	486,535	32,196	123,096	—	34,383	189,675	314,133	150,575	464,708
50580	143,577	28,089	33,952	98,314	33,952	9,638	36,850	—	907	47,395	94,038	17,886	111,924
50586	142,080	27,978	35,713	8,951	72,642	9,538	36,466	—	40,546	86,550	93,057	(17,039)	76,018
50588	426,042	83,897	107,090	55,202	246,189	28,599	109,346	—	17,223	155,168	279,043	3,068	282,111
50593	55,888	11,006	14,048	22,496	47,550	3,752	14,344	—	5,440	23,536	36,605	8,946	45,551
50597	152,273	29,986	38,275	3,393	71,654	10,222	39,082	—	35,884	85,188	99,733	(24,927)	74,806
50603	1,292	255	325	168	748	87	332	—	524	943	847	(77)	770
50604	—	—	—	19,830	19,830	—	—	—	13,908	13,908	—	7,905	7,905
50614	1,637,723	322,502	411,657	13,219	747,378	109,937	420,330	—	117,065	647,332	1,072,652	(48,217)	1,024,435
50615	186,320	36,690	46,833	1,360	84,883	12,507	47,820	—	41,477	101,804	122,033	(18,189)	103,844
50618	247,388	48,716	62,183	59,768	170,667	16,607	63,493	—	7,675	87,775	162,031	28,622	190,653
50626	37,249,306	7,335,167	9,362,953	5,706,050	22,404,170	2,500,476	9,560,231	—	982,207	13,042,914	24,397,012	1,462,061	25,859,073
50627	112,951	22,242	28,391	10,449	61,082	7,582	28,989	—	3,600	40,171	73,979	(1,844)	72,135
50629	3,932,796	774,450	988,544	385,123	2,148,117	264,001	1,009,373	—	55,425	1,328,799	2,575,846	164,314	2,740,160
50638	623,398	122,760	156,697	148,010	427,467	41,848	159,999	—	55,345	257,192	408,305	452,119	452,119
50644	365,226	71,921	91,803	36,245	199,969	24,517	93,737	—	23,382	141,636	239,211	6,143	245,354
50671	376,535	74,148	94,646	11,580	180,374	25,276	96,640	—	57,129	179,045	246,618	(22,990)	223,628
50690	466,474	91,858	117,252	186,215	395,325	31,314	119,723	—	52,183	203,220	305,524	57,995	363,519

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
50698	\$ 841,674	165,743	211,562	219,103	596,408	56,500	216,020	—	5,117	277,637	551,267	122,949	674,216
50702	105,134	20,703	26,426	2,322	49,451	7,057	26,983	—	12,567	46,607	68,859	(5,677)	63,182
50704	139,782	27,526	35,136	26,637	89,299	9,383	35,876	—	7,010	52,269	91,553	(1,084)	90,469
50705	158,124	31,138	39,746	37,230	108,114	10,615	40,583	—	11,438	62,636	103,566	9,256	112,822
50706	454,699	89,540	114,293	16,070	219,903	30,523	116,701	—	45,785	193,009	297,812	(24,240)	273,572
50707	49,345	9,717	12,403	41,085	63,205	3,312	12,665	—	5,684	21,661	32,319	19,943	52,262
50708	407,807	80,306	102,506	44,682	227,494	27,375	104,666	—	82,991	215,032	267,100	(29,304)	237,796
50709	64,474	12,696	16,206	18,991	47,893	4,328	16,548	—	6,258	27,134	42,228	3,431	45,659
50711	333,421	65,657	83,808	45,937	195,402	22,382	85,574	—	1,422	109,378	218,379	23,700	242,079
50712	6,453,756	1,270,880	1,622,210	1,543,307	4,436,397	433,229	1,656,390	—	134,660	2,224,279	4,226,988	703,352	4,930,340
50713	215,089	42,356	54,065	65,273	161,694	14,439	55,204	—	24,820	94,463	140,876	40,436	181,312
50715	162,074	31,916	40,739	7,862	80,517	10,880	41,597	—	15,471	67,948	106,153	(8,891)	97,262
50716	82,588	16,263	20,759	9,305	46,327	5,544	21,197	—	32,776	59,517	54,093	(12,728)	41,365
50717	69,747	13,735	17,531	14,171	45,437	4,682	17,901	—	4,498	27,081	45,682	4,029	49,711
50720	125,305	24,675	31,497	37,354	93,526	8,411	32,160	—	18,747	59,318	82,070	12,385	94,455
50722	1,041,391	205,072	261,763	101,647	568,482	69,907	267,279	—	63,799	400,985	682,076	32,989	715,065
50724	227,105	44,722	57,085	134,157	235,964	15,245	58,288	—	7,843	81,376	188,746	66,299	215,045
50725	52,971	10,431	13,315	7,934	31,680	3,556	13,595	—	1,193	18,344	34,694	(3,527)	31,167
50726	300,350	59,145	75,496	115,994	250,635	20,162	77,087	—	2,524	99,773	196,719	69,630	266,349
50727	129,234	25,449	32,484	7,816	65,749	8,675	33,169	—	22,387	64,231	84,644	(9,780)	74,864
50728	434,576	85,577	109,235	91,667	286,479	29,172	111,536	—	10,539	151,247	284,633	37,384	322,017
50729	511,441	100,713	128,555	288,969	518,237	34,332	131,264	—	1,201	166,797	334,976	154,417	489,393
50730	45,744	9,008	11,498	9,719	30,225	3,071	11,741	—	4,688	19,500	29,961	695	30,656
50731	63,402	12,485	15,937	830	29,252	4,256	16,272	—	8,566	29,094	41,526	(2,836)	38,690
50732	173,540	34,174	43,621	26,196	103,991	11,649	44,540	—	9,261	65,450	113,663	263	113,926
50733	222,311	43,778	55,880	15,597	115,255	14,923	57,057	—	25,448	97,428	145,606	(595)	145,011
50738	102,731	20,230	25,822	39,503	85,555	6,896	26,367	—	6,403	39,666	67,286	17,020	84,306
50740	60,982	12,009	15,328	21,504	48,841	4,094	15,651	—	12,952	32,697	39,941	4,427	44,368
50742	2,272,151	447,434	571,126	27,710	1,046,270	152,525	583,160	—	125,228	860,913	1,488,181	(96,490)	1,391,691
50743	161,627	31,828	40,626	33,185	105,639	10,850	41,482	—	13,546	65,878	105,860	14,405	120,265
50748	91,087	17,937	22,896	48,543	89,376	6,115	23,378	—	2,616	32,109	59,659	22,854	82,513
50752	105,093	20,695	26,416	3,463	50,574	7,055	28,973	—	26,202	60,230	88,832	(15,261)	53,571
50755	6,547,379	1,289,316	1,645,743	978,115	3,913,174	439,513	1,680,419	—	207,931	2,327,863	4,288,307	286,702	4,575,009
50756	19,829	3,905	4,984	64,256	73,145	1,331	5,089	—	8,894	15,314	12,987	30,651	43,638
50761	1,928,577	379,777	484,765	40,549	905,091	129,462	494,979	—	77,880	702,321	1,263,151	(20,542)	1,242,609
50764	84,990	16,736	21,363	16,146	54,245	5,705	21,813	—	18,491	46,009	55,665	(2,169)	53,496
50766	3,051,058	600,817	766,911	462,317	1,830,045	204,812	783,070	—	—	987,882	1,998,338	190,300	2,188,638
50767	378,259	74,487	95,079	41,173	210,739	25,392	97,082	—	45,950	168,424	247,747	323	248,070
50768	473,220	93,187	118,948	37,711	249,846	31,766	121,454	—	9,051	162,271	309,943	16,255	326,198
50772	4,094,611	806,314	1,029,218	26,430	1,861,962	274,864	1,050,903	—	135,247	1,461,014	2,681,829	(33,301)	2,648,528
50773	263,933	51,974	66,342	—	118,316	17,717	67,740	—	81,739	167,196	172,867	(35,101)	137,766
50775	162,913	32,081	40,950	28,496	101,527	10,936	41,813	—	15,327	68,076	106,703	(3,633)	103,070
50776	447,763	88,174	112,549	180,497	381,220	30,057	114,921	—	19,425	164,403	293,269	80,722	373,991
50777	11,658,072	2,295,718	2,930,363	591,469	5,817,550	782,585	2,992,106	—	883,816	4,658,507	7,635,635	(308,984)	7,326,651
50778	338,104	66,580	84,986	10,777	162,343	22,696	86,776	—	10,936	120,408	221,447	90	221,537
50780	199,172	39,221	50,064	49,529	138,814	13,370	51,119	—	8,488	72,977	130,451	22,986	153,437
50781	320,467	63,107	80,552	88,484	232,143	21,512	82,250	—	7,505	111,267	209,895	34,787	244,682
50782	202,748	39,925	50,962	12,904	103,791	13,610	52,036	—	36,254	101,900	132,793	(15,966)	116,827
50784	485,836	95,671	122,119	183,653	401,443	32,613	124,692	—	9,095	166,400	318,206	94,727	412,933
50785	1,521,789	299,672	382,516	337,761	1,019,949	102,155	390,575	—	25,237	517,967	966,720	157,901	1,154,621
50786	76	15	19	7	41	5	20	—	13	38	50	3	53
50788	371,711	73,198	93,433	124,636	291,267	24,952	95,402	—	21,009	141,363	243,458	34,149	277,607
50789	715,601	140,917	179,873	27,953	348,743	48,037	183,663	—	8,316	240,016	468,694	16,951	485,645
50790	299,868	59,050	75,374	97,502	231,926	20,130	76,963	—	25,157	122,250	196,403	47,086	243,489
50791	84,129	16,567	21,147	35,278	72,992	5,647	21,592	—	2,004	29,243	55,101	14,421	69,522
50792	96,613	19,025	24,284	18,061	61,370	6,485	24,796	—	2,010	33,291	63,278	4,428	67,706
50793	235,597	46,394	59,219	17,835	123,448	15,815	60,467	—	7,079	83,361	154,308	4,217	158,525
50795	2,109,179	415,341	530,161	752,670	1,698,172	141,585	541,332	—	—	682,917	1,381,439	350,519	1,731,958
50796	156,902	30,897	39,439	32,826	103,162	10,533	40,270	—	16,330	67,133	102,765	(2,508)	100,257
50797	227,000	44,701	57,059	4,786	106,546	15,238	58,261	—	35,658	109,157	148,677	(24,968)	123,709
50798	215,124	42,362	54,073	25,708	122,143	14,441	55,213	—	17,635	87,289	140,898	(737)	140,161
50800	322,366	63,481	81,030	106,291	250,802	21,640	82,737	—	2,308	106,685	211,139	49,715	260,854
50801	154,927	30,508	38,942	18,748	88,198	10,400	39,763	—	5,234	55,397	101,472	6,095	107,567
50803	307,979	60,647	77,413	35,894	173,954	20,674	79,044	—	18,345	118,063	201,715	5,921	207,636

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
50804	\$ 1,833,288	361,013	460,814	185,886	1,007,713	123,065	470,523	—	29,675	623,263	1,200,741	77,177	1,277,918
50805	112,639	22,181	28,313	16,048	66,542	28,909	—	—	15,486	51,956	73,775	(4,098)	69,677
50806	680,265	133,958	170,991	48,381	353,330	45,665	174,594	—	25,561	245,820	445,550	6,006	451,556
50808	206,675	40,699	51,950	34,429	127,078	13,874	53,044	—	25,358	92,276	135,365	9,582	144,947
50809	2,175,599	428,421	546,857	116,746	1,092,024	146,044	558,379	—	9,373	713,796	1,424,942	58,385	1,483,327
50813	137,926	27,160	34,669	6,058	67,887	9,259	35,399	—	11,471	56,129	90,336	(4,788)	85,548
50814	6,501,446	1,280,271	1,634,198	96,106	3,010,575	436,430	1,668,630	—	476,506	2,581,566	4,258,223	(215,221)	4,043,002
50816	75,640	14,895	19,013	5,400	39,308	5,078	19,413	—	36,525	61,016	49,541	(13,620)	35,921
50817	348,615	68,650	87,628	20,112	176,390	23,402	89,474	—	28,417	141,293	228,331	(2,777)	225,554
50818	7,598,896	1,496,382	1,910,052	127,466	3,533,900	510,100	1,950,297	—	1,057,605	3,518,002	4,977,015	(533,013)	4,444,002
50819	252,890	49,799	63,566	—	113,365	16,976	64,905	—	22,065	103,946	165,634	(12,415)	153,219
50820	586,911	115,575	147,526	34,959	298,060	39,398	150,634	—	22,329	212,361	384,407	(16,516)	367,891
50821	4,209,252	828,890	1,058,034	198,496	2,085,420	282,559	1,080,327	—	37,761	1,400,647	2,756,915	34,155	2,791,070
50822	422,584	83,216	106,220	—	189,436	28,367	108,458	—	88,471	225,296	276,778	(59,990)	216,788
50823	845,697	166,535	212,574	—	379,109	56,770	217,053	—	87,743	361,566	553,902	(56,062)	497,840
50827	917,693	180,713	230,671	20,731	432,115	61,603	235,531	—	148,775	445,909	601,058	(131,516)	469,542
50829	444,339	87,500	111,689	94,816	294,005	29,828	114,042	—	2,797	146,667	291,027	30,764	301,791
50832	118,774	23,389	29,855	16,197	69,441	7,973	30,484	—	230	38,687	77,793	3,500	81,293
50835	37,410	7,367	9,403	5,361	22,131	2,511	9,602	—	39,828	51,941	24,503	(12,606)	11,897
50837	4,349,098	856,428	1,093,186	184,970	2,134,584	291,947	1,116,219	—	107,347	1,515,513	2,848,509	52,848	2,901,357
50839	7,296,297	1,436,793	1,833,991	450,223	3,721,007	489,787	1,872,633	—	263,728	2,626,148	4,778,823	116,155	4,894,978
50842	42,996	8,467	10,807	11,141	30,415	2,886	11,035	—	8,922	22,843	28,161	(6,869)	21,292
50843	5,765,521	1,135,352	1,449,216	535,975	3,120,543	387,029	1,479,751	—	4,060	1,870,840	3,776,218	204,039	3,980,257
50845	632,940	124,639	159,095	165,471	449,205	42,488	162,447	—	50,403	255,338	414,554	58,695	473,249
50847	3,660,889	720,906	920,198	499,384	2,140,488	245,749	939,587	—	99,274	1,284,610	2,397,756	185,230	2,582,986
50850	176,369	34,731	44,332	6,207	11,839	85,270	19,850	—	19,850	76,955	115,515	(5,737)	109,778
50851	37,667	7,417	9,468	19,485	36,370	2,529	9,667	—	5,458	17,654	24,670	7,141	31,811
50853	3,521,810	693,518	885,239	283,099	1,861,856	236,412	903,891	—	14,851	1,155,154	2,306,664	122,035	2,428,699
50858	6,675,749	1,314,595	1,678,011	198,757	3,191,363	448,131	1,713,366	—	27,795	2,189,292	4,372,386	11,337	4,383,723
50860	336,357	66,236	84,546	29,506	180,288	22,579	86,328	—	51,019	159,926	220,302	(11,737)	208,565
50861	479,589	94,441	120,549	34,555	249,545	32,194	123,089	—	42,516	197,799	314,114	(5,773)	308,341
50862	24,472,364	4,819,120	6,151,352	3,826,419	14,796,891	1,642,784	6,280,961	—	—	7,923,745	16,028,555	1,540,366	17,568,921
50865	1,365,454	268,886	343,219	80,029	692,134	91,660	350,451	—	45,262	487,373	894,325	5,286	899,611
50869	5,401	1,064	1,358	12,393	14,815	363	1,386	—	1,766	3,515	3,538	4,715	8,253
50874	110,564	21,772	27,791	23,375	72,938	7,422	28,377	—	11,187	46,986	72,416	11,916	84,332
50876	488,531	96,202	122,797	154,793	373,792	32,794	125,384	—	29,626	187,804	319,971	67,620	387,591
50877	3,048,683	600,349	766,314	490,289	1,856,952	204,652	782,460	—	—	987,112	1,996,782	245,411	2,242,193
50879	100,054	19,703	25,149	32,255	77,107	6,716	25,679	—	19,441	51,836	65,532	(989)	64,543
50880	—	—	—	139	139	—	—	—	6,871	6,871	—	(3,250)	(3,250)
50881	1,646,314	324,194	413,816	147,321	885,331	110,514	422,535	—	118,391	651,440	1,078,279	10,636	1,088,915
50883	7,851,901	1,546,204	1,973,647	519,384	4,039,235	527,083	2,015,232	—	—	2,542,315	5,142,725	186,597	5,329,322
50884	7,763,595	1,528,814	1,951,450	236,257	3,716,521	521,156	1,992,568	—	149,602	2,663,326	5,084,887	145,792	5,230,679
50886	76,019	14,970	19,108	6,857	40,935	5,103	19,511	—	9,419	34,033	49,790	(1,129)	48,661
50887	380,655	74,959	95,681	10,069	180,709	25,553	97,697	—	63,667	186,917	249,316	(26,021)	223,295
50888	91,909	18,099	23,102	5,986	47,187	6,170	23,589	—	9,598	39,357	60,197	(5,700)	54,497
50892	4,368	860	1,098	52,420	54,378	293	1,121	—	68,236	69,650	2,861	(1,458)	1,403
50893	212,817	41,908	53,494	121,485	216,887	14,286	54,621	—	4,695	73,602	139,388	68,253	207,641
50894	130,615	25,721	32,831	40,692	99,244	8,768	33,523	—	15,535	57,826	85,548	7,055	92,603
50895	383,749	75,568	96,459	50,438	222,465	25,760	98,491	—	28,190	152,441	251,343	12,612	263,955
50897	1,687,520	332,308	424,174	92,732	849,214	113,280	433,111	—	97,799	644,190	1,105,267	(29,022)	1,076,245
50900	—	—	—	—	—	—	—	—	6,027	6,027	—	(9,404)	(9,404)
50901	110,313	21,723	27,728	3,096	52,547	7,405	28,312	—	23,701	59,418	72,251	(7,480)	64,771
50902	6,531	1,286	1,642	7,530	10,458	438	1,676	—	271	2,385	4,277	3,710	7,987
50904	101,691	20,025	25,561	3,076	48,662	6,826	26,099	—	21,859	54,784	66,604	(6,832)	59,772
50905	97,451	19,190	24,495	18,600	62,285	6,542	25,011	—	7,063	38,616	63,827	3,370	67,197
50908	1,872,023	368,641	470,550	117,928	957,119	125,665	480,465	—	20,448	626,578	1,226,111	3,590	1,229,701
50909	1,490,328	293,477	374,608	97,421	765,506	100,043	382,501	—	4,845	487,389	976,114	67,348	1,043,462
50911	512,680	100,957	128,867	191,569	421,393	34,415	131,582	—	7,488	173,485	335,787	105,559	441,346
50912	70,210	13,826	17,648	1,698	33,172	4,713	18,020	—	14,486	37,219	45,985	(7,995)	37,990
50913	1,253,980	246,935	315,199	56,426	618,560	84,177	321,841	—	29,618	435,636	821,314	(9,786)	811,528
50915	218,367	43,001	54,889	34,437	132,327	14,659	56,045	—	8,989	79,693	143,023	10,446	153,469
50917	446,662	87,957	112,273	5,015	205,245	29,984	114,638	—	106,600	250,682	292,548	(54,825)	237,723
50918	2,366,512	466,016	594,844	113,140	1,174,000	158,860	607,378	—	47,402	813,640	1,549,984	8,936	1,558,920
50919	102,537	20,192	25,774	48,165	94,131	6,883	26,317	—	21,984	55,184	67,158	11,816	78,974

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
50923	\$ 16,117,821	3,173,936	4,051,362	4,811,281	12,036,579	1,081,959	4,136,724	—	86,893	5,305,576	10,556,618	2,171,354	12,727,972
50924	1,168,567	230,115	293,730	97,774	621,619	78,444	20,935	399,298	765,371	8,143	773,514		773,514
50925	95,695	18,844	24,054	11,956	54,854	6,424	24,561	—	14,184	45,169	62,677	1,371	64,048
50929	76,762	15,116	19,295	36,744	71,155	5,153	19,701	—	2,254	27,108	50,276	20,203	70,479
50930	174,053	34,275	43,750	47,822	125,847	11,684	44,672	—	23,541	79,897	113,999	10,689	124,688
50931	371,734	73,202	93,439	8,352	174,993	24,954	95,408	—	67,073	187,435	243,473	(40,147)	203,326
50932	1,310,081	257,982	329,301	304,773	892,056	87,943	336,239	—	103,380	527,562	858,058	94,271	952,329
50935	2,030,240	399,797	510,319	458,503	1,368,619	136,286	521,072	—	160,607	817,965	1,329,737	131,437	1,461,174
50936	299,375	58,953	75,251	33,712	167,916	20,096	76,836	—	10,271	107,203	196,080	5,621	201,701
50937	2,283,625	449,694	574,010	138,639	1,162,343	153,295	586,104	—	116,385	855,784	1,495,696	(7,128)	1,488,568
50938	109,178	21,499	27,443	12,406	61,348	7,329	30,556	—	30,556	65,906	71,508	(10,460)	61,048
50939	85,818	16,899	21,571	51,842	90,312	5,761	22,026	—	3,742	31,529	56,208	25,289	81,497
50940	98,817	19,459	24,839	20,390	64,688	6,633	25,362	—	11,541	43,536	64,722	9,401	74,123
50941	51,214	10,085	12,873	19,387	42,345	3,438	13,144	—	10,244	26,826	33,543	6,050	39,593
50942	125,300	24,674	31,495	4,671	60,840	8,411	32,159	—	37,812	78,382	82,067	(17,077)	64,990
50943	375,931	74,029	94,494	24,042	192,565	25,236	96,485	—	18,398	140,119	246,222	2,064	248,286
50944	341,556	67,260	85,853	70,652	223,765	22,928	87,662	—	7,418	118,008	223,708	35,276	258,984
50945	1,897,514	373,660	476,957	331,261	1,181,878	127,377	487,007	—	221,172	835,556	1,242,806	7,145	1,249,951
50946	1,450,354	285,605	364,560	63,781	713,946	97,360	372,241	—	141,087	610,688	949,932	(40,402)	909,530
50948	259,366	51,075	65,194	48,037	164,306	17,411	66,568	—	59,904	143,883	169,876	(17,053)	152,823
50949	6,643,952	1,308,333	1,670,018	442,354	3,420,705	445,996	1,705,205	—	14,665	2,165,866	4,351,560	36,948	4,388,508
50950	34,031	8,554	6,701	5,054	20,309	2,284	8,734	—	—	11,018	22,289	1,187	23,476
50951	4,626,856	911,125	1,163,003	317,661	2,391,789	310,592	1,187,507	—	430,554	1,928,653	3,030,431	57,438	3,087,869
50952	1,104	277	2,421	2,915	74	74	—	—	143	500	723	1,109	1,832
50959	59,825	11,781	15,038	2,863	29,682	4,016	15,354	—	13,205	32,575	39,183	(4,258)	34,925
50960	79,481	15,651	19,978	15,168	50,797	5,335	20,399	—	37,253	62,987	52,057	(14,588)	37,469
50963	84,093	16,560	21,137	20,200	57,897	5,645	21,583	—	17,847	45,075	55,078	2,785	57,863
50965	2,069	408	520	211	1,139	139	531	—	633	1,303	1,355	(291)	1,064
50967	142,629	28,087	35,851	179	64,117	9,574	36,606	—	12,770	58,950	93,417	(7,169)	86,248
50968	793,883	156,332	199,550	9,847	365,729	53,292	203,754	—	82,819	339,865	519,966	(41,163)	478,803
50970	123,801	24,379	31,119	2,555	58,053	8,311	31,774	—	25,923	66,008	81,086	(12,802)	68,284
50971	161,875	31,877	40,689	66,466	139,032	10,866	41,546	—	5,400	57,812	106,023	33,016	139,039
50973	1,296,213	255,251	325,815	21,659	602,725	87,012	332,680	—	49,336	469,028	848,975	(26,173)	822,802
50974	34,230	6,741	8,604	7,071	22,416	2,298	8,785	—	6,637	17,720	22,419	1,312	23,731
50977	807,670	159,047	203,015	101,564	463,626	54,217	207,293	—	59,891	321,401	528,996	37,618	566,614
50978	219,104	43,146	55,074	47,917	146,137	14,708	56,234	—	3,792	74,734	143,505	19,357	162,862
50979	1,801,644	354,781	452,860	108,551	916,192	120,941	462,401	—	91,985	675,327	1,180,014	5,220	1,185,234
50980	78,698	15,497	19,782	3,145	38,424	5,283	20,198	—	13,875	39,356	51,545	(7,198)	44,347
50982	258,142	50,834	64,886	1,392	117,112	17,329	66,253	—	41,487	125,069	169,074	(17,399)	151,675
50983	426,219	83,931	107,134	60,618	251,683	28,611	109,391	—	9,513	147,515	279,159	28,460	307,619
50984	164,593	32,412	41,372	49,292	123,076	11,049	42,244	—	3,806	57,099	107,803	17,871	125,674
50985	62,973	12,401	15,829	16,095	44,325	4,227	16,162	—	6,953	27,342	41,245	5,819	47,064
50986	6,294,594	1,239,537	1,582,204	765,139	3,586,880	422,544	1,615,541	—	42,176	2,080,261	4,122,742	400,043	4,522,785
50987	200,271	39,438	50,340	11,456	101,234	13,444	51,401	—	19,981	84,826	131,171	(6,090)	125,081
50989	148,930	29,327	37,435	68,178	134,940	9,997	38,224	—	8,768	56,989	97,544	29,209	126,753
50992	31,103,363	6,124,903	7,818,114	264,368	14,207,385	2,087,911	7,982,842	—	3,323,086	13,393,839	20,371,631	(2,312,014)	18,059,617
50995	18,936	3,729	4,760	1,788	10,277	1,271	4,860	—	1,505	7,636	12,403	(38)	12,365
50996	15,698	3,091	3,946	16,153	23,190	1,054	4,029	—	2,895	7,978	10,282	4,188	14,470
50999	212,308	41,808	53,366	31,236	126,410	14,252	54,490	—	9,305	78,047	139,055	11,013	150,068
51000	1,923,908	378,858	483,592	40,594	903,044	129,148	493,781	—	255,039	877,968	1,260,093	(123,172)	1,136,921
51001	146,806	28,909	36,901	55,052	120,862	9,855	37,679	—	3,611	51,145	96,153	26,084	122,237
51002	39,986	7,874	10,051	7,050	20,625	2,684	4,093	—	4,093	17,040	26,190	2,070	28,260
51003	98,310	19,359	24,711	49,147	93,217	6,599	25,232	—	19,655	51,486	64,389	15,881	80,270
51004	441,587	86,958	110,997	62,535	260,490	29,643	113,336	—	4,496	147,475	289,224	5,012	294,236
51006	3,010,066	592,745	756,608	64,248	1,413,601	202,060	772,549	—	200,610	1,175,219	1,971,489	(89,044)	1,882,445
51008	177,272	34,909	44,559	5,857	85,325	11,900	45,498	—	63,522	120,920	116,107	(30,581)	85,526
51009	66,740	13,143	16,776	612	30,531	4,480	17,129	—	11,417	33,026	43,712	(5,745)	37,967
51011	53,103	10,457	13,348	30,900	54,705	3,565	13,629	—	988	18,182	34,781	17,063	51,844
51013	69,953	13,775	17,583	28,366	59,724	4,696	17,954	—	12,165	34,815	45,817	7,777	53,594
51015	65,651	12,928	16,502	18,590	48,200	4,407	16,850	—	6,144	27,401	42,999	6,047	49,046
51017	120,820	23,792	30,369	22,046	76,207	8,110	31,009	—	4,916	44,035	79,133	6,846	85,979
51019	255,559	50,325	64,237	19,613	134,175	17,155	65,591	—	54,510	137,256	167,383	(12,700)	154,683
51020	195,026	38,405	49,021	51,955	139,381	13,092	50,054	—	13,884	77,030	127,735	21,136	148,871
51021	310,915	61,226	78,151	88,491	227,868	20,871	79,798	—	23,738	124,407	203,639	46,091	249,730



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
51022	\$ 64,397	12,681	16,187	31,191	60,059	4,323	16,528	—	7,875	28,726	42,178	18,668	60,846
51024	107,939	21,256	27,132	58,137	106,525	27,703	6,257	—	6,257	41,206	70,697	30,132	100,829
51026	97,230	19,147	24,440	48,924	92,511	6,527	24,955	—	5,090	36,572	63,683	18,973	82,656
51028	157,385	30,992	39,560	42,677	113,229	10,565	40,394	—	26,041	77,000	103,082	6,081	109,163
51029	30,625	6,031	7,698	3,555	17,284	2,056	7,860	—	8,310	18,226	20,059	(4,593)	15,466
51030	127,038	25,016	31,932	44,996	101,944	8,528	32,605	—	555	41,688	83,205	22,405	105,610
51031	2,833,621	557,999	712,257	726,682	1,996,938	190,216	727,264	—	17,668	935,148	1,855,924	305,002	2,160,926
51032	201,167	39,614	50,565	16,929	107,108	13,504	51,631	—	26,529	91,664	131,757	(9,166)	122,591
51033	406,993	80,146	102,302	53,484	235,932	27,321	104,457	—	14,252	146,030	266,567	28,995	295,562
51034	151,056	29,746	37,969	2,749	70,464	10,140	38,769	—	15,067	63,976	98,936	(11,028)	87,908
51036	89,299	17,585	22,446	4,484	44,515	5,994	22,919	—	6,907	35,820	58,488	1,124	59,612
51037	47,355	9,325	11,903	973	22,201	3,179	12,154	—	28,662	43,995	31,016	(14,069)	16,947
51038	52,238	10,287	13,130	7,344	30,761	3,507	13,407	—	27,484	44,398	34,214	(11,765)	22,449
51040	2,805	552	705	1,643	2,900	188	720	—	598	1,506	1,837	339	2,176
51041	136,542	26,888	34,321	69,397	130,606	9,166	35,044	—	8,169	52,379	89,431	30,034	119,465
51042	86,151	16,965	21,655	33,174	71,794	5,783	22,111	—	3,640	31,534	56,426	12,432	68,858
51043	94,781	18,664	23,824	59,370	101,858	6,362	24,326	—	13,479	44,167	62,078	15,406	77,484
51044	297,062	58,498	74,669	4,062	137,229	19,941	76,243	—	83,607	179,791	194,565	(46,180)	148,385
51045	67,922	13,375	17,073	13,378	43,826	4,560	17,433	—	7,761	29,754	44,487	2,512	46,999
51046	24,871	4,898	6,251	1,011	12,160	1,670	6,383	—	9,566	17,619	16,289	(5,693)	10,596
51048	401,949	79,152	101,034	60,757	240,943	26,982	103,162	—	82,018	212,162	263,263	(30,550)	232,713
51049	1,274,289	250,934	320,304	679,997	1,251,235	85,541	327,053	—	305,723	718,317	834,615	222,527	1,057,142
51052	2,638,150	519,507	663,123	699,955	1,882,585	177,094	677,095	—	197,775	1,051,964	1,727,897	177,528	1,905,425
51055	465,855	91,737	117,097	69,619	278,453	31,272	119,564	—	59,028	209,864	305,119	(9,429)	295,690
51056	108,817	21,428	27,352	21,431	70,211	7,305	27,928	—	8,026	43,259	71,271	7,588	78,859
51057	56,310	11,089	14,154	13,134	38,377	3,780	14,452	—	9,327	27,559	36,881	(2,002)	34,879
51059	26,875	5,292	6,755	2,504	14,551	1,804	6,898	—	11,609	20,311	17,602	(1,987)	15,615
51060	77,353	15,232	19,443	27,608	62,283	5,193	19,853	—	4,476	29,522	50,663	13,097	63,760
51061	41,075	8,088	10,325	9,367	27,780	2,757	10,542	—	15,706	29,005	26,903	(259)	26,644
51062	65,104	12,820	16,364	1,271	30,455	4,370	16,709	—	8,588	29,667	42,641	(2,886)	39,755
51064	2,814,607	554,255	707,477	63,257	1,324,989	188,939	722,384	—	120,648	1,031,971	1,843,470	(46,947)	1,796,523
51065	736,041	144,942	185,011	138,490	468,443	49,409	188,909	—	180,547	418,865	482,081	(24,062)	458,019
51066	7,632	1,503	1,918	9,237	12,658	512	1,959	—	2,495	4,966	4,999	4,341	9,340
51067	13,770	2,712	3,461	19,294	25,467	924	3,534	—	11,675	16,133	9,019	8,808	17,827
51068	127,197	25,048	31,972	34,112	91,132	8,538	32,646	—	2,492	43,676	83,310	27,540	110,850
51070	34,593	6,812	8,695	9,285	24,792	2,322	8,878	—	2,116	13,316	22,657	4,510	27,167
51072	118,526	23,340	29,793	13,351	66,484	7,956	30,420	—	110,654	149,030	77,630	(49,506)	28,124
51073	65,195	12,838	16,387	12,807	42,032	4,376	16,733	—	4,739	25,848	42,701	1,546	44,247
51074	56,517	11,129	14,206	33,877	59,212	3,794	14,505	—	5,266	23,565	37,017	13,926	50,943
51075	30,192	5,945	7,589	15,278	28,812	2,027	7,749	—	3,469	13,245	19,775	6,028	25,803
51076	19,075	3,756	4,795	20,039	28,590	1,280	4,896	—	3,704	9,880	12,493	8,355	20,848
51077	165,121	32,516	41,505	19,466	93,487	11,084	42,379	—	58,245	111,708	108,149	(22,034)	86,115
51078	52,226	10,284	13,127	4,886	28,297	3,506	13,404	—	11,950	28,860	34,206	(2,819)	31,387
51079	17,000	3,348	4,273	45	7,666	1,141	4,363	—	1,696	7,200	11,134	(1,173)	9,961
51080	208,851	41,127	52,497	82,024	175,648	14,020	53,603	—	9,193	76,816	136,790	24,992	161,782
51081	70,874	13,957	17,815	8,288	40,060	4,758	18,190	—	18,768	41,716	46,420	(3,992)	42,428
51082	253,220	49,864	63,649	11,261	124,774	16,998	64,990	—	37,862	119,850	165,851	(17,791)	148,060
51084	364,598	71,797	91,645	5,277	168,719	24,475	93,576	—	28,357	146,408	238,799	(13,188)	225,611
51085	20,082	3,955	5,048	39,350	48,353	1,348	5,154	—	3,870	10,372	13,153	21,453	34,606
51086	170,069	33,490	42,748	9,322	85,560	11,416	43,649	—	67,466	122,531	111,389	(33,407)	77,982
51087	52,484	10,335	13,192	23,857	47,384	3,523	13,470	—	6,202	23,195	34,375	6,043	40,418
51088	18,674	3,677	4,694	20,045	28,416	1,254	4,793	—	1,718	7,765	12,231	9,802	22,033
51093	7,784	1,533	1,957	5,530	9,020	523	1,998	—	1,146	3,667	5,098	2,137	7,235
51094	39,897	7,856	10,028	11,547	29,431	2,678	10,240	—	10,235	23,153	26,131	781	26,912
51095	94,987	18,705	23,876	667	43,248	6,376	24,379	—	28,997	59,752	62,213	(15,185)	47,028
51096	15,025	2,959	3,777	2,802	9,538	1,009	3,856	—	5,292	10,157	9,841	(990)	8,851
51098	59,607	11,738	14,983	8,919	35,640	4,001	15,299	—	37,752	57,052	39,041	(21,864)	17,177
51099	33,176	6,533	8,339	2,427	17,299	2,227	8,515	—	3,499	14,241	21,729	(1,895)	19,834
51100	96,310	18,966	24,208	7,871	51,045	6,465	24,719	—	23,268	54,452	63,080	(11,111)	51,969
51101	101,762	20,039	25,579	—	45,618	6,831	26,118	—	53,257	86,206	66,651	(31,275)	35,376
51102	37,892	7,462	9,524	10,426	27,412	2,544	9,725	—	11,714	23,983	24,818	(1,638)	23,180
51103	775	153	195	2,058	2,406	52	199	—	74	325	507	1,065	1,572
51104	204,269	40,225	51,345	11,202	102,772	13,712	52,427	—	39,741	105,880	133,789	(24,501)	109,288
51105	94,323	18,574	23,709	3,761	46,044	6,332	24,209	—	3,283	33,824	61,779	(2,247)	59,532

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Proportionate contributions and proportionate share of contributions	Total pension expense
51106	\$ 123,201	24,261	30,968	64,145	119,374	8,270	31,620	—	17,025	56,915	80,692	19,099	99,791
51109	373,566	73,563	93,899	284,133	451,595	25,077	95,878	—	79,295	200,250	244,673	119,822	364,495
51110	47,317	9,318	11,894	3,854	25,066	3,176	12,144	—	21,503	36,823	30,991	(17,445)	13,546
51111	370,920	73,042	93,234	9,367	175,643	24,899	95,199	—	110,503	230,601	242,940	(61,186)	181,754
51112	55,779	10,984	14,021	6,925	31,930	3,744	14,316	—	21,185	39,245	36,533	(9,569)	26,964
51114	3,985	785	1,002	615	2,402	268	1,023	—	2,938	4,229	2,610	(1,881)	729
51115	20,868	4,109	5,245	7,713	17,067	1,401	5,356	—	1,215	7,972	13,668	1,550	15,218
51116	2,405,101	473,615	604,544	1,582,101	2,660,260	161,450	617,282	—	641,135	1,419,867	1,575,258	525,472	2,100,730
51117	28,505	5,613	7,165	5,537	18,315	1,913	7,316	—	12,967	22,196	18,670	(2,833)	15,837
51118	100,026	19,697	25,142	—	44,839	6,715	25,672	—	48,298	80,685	65,514	(25,974)	39,540
51121	220,847	43,489	55,512	106,883	205,884	14,825	56,682	—	1,483	72,990	144,647	41,407	186,054
51122	89,148	17,555	22,408	2,675	42,638	5,984	22,880	—	8,569	37,433	58,389	(6,041)	52,348
51123	9,207	1,813	2,314	917	5,044	618	2,363	—	860	3,841	6,030	(1,849)	4,181
51124	199,875	39,360	50,240	246	89,846	13,417	51,299	—	45,273	109,989	130,911	(28,130)	102,781
51125	86,268	16,988	21,684	41,046	79,718	5,791	22,141	—	7,952	35,884	56,502	11,340	67,842
51126	3,976,724	783,100	999,586	355,044	2,137,730	266,950	1,020,647	—	489,392	1,776,989	2,604,617	(37,797)	2,566,820
51127	47,423	9,339	11,920	5,290	26,549	3,183	12,171	—	4,820	20,174	31,060	(821)	30,239
51128	405,456	79,843	101,915	39,353	221,111	27,218	104,063	—	20,278	151,559	265,560	15,755	281,315
51131	7,021	1,383	1,765	3,865	7,013	471	1,802	—	1,142	3,415	4,599	2,558	7,157
51132	21,916	4,316	5,509	22,804	32,629	1,471	5,625	—	1,555	8,651	14,354	9,903	24,257
51134	219,306	43,186	55,125	41,558	139,869	14,722	56,286	—	27,382	98,390	143,638	(631)	143,007
51136	35,390	6,969	8,896	4,708	20,573	2,376	9,083	—	3,152	14,611	23,179	247	23,426
51137	38,036	7,490	9,561	6,542	23,593	2,553	9,762	—	4,595	16,910	24,912	1,090	26,002
51138	16,491	3,247	4,145	1,349	8,741	1,107	4,233	—	27,727	33,067	10,801	(11,579)	(778)
51140	6,344	1,249	1,595	16,533	19,377	426	1,628	—	942	2,996	4,155	3,752	7,907
51142	1,090,207	214,685	274,034	48,598	537,317	73,184	279,807	—	131,871	484,862	714,048	(29,553)	684,495
51143	161,688	31,840	40,642	5,628	78,110	10,854	41,498	—	33,170	85,522	105,900	(33,578)	72,322
51145	858,946	169,145	215,904	60,477	445,526	57,659	220,453	—	243,158	521,270	562,580	(109,917)	452,663
51146	3,668,886	722,480	922,208	142,458	1,787,146	246,285	941,639	—	204,741	1,392,665	2,402,994	(13,992)	2,389,002
51147	50,706	9,985	12,745	2,293	25,023	3,404	13,014	—	15,142	31,560	33,211	(5,046)	28,165
51149	495,395	97,554	124,522	57,955	280,031	33,255	127,146	—	101,997	262,398	324,467	(9,475)	314,992
51150	60,604	11,934	15,233	713	27,880	4,068	15,554	—	22,145	41,767	39,694	(11,574)	28,120
51151	179,105	35,269	45,020	58,819	139,108	12,023	45,968	—	51,781	109,772	117,307	13,861	131,168
51152	18,953	3,732	4,764	8,929	17,425	1,272	4,864	—	4,311	10,447	12,414	1,567	13,981
51153	193,005	38,007	48,514	4,805	91,326	12,956	49,536	—	40,444	102,936	126,412	(21,014)	105,398
51154	52,859	10,409	13,287	57,054	80,750	3,548	13,567	—	2,830	19,945	34,621	27,230	61,851
51155	1,309,024	257,774	329,035	49,522	636,331	87,872	335,968	—	30,785	454,625	857,366	4,097	861,463
51156	75,984	14,963	19,099	24,124	58,186	5,101	19,502	—	33,946	58,549	49,767	14,593	64,360
51158	275,277	54,208	69,193	192,519	182,519	18,479	70,651	—	3,512	92,642	180,297	22,848	203,145
51159	36,750	7,237	9,238	24,900	41,375	2,467	9,432	—	7,864	19,763	24,070	6,310	30,380
51161	403,777	79,512	101,493	39,721	220,726	27,105	103,632	—	18,831	149,568	264,460	4,969	269,429
51163	90,518	17,825	22,753	41,566	82,144	6,076	23,232	—	4,065	33,373	59,286	20,318	79,604
51165	298,198	58,721	74,955	38,226	171,902	20,017	76,534	—	6,321	102,872	195,309	5,874	201,183
51166	101,792	20,045	25,586	41,683	87,314	6,833	28,125	—	24,257	57,215	66,670	10,206	76,876
51168	109,676	21,598	27,568	15,714	64,880	7,362	28,149	—	10,544	46,055	71,834	506	72,340
51169	1,085,061	213,671	272,740	140,241	626,652	72,838	278,487	—	124,973	476,298	710,677	(7,830)	702,847
51170	732,219	144,189	184,050	354,082	682,321	49,153	187,928	—	269,340	506,421	479,578	(249,883)	229,695
51171	105,018	20,680	26,397	—	47,077	7,050	26,954	—	46,115	80,119	68,783	(31,012)	37,771
51172	18,149	3,574	4,562	36,984	45,120	1,218	4,658	—	4,507	10,383	11,887	23,369	35,256
51175	734,196	144,579	184,547	117,597	446,723	49,285	188,435	—	2,601	240,321	480,873	66,899	547,772
51176	63,581	12,520	15,982	9,458	37,960	4,268	16,318	—	24,143	44,729	41,643	(11,558)	30,085
51177	405,134	79,779	101,834	—	181,613	27,196	103,980	—	132,774	263,950	265,349	(76,091)	189,258
51178	7,724	1,521	1,941	1,354	4,816	518	1,982	—	3,934	6,434	5,059	(744)	4,315
51179	10,484	2,064	2,635	8,917	13,616	704	2,691	—	1,098	4,493	6,866	1,880	8,746
51181	19,928	3,924	5,009	6,662	15,595	1,338	5,115	—	3,347	9,800	13,052	2,065	15,117
51182	232,016	45,689	58,319	130,114	234,122	15,575	59,548	—	1,046	76,169	151,962	66,993	218,955
51183	951,689	187,407	239,216	271,206	697,829	63,885	244,256	—	33,211	341,352	623,323	130,771	754,094
51184	441,258	86,893	110,914	223,879	421,686	29,621	113,251	—	20,329	163,201	289,009	100,248	389,257
51185	576,634	113,551	144,942	6,568	265,061	38,708	147,996	—	60,337	247,041	377,675	(19,432)	358,243
51186	774,317	152,479	194,632	18,791	365,902	51,978	198,732	—	20,320	271,030	507,151	5,826	512,977
51187	438,653	86,380	110,260	313,402	29,446	29,446	112,583	—	16,990	159,019	287,303	58,341	345,644
51188	1,546,951	304,627	388,840	4,889	698,356	103,844	397,033	—	97,689	598,566	1,013,200	(60,920)	952,280
51189	376,066	74,055	94,528	181,279	349,862	25,245	96,519	—	8,403	130,167	246,310	98,415	344,725
51190	345,673	68,070	86,888	100,604	255,562	23,204	88,719	—	14,876	126,799	226,404	55,258	281,662
51191	309,396	60,927	77,769	163,340	302,036	20,769	79,408	—	14,790	114,967	202,644	76,579	279,223

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
51192	\$ 522,825	102,955	131,417	193,252	427,624	35,096	134,186	—	84,252	253,534	342,432	39,165	381,597
51193	1,031,647	203,153	259,314	41,488	503,955	69,253	264,778	—	47,298	381,329	675,693	2,196	677,889
51194	9,280	1,827	2,333	9,604	13,764	623	2,382	—	6,957	9,962	6,078	881	6,959
51195	234,292	46,137	58,891	100,729	205,757	15,728	60,132	—	24,697	100,557	153,453	41,042	194,495
51196	352,913	69,496	88,708	122,760	280,964	23,690	90,577	—	14,193	128,460	231,146	53,021	284,167
51197	244,150	48,078	61,369	145,288	254,735	16,389	62,662	—	7,647	86,698	159,910	78,493	238,403
51198	294,482	57,990	74,021	6,836	138,847	19,768	75,580	—	8,783	104,131	192,875	(1,494)	191,381
51199	696,500	137,155	175,072	280,285	592,512	46,755	178,760	—	47,507	273,022	456,183	92,417	548,600
51200	461,098	90,800	115,901	405,269	611,970	30,953	118,343	—	2,834	152,130	302,004	223,780	525,784
51201	362,932	71,469	91,226	82,115	244,810	24,363	93,148	—	—	117,511	237,708	51,497	289,205
51202	33,401	6,577	8,396	16,119	31,092	2,242	8,573	—	9,587	20,402	21,876	2,265	24,141
51203	875,143	172,334	219,975	60,519	452,828	58,747	224,610	—	78,330	361,687	573,188	(14,287)	558,901
51204	452,451	89,097	113,728	176,645	379,470	30,372	116,124	—	12,893	159,389	296,340	89,600	385,940
51205	243,335	47,918	61,164	517	109,599	16,335	62,453	—	23,818	102,606	159,376	(11,437)	147,939
51208	458,498	90,288	115,248	6,627	212,163	30,778	117,676	—	46,294	194,748	300,301	(23,997)	276,304
51211	67,093	13,212	16,864	1,785	31,861	4,504	17,220	—	3,253	24,977	43,943	503	44,446
51212	468,503	92,258	117,763	18,894	228,915	31,450	120,244	—	167,077	318,771	306,854	(69,998)	236,856
51214	62,772	12,361	15,778	1,052	29,191	4,214	16,111	—	11,239	31,564	41,113	(4,608)	36,505
51215	227,599	44,819	57,209	52,200	154,228	15,278	58,414	—	24,424	98,116	149,070	(4,849)	144,221
51216	—	—	—	—	—	—	—	—	24,480	24,480	—	(58,264)	(58,264)
51217	1,317,955	259,533	331,280	120,738	711,551	88,472	338,260	—	23,029	449,761	863,215	72,510	935,725
51218	84,110	16,563	21,142	12,806	50,511	5,646	21,587	—	3,478	30,711	55,089	2,116	57,205
51219	699	138	176	2,247	2,561	47	179	—	183	409	458	1,073	1,531
51220	109,001	21,465	27,398	8,623	57,486	7,317	27,976	—	8,616	43,909	71,392	(1,135)	70,257
51221	972,324	191,471	244,403	54,927	490,801	65,270	249,552	—	103,996	418,818	636,839	(14,921)	621,918
51222	124,961	24,607	31,410	12,847	68,864	8,388	32,072	—	5,678	46,138	81,845	11,617	93,462
51223	20,661	4,069	5,193	44,212	53,474	1,387	5,303	—	2,169	8,859	13,533	21,625	35,158
51224	131,860	25,966	33,144	81,841	140,951	8,852	33,843	—	2,887	45,582	86,364	42,558	128,922
51225	17,433	3,433	4,382	444	8,259	1,170	4,474	—	3,704	9,348	11,418	(1,998)	9,420
51226	9,678	1,906	2,433	4,192	8,531	650	2,484	—	1,503	4,637	6,339	2,515	8,854
51227	639,739	125,978	160,804	146,751	433,533	42,944	164,192	—	23,163	230,299	419,007	56,317	475,324
51229	324,727	63,945	81,623	103,158	248,726	21,798	83,343	—	10,016	115,157	212,685	43,399	256,084
51230	227,674	44,834	57,228	130,367	232,429	15,283	58,434	—	7,127	80,844	149,119	40,929	190,048
51231	121,121	23,851	30,445	4,060	58,356	8,131	31,086	—	5,898	45,115	79,330	(3,318)	76,012
51232	590,558	116,293	148,442	24,506	289,241	39,643	151,570	—	81,786	272,999	386,795	(22,613)	364,182
51233	60,572	11,928	15,225	6,012	33,165	4,066	15,546	—	29,779	49,391	39,673	(10,260)	29,413
51234	1,755	346	441	26,262	27,049	118	450	—	1,988	2,556	1,149	13,197	14,346
51235	130,888	25,775	32,900	4,970	63,645	8,786	33,593	—	10,370	52,749	85,727	(8,698)	77,029
51236	1,028,066	202,448	258,414	19,221	480,083	69,012	263,859	—	29,036	361,907	673,348	(13,186)	660,162
51237	916,999	180,576	230,496	109,397	520,469	61,556	235,353	—	8,806	305,715	600,603	53,836	654,439
51238	15,571	3,066	3,914	10,255	10,255	1,045	3,996	—	7,006	12,047	10,198	(1,473)	8,725
51239	81,562	16,061	20,501	8,444	45,006	5,475	20,933	—	11,029	37,437	53,420	(6,687)	46,733
51241	313,804	61,795	78,877	5,412	146,084	21,065	80,539	—	45,988	147,592	205,531	(22,762)	182,769
51243	79,635	15,682	20,017	914	36,613	5,346	20,439	—	20,823	46,608	52,158	(13,867)	38,291
51244	1,591	313	400	3,192	3,905	107	408	—	399	914	1,042	1,417	2,459
51246	433,673	85,399	109,008	11,349	205,756	29,112	111,304	—	53,956	194,372	284,041	(25,380)	258,661
51247	80,231	15,799	20,167	21,159	57,125	5,386	20,592	—	6,235	32,213	52,549	6,198	58,747
51248	12,280	2,418	3,087	2,243	7,748	824	3,152	—	587	4,563	8,043	411	8,454
51249	47,021	9,259	11,819	4,745	25,823	3,156	12,068	—	1,849	17,073	30,797	1,277	32,074
51250	12,407	2,443	3,119	1,464	7,026	833	3,184	—	3,575	7,592	8,126	(252)	7,874
51251	72,690	14,314	18,271	7,865	40,450	4,880	18,656	—	2,867	26,403	47,609	2,839	50,448
51252	154,194	30,364	38,758	2,473	71,595	10,351	39,575	—	112,889	162,815	100,991	(48,783)	52,208
51253	52,690	10,376	13,244	8,281	31,901	3,537	13,523	—	7,991	25,051	34,510	(590)	33,920
51254	48,093	9,471	12,089	7,258	28,818	3,228	12,343	—	3,801	19,372	31,499	(2,216)	29,283
51255	105,114	20,699	26,421	33,186	80,306	7,056	26,978	—	16,424	50,458	68,846	9,455	78,301
51256	3,837	756	964	8,315	10,035	258	985	—	551	1,794	2,513	3,513	6,026
51257	65,023	12,804	16,344	10,319	39,467	4,365	16,689	—	2,119	23,173	42,588	6,396	48,984
51258	125,645	24,742	31,582	5,236	61,560	8,434	32,247	—	17,176	57,857	82,293	(10,646)	71,647
51259	77,517	15,265	19,484	11,810	46,559	5,204	19,895	—	19,498	44,597	50,771	(7,415)	43,356
51260	5,905,148	1,162,847	1,484,313	686,271	3,333,431	396,402	1,515,587	—	125,111	2,037,100	3,867,668	120,881	3,988,549
51261	22,315	4,394	5,609	11,200	21,203	1,498	5,727	—	3,523	10,748	14,616	337	14,953
51263	42,850	8,438	10,771	18,164	37,373	2,876	10,998	—	1,108	14,982	28,065	11,625	39,690
51265	—	—	—	2,385	2,385	—	—	—	3,172	3,172	—	17	17
51266	48,470	9,545	12,183	—	21,728	3,254	12,440	—	13,435	29,129	31,746	(7,171)	24,575

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Contributions and proportionate share of contributions	Total pension expense
51268	\$ 388,055	76,416	97,541	29,070	203,027	26,049	99,596	—	48,156	173,801	254,162	(5,259)	248,903
51269	64,803	12,761	16,289	7,441	16,289	4,350	16,632	—	12,004	32,986	42,444	(1,292)	41,152
51270	252,049	49,634	63,355	16,056	129,045	16,920	64,690	—	15,552	97,162	165,084	125	165,209
51271	525,644	103,510	132,125	98,771	334,406	35,285	134,909	—	37,158	207,352	344,278	31,202	375,480
51272	180,353	35,515	45,333	32,889	113,737	12,107	46,288	—	24,095	82,490	118,125	2,101	120,226
51273	288,722	56,855	72,573	68,518	197,946	19,381	74,102	—	29,268	122,751	189,103	29,870	218,973
51276	58,779	11,575	14,775	17,542	43,892	3,946	15,086	—	729	19,761	38,498	8,077	46,575
51277	138,951	27,362	34,927	144,462	206,751	9,327	35,662	—	1,582	46,571	91,008	68,174	159,182
51278	50,538	9,952	12,703	6,271	28,926	3,393	12,971	—	3,050	19,414	33,101	2,808	35,909
51279	327,674	64,526	82,364	17,099	163,989	21,996	84,099	—	68,038	174,133	214,615	(30,482)	184,133
51280	52,682	10,374	13,242	7,126	30,742	3,536	13,521	—	848	17,905	34,505	2,932	37,437
51282	—	—	—	428	428	—	—	—	89	89	—	238	238
51283	401,992	79,161	101,044	80,891	261,096	26,985	103,173	—	14,397	144,555	263,291	33,992	297,283
51284	73,568	14,487	18,492	1,232	34,211	4,938	18,882	—	5,616	29,436	48,185	(3,421)	44,764
51285	80,878	15,926	20,329	4,408	40,663	5,429	20,758	—	11,337	37,524	52,972	(10,008)	42,964
51287	286,794	56,476	72,088	61,794	190,358	19,252	73,607	—	900	93,759	187,840	50,495	238,335
51288	657	129	165	2,461	2,461	44	169	—	475	688	430	889	1,319
51290	76,685	15,101	19,276	4,664	39,041	5,148	19,682	—	30,349	55,179	50,226	(19,810)	30,416
51291	10,930,767	2,152,497	2,747,548	1,622,982	6,523,027	733,762	2,805,439	—	202,232	3,741,433	7,159,275	617,860	7,777,135
51292	320,236	63,061	80,494	155,381	298,936	21,497	82,190	—	15,520	119,207	209,744	68,730	278,474
51293	196,887	38,771	49,489	21,640	109,900	13,217	50,532	—	87,627	151,376	128,954	(35,334)	93,620
51295	171,955	33,861	43,222	12,222	89,305	11,543	44,133	—	38,195	93,871	112,624	(20,047)	92,577
51296	72,610	14,298	18,251	8,213	40,762	4,874	18,636	—	350	23,860	47,557	6,699	54,256
51297	513,562	101,131	129,088	1,873	232,092	34,474	131,808	—	107,923	274,205	336,365	(65,883)	270,482
51299	42,055	8,281	10,571	2,096	20,948	2,823	10,794	—	2,396	16,013	27,544	(4,413)	23,131
51301	26,969	5,311	6,779	8,192	20,282	1,810	6,922	—	4,394	13,126	17,664	3,101	20,765
51302	394,537	77,693	99,170	37,538	214,401	26,485	101,260	—	137,264	265,009	258,408	(48,477)	209,931
51303	61,884	12,186	15,555	4,658	32,399	4,154	15,883	—	8,530	28,567	40,532	(1,810)	38,722
51304	103,514	20,384	26,019	10,345	56,748	6,949	26,567	—	5,107	38,623	67,798	55	67,853
51305	549,417	108,192	138,101	87,616	333,909	36,881	141,011	—	42,157	220,049	359,849	12,497	372,346
51306	20,673	4,071	5,196	15,001	24,268	1,388	5,306	—	1,234	7,928	13,540	6,210	19,750
51307	6,176	1,216	1,552	3,474	6,242	415	1,585	—	320	2,320	4,045	3,264	7,309
51309	—	—	—	—	—	—	—	—	194	194	—	(194)	(194)
51310	28,014	5,517	7,042	8,539	21,098	1,881	7,190	—	—	9,071	18,348	5,680	24,028
51311	59,107	11,639	14,857	63,909	90,405	3,968	15,170	—	342	19,480	38,713	33,057	71,770
51312	134,114	26,410	33,711	2,465	62,586	9,003	34,421	—	21,996	65,420	87,840	(10,988)	76,852
51313	70,749	13,932	17,783	112,079	143,794	4,749	18,158	—	7,465	30,372	46,338	52,394	98,732
51314	97,883	19,275	24,604	35,128	79,007	6,571	25,122	—	3,530	35,223	64,110	9,640	73,750
51315	958,655	188,779	240,967	189,131	618,877	64,353	246,044	—	15,435	325,832	627,886	78,110	705,996
51316	545,547	107,430	137,128	131,272	375,830	36,622	140,018	—	1,385	178,025	357,315	63,618	420,933
51317	25,047	4,932	6,296	24,066	35,294	1,681	6,428	—	5,449	13,558	16,405	8,899	25,304
51318	231,275	45,543	58,133	46,455	150,131	15,525	59,358	—	665	75,548	151,477	26,108	177,585
51320	324,030	63,808	81,448	42,054	187,310	21,752	83,164	—	37,908	142,824	212,228	875	213,103
51321	17,068	3,361	4,290	3,762	11,413	1,146	4,381	—	5,784	11,311	11,179	877	12,056
51322	49,238	9,696	12,376	19,262	41,334	3,305	12,637	—	4,449	20,391	32,249	5,894	38,143
51323	88,372	17,402	22,213	16,175	57,790	5,932	22,681	—	1,401	30,014	57,681	7,876	65,757
51324	32,653	6,430	8,208	1,556	16,194	2,192	8,381	—	3,358	13,931	21,387	(1,274)	20,113
51325	30,971	6,099	7,785	312	14,196	2,079	7,949	—	3,672	13,700	20,285	(1,789)	18,496
51326	107,971	21,262	27,139	2,078	50,479	7,248	27,711	—	23,058	58,017	70,717	(10,520)	60,197
51327	1,388,176	273,361	348,931	16,506	638,798	93,186	356,283	—	112,169	561,638	909,207	(33,598)	875,609
51328	73,999	14,572	18,600	18,237	51,409	4,967	18,992	—	25,053	49,012	48,466	(3,903)	44,563
51329	123,534	24,326	31,051	100,140	155,517	8,293	31,706	—	6,842	46,841	80,910	27,437	108,347
51330	63,348,243	12,474,594	15,923,159	3,011,089	31,408,842	4,252,449	16,258,661	—	1,572,852	22,083,962	41,490,917	87,904	41,578,821
51331	45,167,902	8,894,505	11,353,365	2,856,513	23,104,383	3,032,037	11,592,580	—	6,963,900	21,588,517	29,583,419	(2,725,686)	26,857,733
51332	21,844	4,302	5,491	6,805	16,598	1,466	5,606	—	8,178	15,250	14,307	(2,079)	12,228
51333	77,687	15,297	19,527	11,082	45,907	5,215	19,939	—	2,424	27,578	50,882	857	51,739
51335	11,968	2,357	3,008	23,647	29,012	803	3,072	—	1,473	5,348	7,839	10,893	18,732
51337	57,875	11,397	14,547	8,220	34,164	3,885	14,854	—	6,363	25,102	37,906	850	38,756
51338	130,576	25,713	32,821	14,932	73,466	8,765	33,513	—	41,488	83,766	85,523	(20,511)	65,012
51339	27,335	5,383	6,871	11,668	23,922	1,835	7,016	—	2,852	11,703	17,903	4,147	22,050
51340	31,638	6,230	7,953	33,071	47,254	2,124	8,120	—	1,368	11,612	20,722	15,158	35,880
51341	12,824	2,525	3,223	14,881	20,629	861	3,291	—	3,169	7,321	8,399	3,333	11,732
51342	7,297	1,437	1,834	26,074	29,345	490	1,873	—	3,918	6,281	4,779	13,166	17,945
51343	67,473	13,287	16,960	5,458	35,705	4,529	17,317	—	34,862	56,708	44,192	(12,964)	31,228
51344	357,983	70,494	89,982	100,297	260,773	24,031	91,878	—	—	115,909	234,466	51,616	286,082
51345	84,549	16,650	21,252	25,266	63,168	5,676	21,700	—	812	28,188	55,377	10,400	65,777

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred contributions and proportionate share of contributions	Total pension expense
51346	\$ 36,188	7,126	9,096	8,712	24,934	2,429	9,288	—	5,159	16,876	23,702	6,112	29,814
51347	6,616	1,303	1,663	9,034	12,000	444	1,698	—	1,107	3,249	4,333	3,792	8,125
51348	78,779	15,513	19,802	329	35,644	5,288	20,219	—	14,211	39,718	51,598	(7,430)	44,168
51349	1,362,236	268,253	342,411	49,062	659,726	91,444	349,625	—	217,489	658,558	892,218	(115,493)	776,725
51350	22,471	4,425	5,648	23,094	33,167	1,508	5,767	—	1,167	8,442	14,718	11,985	26,703
51352	91,134	17,946	22,907	57,188	98,041	6,118	23,390	—	734	30,242	59,690	30,170	89,860
51353	567,150	111,684	142,558	52,716	306,958	38,072	145,562	—	106,841	290,475	371,464	(37,262)	334,202
51355	191,809	37,771	48,213	24,940	110,924	12,876	49,229	—	24,081	86,186	125,628	3,426	129,054
51356	12,854	2,531	3,231	10	5,772	863	3,299	—	1,972	6,134	8,419	(1,214)	7,205
51357	34,665	6,826	8,713	1,652	17,191	2,327	8,897	—	4,606	15,830	22,704	(2,135)	20,569
51358	20,796	4,095	5,227	9,368	18,690	1,396	5,337	—	2,583	9,316	13,621	3,780	17,401
51359	278,719	54,886	70,059	29,725	154,670	18,710	71,535	—	106,252	196,497	182,551	(40,380)	142,171
51360	3,562,638	701,558	895,502	415,984	2,013,044	239,153	914,370	—	650,825	1,804,348	2,333,405	27,865	2,361,270
51361	57,851	11,392	14,541	1,621	27,554	3,883	14,848	—	16,339	35,070	37,890	(8,098)	29,792
51362	78,637	15,485	19,766	3,660	38,911	5,279	20,183	—	30,859	56,321	51,504	(14,113)	37,391
51363	37,907	7,465	9,528	1,231	18,224	2,545	9,729	—	4,713	16,987	24,827	(1,698)	23,129
51364	64,960	12,792	16,328	35,444	64,564	4,361	16,672	—	4,325	25,358	42,547	17,690	60,237
51365	77,482	15,258	19,476	55,033	89,767	5,201	19,886	—	15,765	40,852	50,748	21,407	72,155
51366	49,093	9,668	12,340	30,500	52,508	3,296	12,600	—	6,948	22,844	32,154	9,415	41,569
51367	32,694	6,438	8,218	4,116	18,772	2,195	8,391	—	3,219	13,805	21,413	56	21,469
51368	571,823	112,604	143,733	3,587	259,924	38,385	146,761	—	87,663	272,809	374,524	(38,963)	335,561
51369	80,608	15,873	20,262	3,870	40,005	5,411	20,688	—	28,842	54,941	52,795	(15,180)	37,615
51370	149,101	29,361	37,478	14,936	81,775	10,009	38,268	—	48,342	96,619	97,656	(24,702)	72,954
51371	80,244	15,802	20,170	18,154	54,126	5,387	20,595	—	4,761	30,743	52,557	5,016	57,573
51372	42,491	8,367	10,681	534	19,582	2,852	10,906	—	14,315	28,073	27,830	(7,579)	20,251
51373	16,505	3,250	4,149	4,959	12,358	1,108	4,236	—	899	6,243	10,810	(1,300)	9,510
51374	41,602	8,192	10,457	7,791	26,440	2,793	10,677	—	3,105	16,575	27,248	2,965	30,213
51375	—	—	—	—	—	—	—	—	404	404	—	(903)	(903)
51376	275,013	54,156	69,127	8,057	131,340	18,461	70,584	—	61,015	150,060	180,124	(28,783)	151,341
51377	53,774	10,589	13,517	10,166	34,272	3,610	13,801	—	14,839	32,250	35,220	(3,553)	31,667
51378	22,007	4,334	5,532	600	10,466	1,477	5,648	—	11,022	18,147	14,414	(4,929)	9,485
51380	20,902	4,116	5,254	3,976	13,346	1,403	5,365	—	1,821	8,589	13,690	4,076	17,766
51381	737	145	185	1,425	1,755	49	189	—	30	268	482	725	1,207
51382	50,342,270	9,913,446	12,653,989	6,247,398	28,814,833	3,379,382	12,920,609	—	1,049,990	17,349,981	32,972,452	2,102,986	35,075,438
51383	739,971	145,716	189,998	333,934	665,648	49,673	189,917	—	25,855	265,445	484,655	159,997	644,652
51384	254,531	50,122	63,979	12,247	126,348	17,086	65,327	—	107,545	189,958	166,709	(47,816)	118,893
51385	111,508	21,958	28,029	6,944	56,931	7,485	28,619	—	24,123	60,227	73,034	(9,399)	63,635
51386	1,531,338	301,553	384,916	8,603	695,072	102,796	393,026	—	85,813	581,635	1,002,974	21,538	1,024,512
51387	277,895	54,723	69,851	147,874	272,448	18,655	71,323	—	26,041	116,019	182,011	66,252	248,263
51388	324,990	63,997	81,689	59,285	204,971	21,816	83,410	—	82,644	187,870	212,857	5,666	218,523
51389	27,257	5,367	6,851	6,267	18,485	1,830	6,996	—	5,125	13,951	17,852	2,690	20,542
51390	12,528	2,467	3,149	1,041	6,657	841	3,215	—	5,786	9,842	8,205	(2,567)	5,638
51391	208,123	40,984	52,314	1,602	94,900	13,971	53,416	—	22,895	90,282	136,313	(11,389)	124,924
51392	67,692	13,330	17,015	2,400	32,745	4,544	17,373	—	34,745	56,662	44,336	(16,316)	28,020
51393	37,458	7,376	9,415	16,681	33,472	2,515	9,614	—	4,319	16,448	24,534	5,710	30,244
51394	14,619	2,879	3,675	5,636	12,190	981	3,752	—	546	5,279	9,575	4,809	14,384
51396	9,543	1,879	2,399	2,922	7,200	641	2,449	—	2,752	5,842	6,251	35	6,286
51397	15,854	3,122	3,985	15,853	22,960	1,064	4,069	—	2,200	7,333	10,384	6,634	17,018
51398	113,988	22,447	28,652	35,695	86,794	7,652	29,256	—	33,488	70,396	74,658	4,634	79,292
51399	24,175	4,760	6,077	140	10,977	1,623	6,205	—	4,403	12,231	15,834	549	16,383
51400	203,183	40,011	51,072	1,018	92,101	13,639	52,148	—	57,887	123,674	133,078	(28,096)	104,982
51401	490,678	96,625	123,336	123,054	343,015	32,938	125,935	—	19,899	178,772	321,377	50,163	371,540
51402	31,584	6,219	7,939	16,986	31,144	2,120	8,106	—	3,970	14,196	20,686	7,005	27,691
51403	12,347	2,431	3,103	15,764	21,298	829	3,169	—	1,878	5,876	8,087	6,021	14,108
51404	75,208	14,810	18,904	6,286	40,000	5,049	19,303	—	25,965	50,317	49,259	(10,397)	38,862
51405	—	—	—	—	—	—	—	—	2,563	2,563	—	(7,238)	(7,238)
51406	176,888	34,833	44,462	10,205	89,500	11,874	45,399	—	23,702	80,975	115,856	(8,151)	107,705
51407	1,139,930	224,476	286,532	197,658	708,666	76,521	292,569	—	59,263	428,353	746,615	88,908	835,523
51408	129,004	25,404	32,426	1,870	59,700	8,660	33,110	—	41,014	82,784	84,493	(20,223)	64,270
51410	159,296	31,369	40,040	2,092	73,501	10,693	40,884	—	28,440	80,017	104,333	(16,655)	87,678
51411	3,531	887	1,140	5,203	6,785	237	906	—	501	1,644	2,312	2,498	4,810
51412	66,787	13,152	16,787	—	29,939	4,483	17,141	—	33,513	55,137	43,743	(17,167)	26,576
51413	15,706	3,093	3,948	17,606	24,647	1,054	4,031	—	8,611	13,696	10,287	4,664	14,951
51414	41,420	8,157	10,411	1,199	19,767	2,780	10,631	—	23,882	37,293	27,129	(12,530)	14,599
51415	12,528	2,467	3,149	18,027	23,643	841	3,215	—	4,989	9,045	8,206	7,283	15,489
51416	82,117	16,170	20,641	13,611	50,422	5,512	21,076	—	6,032	32,620	53,784	4,425	58,209

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
51417	\$ 83,165	16,377	20,904	8,285	45,566	5,583	21,345	—	10,387	37,315	54,470	(5,639)	48,831
51418	80,297	15,812	20,183	9,820	45,815	5,390	20,609	—	12,514	38,513	52,592	(237)	52,355
51419	1,879	370	472	182	1,024	126	482	—	758	1,366	1,231	(88)	1,143
51420	57,240,443	11,271,840	14,387,908	2,670,522	28,330,270	3,842,444	14,691,061	—	9,477,258	28,010,763	37,490,518	(3,937,050)	33,553,468
51421	27,009	5,319	6,789	21,579	33,687	1,813	6,932	—	5,477	14,222	17,690	10,014	27,704
51423	210,030	41,359	52,793	100,884	195,036	14,099	53,905	—	58,423	126,427	137,562	20,194	157,756
51424	67,298	13,252	16,916	3,709	33,877	4,518	17,272	—	10,731	32,521	44,078	(5,088)	38,990
51425	7,136	1,405	1,794	269	3,468	479	1,832	—	670	2,981	4,674	(328)	4,346
51426	196,188	38,633	49,314	20,551	108,498	13,170	50,353	—	35,888	99,411	128,496	(12,494)	116,002
51427	58,831	11,585	14,788	51,033	77,406	3,949	15,099	—	22,021	41,069	38,533	5,285	43,818
51428	275,297	54,212	69,199	59,789	183,200	18,480	70,657	—	3,305	92,442	180,310	27,505	207,815
51429	15,228	2,999	3,828	4,334	11,161	1,022	3,908	—	8,920	13,850	9,974	(801)	9,173
51430	33,225	6,543	8,352	27,630	42,525	2,230	8,527	—	14,287	25,044	21,762	6,600	28,362
51431	1,017,009	200,270	255,635	28,029	483,934	68,270	261,021	—	253,411	582,702	666,106	(113,954)	552,152
51432	24,254	4,776	6,097	2,841	13,714	1,628	6,225	—	10,395	18,248	15,886	(4,780)	11,106
51433	298,351	58,751	74,993	49,982	183,726	20,028	76,573	—	250	96,851	195,409	22,569	217,978
51434	53,070	10,451	13,340	2,557	26,348	3,562	13,621	—	7,927	25,110	34,759	(2,594)	32,165
51436	5,248	1,033	1,319	1,106	3,458	352	1,347	—	563	2,262	3,437	292	3,729
51437	35,070	6,906	8,815	2,547	18,268	2,354	9,001	—	1,816	13,171	22,969	(1,113)	21,856
51438	3,923,335	772,587	986,166	407,571	2,166,324	263,366	1,006,945	—	86,208	1,356,519	2,569,649	125,095	2,694,744
51439	3,158	622	794	5,681	7,097	212	811	—	558	1,581	2,069	2,716	4,785
51440	49,768	9,800	12,510	11,470	33,780	3,341	12,773	—	2,279	18,393	32,596	5,269	37,865
51441	125,818	24,776	31,625	8,239	64,640	8,446	32,292	—	38,182	78,920	82,406	(19,438)	62,968
51442	74,056	14,583	18,615	8,546	41,744	4,971	19,007	—	10,709	34,687	48,504	(1,475)	47,029
51443	35,895	7,068	9,022	7,982	24,072	2,410	9,213	—	11,797	23,420	23,510	(2,642)	20,868
51445	22,587	4,448	5,677	33,628	43,753	1,516	5,797	—	4,065	11,378	14,793	13,865	28,658
51446	804	158	202	1,401	1,761	54	206	—	342	602	526	144	670
51447	57,637	11,350	14,487	6,382	32,219	3,869	14,793	—	5,786	24,448	37,750	205	37,955
51448	30,858	6,077	7,757	36	13,870	2,071	7,920	—	16,651	26,642	20,211	(9,043)	11,168
51449	2,630	518	661	4,050	5,229	177	675	—	141	993	1,722	1,909	3,631
51450	180,859	35,615	45,461	4,677	85,753	12,141	46,418	—	34,783	93,342	118,456	(21,541)	96,915
51451	93,990	18,509	23,625	—	42,134	6,309	24,123	—	34,121	64,553	61,560	(13,053)	48,507
51452	28,630	5,638	7,196	26,867	39,701	1,922	7,348	—	2,676	11,946	18,752	15,915	34,667
51453	20,063	3,951	5,043	5,515	14,509	1,347	5,149	—	5,799	12,295	13,141	(2,030)	11,111
51454	504	127	1,583	1,809	1,809	34	129	—	216	379	330	736	1,066
51455	60,275	11,869	15,151	23,014	50,034	4,046	15,470	—	3,416	22,932	39,478	14,232	53,710
51456	265,578	52,298	66,755	40,598	159,651	17,828	68,162	—	4,370	90,360	173,944	20,337	194,281
51457	86,198	16,974	21,667	3,971	42,612	5,786	22,123	—	16,280	44,189	56,456	(7,151)	49,305
51458	72,400	14,257	18,198	31,874	64,329	4,860	18,582	—	6,141	29,583	47,419	12,733	60,152
51459	146,263	28,802	36,765	19,471	85,038	9,818	37,539	—	43,219	90,576	95,797	(20,024)	75,773
51460	16,422	3,234	4,128	2,648	10,010	1,102	4,215	—	2,106	7,423	10,756	(695)	10,061
51461	9,772	1,924	2,456	7,929	12,309	656	2,508	—	116	3,280	6,400	2,175	8,575
51462	219,509	43,226	55,176	137,428	235,830	14,735	56,338	—	14,844	85,917	143,771	63,821	207,592
51463	536,107	105,571	134,755	5,070	245,396	35,988	137,595	—	59,849	233,432	351,132	(24,436)	326,696
51464	26,967	5,310	6,778	9,387	21,475	1,810	6,921	—	3,852	12,583	17,662	4,029	21,691
51465	30,171	5,941	7,584	2,202	15,727	2,025	7,743	—	11,772	21,540	19,761	(4,134)	15,627
51467	103,661	20,413	26,056	—	46,469	6,959	26,605	—	29,486	63,050	67,895	(17,873)	50,022
51468	33,951	6,686	8,534	5,107	20,327	2,279	8,714	—	8,610	19,603	22,237	(3,074)	19,163
51469	133,155	26,221	33,470	46,244	105,935	8,938	34,175	—	16,870	59,983	87,212	24,107	111,319
51470	203,602	40,094	51,177	112,065	20,794	13,667	52,256	—	20,364	86,287	133,352	(4,839)	128,513
51471	20,499	4,037	5,153	10,374	19,564	1,376	5,261	—	479	7,116	13,426	5,353	18,779
51472	215,708	42,477	54,220	88,333	185,030	14,480	55,362	—	2,611	72,453	141,281	44,191	185,472
51473	122,780	24,178	30,862	3,768	58,808	8,242	31,512	—	4,929	44,683	80,417	(356)	80,061
51474	380,019	74,834	95,521	18,340	188,695	25,510	97,534	—	114,470	237,514	248,900	(50,786)	198,114
51475	2,833	558	712	714	1,984	190	727	—	225	1,142	1,856	51	1,907
51476	105,957	20,865	26,633	19,910	67,408	7,113	27,194	—	15,849	50,156	69,398	(317)	69,081
51477	1,006,796	198,259	253,067	57,845	509,171	67,584	258,399	—	25,187	351,170	659,417	(14,157)	645,260
51478	305,070	60,075	76,682	69,766	206,523	20,479	78,298	—	42,554	141,331	199,811	24,864	224,675
51479	560	110	141	745	996	38	144	—	479	661	367	237	604
51480	12,219	2,406	3,071	22,818	28,295	820	3,136	—	6,128	10,084	8,003	10,125	18,128
51481	251,605	49,546	63,243	114,977	227,766	16,890	64,576	—	10,648	92,114	164,792	109,559	274,351
51482	392,279	77,248	98,603	134,892	310,743	26,333	100,680	—	46,090	173,103	256,929	41,261	298,190
51483	20,585	4,054	5,174	8,521	17,749	1,382	5,283	—	648	7,313	13,483	5,522	19,005
51484	41,653	8,202	10,470	13,489	32,161	2,796	10,690	—	12,872	26,358	27,281	1,592	28,873

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Total pension expense
51485	\$ 76,027	14,971	19,110	37,697	71,778	5,104	19,513	—	11,313	35,930	49,795	8,370	58,165
51486	983	194	247	3,247	3,688	66	252	—	80	398	644	1,787	2,431
51487	7,733	1,523	1,944	3,037	6,504	519	1,985	—	1,699	4,203	5,065	2,278	7,343
51488	14,897	2,934	3,745	15,390	22,069	1,000	3,823	—	4,823	9,757	7,577	17,334	17,334
51489	—	—	—	317	317	—	—	—	861	861	—	(8)	(8)
51490	338,438	66,646	85,070	138,202	289,918	22,719	86,862	—	19,753	129,334	221,665	72,531	294,196
51491	791	156	199	565	920	53	203	—	—	256	518	214	732
51492	67,637	13,319	17,001	17,613	47,933	4,540	17,360	—	16,236	38,136	44,300	1,845	46,145
51493	18,396	3,622	4,624	13,323	21,569	1,235	4,721	—	1,664	7,620	12,048	3,984	16,032
51494	42,116	8,294	10,586	88,139	107,019	2,827	10,809	—	2,483	16,119	27,585	28,020	55,605
51495	65,550	12,908	16,477	26,926	56,311	4,400	16,824	—	9,635	30,859	42,933	6,622	49,555
51496	19,469	3,834	4,894	7,973	16,701	1,307	4,997	—	7,086	13,390	12,751	742	13,493
51497	33,413	6,580	8,399	180,673	195,652	2,243	8,576	—	7,768	18,587	21,884	44,383	66,267
51499	16,718	3,292	4,202	17,549	25,043	1,122	4,291	—	774	6,187	10,950	4,903	15,853
51500	50,096	9,865	12,592	110,104	132,561	3,363	12,857	—	6,208	22,428	32,811	26,405	59,216
51501	29,122	5,735	7,320	18,040	31,095	1,955	7,474	—	—	9,429	19,074	4,510	23,584
51502	13,264	2,612	3,334	8,166	14,112	890	3,404	—	2,008	6,302	8,687	1,539	10,226
51503	16,810	3,310	4,225	16,278	23,813	1,128	4,314	—	—	5,442	11,010	4,069	15,079
51504	11,376	2,240	2,859	9,217	14,316	764	2,920	—	—	3,684	7,451	2,304	9,755
51505	9,499	1,871	2,388	9,193	13,452	638	2,438	—	—	3,076	6,221	2,298	8,519
70001	4,939,049	972,602	1,241,475	185,469	2,399,546	331,549	1,267,633	—	71,979	1,671,161	3,234,907	16,685	3,251,592
70002	1,035,681	203,947	260,328	686,804	69,523	69,523	34,408	—	34,408	369,744	678,336	92,505	770,841
70003	1,404,400	276,556	353,009	175,248	804,813	94,275	360,447	—	16,732	471,454	919,834	69,443	989,277
70004	1,377,037	346,131	452,709	152,709	770,007	92,438	353,424	—	1,049	446,911	901,912	60,426	962,338
70005	1,367,090	269,209	343,630	121,950	734,789	91,770	350,871	—	67,506	510,147	895,397	42,651	938,048
70006	1,731,441	340,957	435,213	530,510	1,306,680	116,228	444,383	—	71,409	632,020	1,134,034	229,613	1,363,647
70007	9,912,527	1,951,984	2,491,604	1,430,267	5,873,855	665,409	2,544,102	—	152,172	3,361,683	6,492,364	578,795	7,071,159
70008	1,892,439	372,661	475,682	489,721	1,338,064	127,036	485,704	—	66,142	678,882	1,239,482	227,659	1,467,141
70009	875,378	172,380	220,034	39,358	431,772	58,762	224,670	—	11,009	294,441	573,342	21,644	594,986
70010	1,954,061	384,795	491,171	221,710	1,097,676	131,172	501,520	—	74,801	707,493	1,279,842	103,979	1,383,821
70011	1,072,944	211,285	269,694	118,412	599,391	72,025	275,377	—	20,825	368,227	702,741	47,743	750,484
70012	875,510	172,406	220,067	124,793	517,266	58,771	224,704	—	6,567	290,042	573,429	50,855	624,284
70013	2,723,608	536,335	684,604	680,406	1,901,345	182,831	699,028	—	92,581	974,440	1,783,869	302,197	2,086,066
70014	1,468,368	293,095	374,120	285,714	952,929	99,913	382,003	—	32,339	514,255	974,843	131,105	1,105,948
70015	1,068,828	210,475	268,660	67,117	546,252	71,748	274,320	—	11,170	357,238	700,045	79,735	779,780
70016	1,511,207	297,588	379,856	182,532	859,976	101,444	387,859	—	52,633	541,936	989,788	68,355	1,058,143
70017	960,123	189,068	241,336	39,772	470,176	64,451	246,421	—	57,025	367,897	628,847	(18,524)	610,323
70018	709,397	139,695	178,314	158,733	476,742	47,821	182,071	—	54,486	284,178	464,631	22,398	487,029
70019	819,035	161,285	205,872	23,966	391,123	54,960	210,210	—	22,231	287,421	536,440	1,216	537,656
70020	1,032,289	203,279	259,475	284,886	747,640	69,296	264,942	—	36,803	371,041	676,114	114,854	790,968
70021	3,391,583	667,874	852,505	826,870	2,347,249	227,671	870,468	—	83,193	1,181,332	2,221,370	305,131	2,526,501
70022	2,183,251	429,928	548,780	516,100	1,494,808	146,558	560,343	—	28,259	735,160	1,429,954	245,568	1,675,522
70023	564,099	111,083	141,791	99,097	351,971	37,867	144,779	—	48,994	231,640	369,465	15,527	384,992
70024	2,634,247	518,738	662,142	386,357	1,567,237	176,832	676,093	—	48,376	901,301	1,725,341	125,814	1,851,155
70025	682,401	134,379	171,528	187,054	492,961	45,808	175,142	—	53,437	274,387	446,949	55,620	502,569
70026	552,371	108,773	138,844	97,024	344,641	37,080	141,769	—	706	179,555	361,784	46,706	408,490
70027	3,336,357	656,998	838,624	593,483	2,089,105	223,963	856,294	—	123,212	1,203,469	2,185,199	186,309	2,371,508
70028	1,213,202	238,905	304,949	406,665	950,519	81,440	311,375	—	28,097	420,912	674,605	176,488	971,093
70029	518,888	102,180	130,427	136,043	368,650	34,832	133,175	—	13,014	181,021	339,854	62,108	401,962
70030	3,436,328	676,685	863,752	46,769	1,587,206	230,674	881,952	—	56,135	1,168,761	2,250,676	(5,752)	2,244,924
70031	3,943,200	776,499	991,159	550,567	2,318,225	264,700	1,012,043	—	51,991	1,328,734	2,582,660	251,423	2,834,083
70032	5,006,132	1,258,337	1,258,337	729,915	2,974,064	336,052	1,284,850	—	85,546	1,706,448	3,278,844	403,533	3,682,377
70033	4,904,120	965,724	1,232,695	1,696,316	3,894,735	329,204	1,258,668	—	100,243	1,688,115	3,212,030	795,253	4,007,283
70035	2,471,041	486,600	621,119	825,416	1,933,135	165,876	634,206	—	77,444	877,526	1,618,447	400,451	2,018,898
70036	1,255,465	247,227	315,572	256,177	818,976	84,277	322,222	—	36,984	443,483	822,286	123,054	945,340
70038	651,786	128,350	163,832	41,659	333,841	43,753	167,284	—	45,808	256,845	426,897	(11,794)	415,103
70039	960,293	189,102	241,378	108,269	538,749	64,463	246,464	—	15,571	326,498	628,959	36,909	665,868
70040	840,340	165,481	211,227	163,153	539,861	56,410	215,678	—	6,595	278,683	550,394	67,677	618,071
70041	596,945	117,551	150,048	106,159	373,758	40,072	153,209	—	18,371	211,652	390,978	42,208	433,186
70042	1,611,341	317,307	405,025	331,669	1,054,001	108,166	413,559	—	117,646	639,371	1,055,373	132,505	1,187,878
70043	778,294	153,262	181,706	53,599	350,599	52,245	199,753	—	37,051	289,049	509,756	77,031	586,787
70044	1,352,973	266,429	340,082	218,360	824,871	90,823	347,248	—	45,863	483,934	886,150	74,085	960,235
70045	1,354,409	266,711	340,443	169,019	776,173	90,919	347,616	—	103,313	541,848	887,091	36,586	923,677
70046	563,470	110,959	141,633	36,117	288,709	37,825	144,617	—	22,916	205,358	360,053	6,149	375,202

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense	
70047	\$ 2,127,397	418,929	534,741	235,379	1,189,049	142,808	546,008	—	7,279	696,095	1,393,372	126,118	1,519,490
70048	789,758	155,520	198,513	67,780	421,813	53,015	202,695	—	33,882	289,592	517,264	20,929	538,193
70049	3,504,195	690,049	880,811	690,366	2,261,226	235,230	899,370	—	9,379	1,143,979	2,295,127	320,854	2,615,981
70050	3,524,782	694,103	885,986	479,533	2,059,622	236,612	904,654	—	82,593	1,223,859	2,308,611	158,204	2,466,815
70051	934,218	183,967	234,824	77,492	496,283	62,712	239,772	—	33,501	335,985	611,880	16,719	628,599
70052	10,753,392	2,117,568	2,702,963	735,656	5,556,187	721,855	2,759,915	—	30,700	3,512,470	7,043,102	101,412	7,144,514
70053	412,830	81,295	103,769	129,029	314,093	27,713	105,955	—	17,360	151,028	270,389	58,632	329,021
70054	1,703,536	335,462	428,199	36,758	800,419	114,355	437,222	—	5,649	557,226	1,115,757	2,062	1,117,819
70055	3,178,529	625,919	798,952	150,893	1,575,764	213,369	815,786	—	203,404	1,232,559	2,081,827	(100,642)	1,981,185
70056	1,445,742	284,697	363,401	204,958	853,056	97,050	371,057	—	22,303	490,410	946,911	90,044	1,036,955
70057	351,590	69,235	88,375	18,750	176,360	23,602	90,237	—	6,916	120,755	230,279	4,129	234,408
70058	3,186,314	627,452	800,909	843,540	2,271,901	213,891	817,784	—	63,751	1,095,426	2,086,926	356,882	2,443,808
70059	17,087,728	3,364,931	4,295,156	1,842,499	9,502,586	1,147,067	4,385,655	—	543,840	6,076,562	11,191,873	559,145	11,751,018
70060	15,954,426	3,141,760	4,010,291	3,222,205	10,374,256	1,070,991	4,094,787	—	541,739	5,707,517	10,449,599	1,342,728	11,792,327
70061	1,709,616	336,659	429,727	155,314	921,700	114,763	438,782	—	41,344	594,889	1,119,739	69,454	1,189,193
70062	1,319,662	259,869	331,709	287,540	879,118	88,586	338,698	—	83,778	511,062	864,333	82,465	946,798
70100	112,640	22,181	28,313	11,544	62,038	7,561	26,318	—	26,316	62,787	74,448	—	74,448
70103	3,549,299	698,931	892,149	619,059	2,210,139	238,258	910,946	—	78,576	1,227,780	2,324,668	272,252	2,596,920
70104	114,086	22,466	28,676	12,624	63,766	7,658	29,281	—	10,375	47,314	74,722	(4,081)	70,641
70106	2,431,869	478,886	611,272	779,287	1,869,445	163,247	624,152	—	47,534	834,933	1,592,790	325,855	1,918,645
70108	3,186,996	627,586	801,080	674,712	2,103,738	213,937	817,959	—	201,647	1,233,543	2,087,372	267,509	2,354,881
70109	2,155,731	424,509	541,863	470,844	1,437,216	144,710	553,280	—	110,514	808,504	1,411,930	167,232	1,579,162
70110	1,127,549	222,038	283,420	80,025	585,483	75,690	289,391	—	14,776	379,857	738,506	27,145	765,651
70111	757,072	149,083	190,297	54,789	394,169	50,821	194,307	—	7,372	252,500	495,856	25,794	521,650
70112	655,221	129,027	164,696	44,437	338,160	43,984	168,166	—	70,115	282,265	429,147	(8,860)	420,287
70201	180,036	35,453	45,254	51,909	132,616	12,085	46,207	—	7,747	66,039	117,917	14,985	132,902
70202	125,734	24,760	31,604	42,709	99,073	8,440	32,270	—	5,964	46,674	82,351	15,820	98,171
70203	302,541	59,577	76,047	74,443	210,067	20,309	77,649	—	3,746	101,704	198,154	32,063	230,217
70205	219,369	43,198	55,141	85,531	183,870	14,726	56,302	—	14,547	85,575	143,679	37,939	181,618
70206	190,585	37,530	47,905	32,772	118,207	12,794	48,915	—	8,252	69,961	124,827	7,673	132,500
70211	538,915	106,124	135,461	146,669	388,254	36,176	138,315	—	14,507	188,998	352,971	59,104	412,075
70212	139,935	27,556	35,174	56,972	119,702	9,394	35,915	—	13,808	59,117	91,653	20,088	111,741
70213	416,152	81,949	104,604	40,402	226,955	27,936	106,808	—	14,503	149,247	272,565	9,620	282,185
70214	245,649	48,373	61,746	12,725	122,844	16,490	63,047	—	11,044	90,581	160,892	7,516	168,408
70215	135,955	26,772	34,173	40,520	101,465	9,126	34,893	—	9,937	53,956	89,046	16,745	105,791
70217	463,158	91,205	116,419	66,968	274,592	31,091	118,872	—	8,518	158,481	303,352	24,852	328,204
70218	415,903	81,900	104,541	23,267	209,708	27,919	106,744	—	12,893	147,556	272,402	5,747	278,149
70303	828,060	163,062	208,140	91,467	462,669	55,586	212,526	—	33,377	301,489	542,350	3,366	545,716
70305	313,604	61,755	78,827	51,214	191,796	21,052	80,488	—	4,787	106,327	205,400	18,109	223,509
70306	671,771	132,286	168,856	39,588	340,730	45,095	172,414	—	15,939	233,448	439,987	8,170	448,157
70307	730,298	143,811	183,567	79,630	407,008	49,024	187,435	—	16,163	252,622	478,320	15,437	493,757
70308	1,416,599	278,958	356,075	524,562	1,159,595	95,094	363,578	—	56,563	515,235	972,823	250,022	1,177,845
70309	378,907	74,615	95,242	10,212	180,069	25,435	97,249	—	32,916	155,600	248,171	(6,512)	241,659
70311	696,603	137,176	175,097	97,258	409,531	46,762	178,787	—	23,262	248,811	456,251	37,045	493,296
70312	1,337,489	263,380	336,190	260,172	859,742	89,783	343,274	—	27,718	460,775	876,009	123,903	999,912
70313	689,339	135,745	173,272	165,597	474,614	46,274	176,922	—	10,794	233,990	451,493	70,140	521,633
70314	447,300	88,083	112,433	46,812	247,328	30,026	114,802	—	23,645	168,473	292,966	(16,081)	276,885
70315	1,010,991	199,085	254,122	212,110	665,317	67,866	259,476	—	27,904	355,246	672,164	74,653	746,817
70400	135,846	26,751	34,146	47,554	108,451	9,119	34,866	—	7,677	51,662	88,974	16,955	105,929
70401	294,718	58,036	74,080	60,473	192,589	19,784	75,641	—	10,482	105,907	193,030	25,318	218,348
70402	496,840	97,838	124,885	42,819	265,542	33,352	127,517	—	4,879	165,748	325,413	11,864	337,277
70403	501,597	98,775	126,081	88,658	313,514	33,671	128,737	—	4,597	167,005	328,529	33,616	362,145
70404	497,457	97,960	125,040	83,944	306,944	33,393	127,675	—	18,289	179,357	325,817	30,744	356,561
70406	576,464	113,518	144,899	121,643	380,060	38,697	147,952	—	71	186,720	377,564	57,007	434,571
70408	161,174	31,738	40,512	24,945	97,195	10,819	41,366	—	7,328	59,513	105,563	9,074	114,637
70409	863,573	170,056	217,067	113,556	500,679	57,970	221,641	—	20,959	300,570	565,611	32,566	598,177
70410	433,937	85,451	109,074	65,876	260,401	29,129	111,372	—	17,379	157,880	284,214	29,500	313,714
70500	309,358	60,919	77,760	28,965	167,644	20,767	79,398	—	38,765	138,930	202,619	(11,190)	191,429
70501	310,658	61,175	78,087	86,560	225,822	20,854	79,732	—	5,274	105,860	203,470	35,049	238,519
70502	485,707	95,646	122,087	23,422	241,155	32,605	124,659	—	48,195	205,459	318,121	(22,389)	295,732
70503	392,181	77,229	98,578	105,557	281,364	26,326	100,665	—	16,983	143,964	256,865	45,729	302,594
70505	252,001	49,624	63,343	64,250	177,217	16,916	64,677	—	35,658	117,251	165,052	15,244	180,296
70506	304,749	60,011	76,601	109,906	246,518	20,457	78,215	—	14,437	113,109	199,600	53,462	253,062
70603	395,480	77,878	99,407	52,652	229,937	26,548	101,502	—	709	128,759	259,026	21,665	280,691



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions
70604	\$ 332,521	65,480	83,582	52,227	201,289	22,322	85,343	—	42,579	150,244	217,790	9,896	227,686
70605	309,259	60,900	77,735	7,210	145,845	20,760	79,373	—	15,300	115,433	202,554	871	203,425
70606	564,656	111,193	141,931	93,121	346,245	37,904	144,922	—	9,311	192,137	369,830	34,342	404,172
70607	454,300	89,461	114,192	96,886	300,539	30,496	116,598	—	5,429	152,523	297,551	36,434	333,985
70608	532,599	104,880	133,874	152,643	391,977	35,752	136,694	—	10,589	183,035	348,834	61,258	410,092
70609	476,253	93,784	119,711	58,782	272,271	31,970	122,233	—	42,274	196,477	311,929	13,299	325,228
70610	226,515	44,606	56,937	32,511	134,054	15,206	58,136	—	8,229	81,571	148,360	13,777	162,137
70611	426,317	83,951	107,159	85,704	276,814	28,618	109,416	—	1,365	139,399	279,223	46,863	326,086
70612	398,795	78,531	100,241	61,803	240,575	26,770	102,353	—	12,485	141,608	261,197	17,905	279,102
70613	300,235	59,122	75,467	3,506	138,095	20,154	77,057	—	34,006	131,217	196,643	(11,545)	185,098
70615	259,726	51,146	65,285	24,029	140,460	17,435	66,660	—	4,618	88,713	170,112	3,958	174,070
70616	499,791	98,419	125,627	99,861	323,907	33,550	128,274	—	21,901	183,725	327,346	36,843	364,189
70617	194,364	38,274	48,855	14,192	101,321	13,047	49,884	—	10,957	73,888	127,301	(2,859)	124,442
70618	559,019	110,082	140,514	22,882	273,478	37,522	143,475	—	12,925	193,926	366,138	(5,614)	360,524
70619	475,533	93,642	119,530	158,421	371,593	31,926	122,048	—	21,145	175,115	311,458	75,919	387,377
70704	304,154	59,894	76,452	31,089	167,435	20,417	78,063	—	19,469	117,949	199,210	(4,693)	194,517
70705	1,519,539	299,229	381,950	130,852	812,031	102,004	389,998	—	5,177	497,179	995,245	66,889	1,062,134
70801	387,176	76,243	97,320	50,154	223,717	25,990	99,371	—	6,483	131,844	253,587	19,088	272,675
70802	434,490	85,560	109,213	84,248	279,021	29,166	111,514	—	10,161	150,841	284,576	34,281	318,811
70803	417,019	82,120	104,822	112,994	299,936	27,994	107,030	—	17,298	152,322	273,133	50,843	323,976
70804	1,112,621	219,098	279,667	74,968	573,733	74,688	285,560	—	8,765	369,013	728,728	34,941	763,669
70808	459,259	90,438	115,439	127,991	333,868	30,829	117,871	—	—	148,700	300,799	39,788	340,587
70810	855,064	168,380	214,928	95,545	478,853	57,399	219,457	—	38,617	315,473	560,037	10,759	570,796
70812	446,932	88,010	112,340	138,779	339,129	30,002	114,707	—	5,179	149,888	292,725	73,287	366,012
70901	910,731	179,342	228,920	119,053	527,315	61,136	233,744	—	31,112	325,992	596,497	55,436	651,933
70903	1,115,136	219,594	280,300	80,884	580,778	74,857	286,206	—	27,950	389,013	730,376	11,002	741,378
70904	224,852	44,278	56,519	15,930	116,727	15,094	57,709	—	9,226	82,029	147,270	5,261	152,531
70905	666,433	131,235	167,514	115,042	413,791	44,736	171,044	—	7,605	223,385	436,491	50,984	487,475
70911	712,385	140,284	179,065	151,711	417,060	47,821	182,837	—	24,364	255,022	466,588	43,000	509,588
70913	665,024	130,957	167,160	57,165	355,282	44,642	170,682	—	17,433	232,757	435,568	16,010	451,578
70914	478,555	94,237	120,289	37,202	251,728	32,124	122,824	—	39,324	194,272	313,437	(5,997)	307,440
71000	345,233	67,984	86,777	18,544	173,305	23,175	88,606	—	6,779	118,560	226,116	3,619	229,735
71001	145,320	28,617	36,527	22,495	87,639	9,755	37,297	—	37,038	84,090	95,179	2,097	97,276
71006	816,076	160,702	205,128	224,351	590,181	54,782	209,450	—	25,314	289,546	534,502	104,066	638,568
71008	866,888	170,708	217,907	117,907	506,515	58,193	222,492	—	10,314	290,999	567,782	54,595	622,377
71009	1,182,726	232,904	297,289	218,078	748,271	79,394	303,553	—	42,366	425,313	774,645	98,013	872,658
71010	300,350	59,145	75,496	80,227	214,868	20,162	77,086	—	139,859	237,107	196,719	(100,750)	95,969
71100	285,506	56,222	71,764	83,324	211,310	19,165	73,276	—	22,120	114,561	186,996	15,046	202,042
71101	246,929	48,626	62,068	39,037	149,731	16,576	63,376	—	12,961	92,913	161,730	6,277	168,007
71103	704,214	138,675	177,011	90,635	406,321	47,273	180,740	—	42,231	270,244	461,236	7,998	469,234
71104	245,270	48,299	61,651	25,603	135,553	16,465	62,950	—	2,843	82,258	160,644	10,461	171,105
71201	195,124	38,424	49,046	47,221	134,691	13,098	50,079	—	2,136	65,313	127,799	19,607	147,406
71202	218,047	42,938	54,808	58,105	155,851	14,637	55,963	—	8,719	79,319	142,813	22,987	165,800
71203	261,784	51,551	65,802	127,997	245,350	17,573	67,188	—	16,513	101,274	171,459	55,283	226,742
71204	671,338	132,201	168,747	72,434	373,382	45,066	172,303	—	77,757	295,126	439,703	(15,683)	424,020
71206	487,276	95,955	122,481	44,034	262,470	32,710	125,062	—	26,986	184,758	319,149	(8,434)	310,715
71207	252,633	49,749	63,502	113,300	226,551	16,959	64,840	—	18,754	100,553	165,466	40,168	205,634
71208	231,858	45,658	58,280	57,102	161,040	15,564	59,508	—	20,690	95,762	151,859	18,970	170,829
71209	186,557	36,737	46,893	20,456	104,086	12,523	47,881	—	11,034	71,438	122,188	(233)	121,955
71212	142,691	28,099	35,867	19,129	95,799	9,579	36,623	—	6,005	52,207	93,458	4,327	97,785
71213	501,965	98,847	126,174	86,939	311,960	33,896	128,832	—	9,523	172,051	328,770	31,856	360,626
71214	234,687	46,215	58,991	60,276	165,482	15,754	60,234	—	2,543	78,531	153,712	33,323	187,035
71215	50,048	9,856	12,580	33,426	55,862	3,360	12,845	—	5,077	21,282	32,780	15,773	48,553
71300	5,383,220	1,060,069	1,353,122	1,110,150	3,523,341	361,366	1,381,632	—	157,465	1,900,463	3,525,824	447,472	3,973,296
71301	1,359,409	267,696	341,700	407,604	1,017,000	91,255	348,900	—	64,046	504,201	890,366	159,700	1,050,066
71305	696,533	137,162	175,080	167,150	479,392	46,757	178,769	—	16,983	242,509	456,205	83,657	539,862
71306	984,783	193,924	247,534	190,340	631,798	66,107	252,750	—	12,715	331,672	644,999	102,155	747,154
71308	4,676,282	920,858	1,175,426	722,589	2,818,873	313,910	1,200,192	—	103,540	1,617,642	3,062,803	265,622	3,328,425
71310	472,463	93,038	118,758	81,626	293,422	31,716	121,260	—	3,831	156,807	309,447	44,691	354,138
71311	620,199	122,130	155,893	71,822	349,845	41,833	159,177	—	21,627	222,437	406,209	25,151	431,360
71312	2,381,389	468,945	598,584	398,830	1,466,359	159,858	611,196	—	48,639	819,693	1,559,728	137,867	1,697,595
71313	820,795	161,632	206,314	111,884	479,830	55,098	210,661	—	—	265,759	537,593	62,665	600,258
71314	367,105	72,291	92,275	51,689	216,255	24,643	94,220	—	35,723	154,586	240,441	7,180	247,621
71315	736,167	144,967	185,042	194,650	524,659	49,418	188,941	—	67,243	305,602	482,164	73,016	555,180

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
71400	\$ 736,342	145,001	185,086	87,011	417,098	49,429	188,986	—	16,670	255,085	482,279	24,556	506,835
71402	2,582,075	508,465	649,028	587,588	1,745,081	173,330	662,703	—	71,337	907,370	1,691,170	258,077	1,949,247
71403	4,443,125	874,944	1,116,820	809,578	2,801,342	298,259	1,140,351	—	125,986	1,564,596	2,910,094	376,390	3,286,484
71404	658,645	129,701	165,556	139,295	434,552	44,214	169,045	—	28,208	241,467	431,390	55,149	486,539
71405	813,210	160,138	204,408	209,764	574,310	54,589	208,715	—	29,557	292,861	532,624	82,069	614,693
71413	3,487,098	686,682	876,514	902,281	2,465,477	234,082	894,982	—	42,107	1,171,171	2,283,929	334,135	2,618,064
71414	349,254	68,775	87,788	117,193	273,756	23,445	89,638	—	15,059	128,142	228,749	33,733	262,482
71415	650,167	128,031	163,425	232,063	523,519	43,644	168,869	—	45,917	256,430	425,837	91,709	517,546
71416	893,103	175,871	224,490	374,495	774,856	59,952	229,220	—	41,027	330,199	584,952	163,166	748,118
71418	1,762,585	347,090	443,042	617,136	1,407,268	118,319	452,377	—	107,258	677,954	1,154,432	251,838	1,406,270
71421	3,960,602	779,925	995,533	968,531	2,743,989	265,868	1,016,509	—	126,706	1,409,083	2,594,058	388,327	2,982,385
71424	830,344	163,512	208,715	230,872	603,099	55,739	213,112	—	51,048	319,899	543,847	107,568	651,415
71425	351,713	69,260	88,406	88,406	214,546	23,610	90,269	—	22,065	135,944	230,369	26,320	246,680
71426	1,701,670	335,094	427,730	419,650	1,182,474	114,230	436,743	—	69,252	620,225	1,114,535	171,837	1,286,372
71427	1,764,836	347,533	443,608	805,676	1,596,817	118,470	452,955	—	79,652	651,077	1,155,907	366,579	1,522,486
71429	374,575	73,762	94,153	61,409	229,324	25,145	96,137	—	26,340	147,622	245,334	25,940	271,274
71432	1,706,328	336,012	428,901	377,270	1,142,183	114,543	437,938	—	4,667	557,148	1,117,586	195,773	1,313,359
71433	2,122,535	417,972	533,519	633,775	1,585,266	142,482	544,760	—	86,419	773,661	1,390,187	243,997	1,634,184
71434	1,451,670	285,864	364,890	298,378	949,132	97,448	372,579	—	43,232	513,259	950,794	142,977	1,093,771
71435	710,415	139,896	178,569	206,173	524,638	47,689	182,332	—	—	230,021	465,297	100,208	565,505
71437	2,887,380	568,586	725,769	733,760	2,028,115	193,824	741,061	—	73,669	1,008,554	1,891,135	340,206	2,231,341
71438	720,601	141,901	181,130	263,506	586,537	48,373	184,946	—	56,755	290,074	471,969	107,177	579,146
71439	931,827	183,496	234,223	111,570	529,289	62,552	239,158	—	43,867	345,577	610,314	46,057	656,371
71440	1,201,559	236,612	302,023	460,645	999,280	80,658	308,386	—	35,642	424,686	786,980	214,447	1,001,427
71441	1,236,130	243,420	310,712	195,892	750,024	82,979	317,259	—	38,856	439,094	809,622	81,873	891,495
71500	452,876	89,181	113,834	102,977	305,992	30,401	116,233	—	15,633	162,267	296,618	47,742	344,360
71501	116,800	23,000	29,359	45,758	98,117	7,841	29,977	—	2,169	39,987	76,500	19,505	96,005
71502	131,340	25,864	33,014	49,896	108,774	8,817	33,709	—	5,955	48,481	86,023	16,704	102,727
71503	103,510	20,383	26,018	12,323	58,724	6,948	26,566	—	11,364	44,878	67,795	526	68,321
71504	133,706	26,330	33,608	32,393	92,331	8,975	34,316	—	3,516	46,807	87,573	13,775	101,348
71505	148,913	29,324	37,431	18,380	85,135	9,996	38,219	—	1,733	49,948	97,533	12,989	110,522
71510	136,176	26,816	34,229	17,731	78,776	9,141	34,950	—	10,109	54,200	89,190	1,728	90,918
71511	96,859	19,073	24,346	21,037	64,456	6,502	24,859	—	9,522	40,883	63,439	5,391	68,830
71512	135,160	26,616	33,974	18,318	78,908	9,073	34,689	—	2,816	46,578	88,525	4,235	92,760
71513	489,560	96,405	123,055	77,561	297,021	32,863	125,648	—	36,554	195,065	320,645	20,200	340,845
71514	332,457	65,468	83,566	43,676	192,710	22,317	85,327	—	1,065	108,709	217,748	20,171	237,919
71601	458,825	90,352	115,330	42,186	247,868	30,800	117,760	—	56,440	205,000	300,515	(9,305)	291,210
71603	269,150	53,001	67,653	16,733	137,387	18,068	69,079	—	9,865	97,012	176,284	4,613	180,897
71604	1,122,690	221,081	282,198	27,281	530,560	75,364	288,144	—	27,088	390,596	735,323	(8,977)	726,346
71605	127,990	25,204	32,171	38,139	95,514	8,592	32,849	—	2,214	43,655	83,829	18,131	101,960
71606	1,073,614	211,417	269,863	67,800	549,080	72,070	275,549	—	17,054	364,673	703,180	14,469	717,649
71607	663,511	130,659	166,780	110,590	408,029	44,540	170,294	—	5,187	220,021	434,577	52,499	487,076
71608	383,693	75,557	98,445	18,943	190,945	25,757	98,477	—	30,051	154,285	251,306	(7,698)	243,608
71700	677,772	133,467	170,364	112,098	415,929	45,498	173,954	—	6,155	225,607	443,917	57,361	501,278
71701	394,253	77,637	99,099	52,539	229,275	26,465	101,187	—	13,324	140,976	258,222	20,609	278,831
71702	243,031	47,858	61,088	56,915	165,861	16,314	62,375	—	644	79,333	159,177	22,843	182,020
71704	109,914	21,644	27,628	38,331	87,603	7,378	28,210	—	6,531	42,119	71,990	12,435	84,425
71801	384,150	75,647	96,560	137,849	310,056	25,787	98,594	—	2,330	126,711	251,605	60,382	311,987
71802	494,106	97,300	124,198	173,185	394,683	33,168	126,815	—	25,793	185,776	323,623	71,961	395,584
71803	496,526	97,776	124,806	77,622	300,204	33,331	127,436	—	18,339	179,106	325,207	13,497	338,704
71804	434,429	85,548	109,198	138,075	332,821	29,162	111,498	—	3,245	143,905	284,536	50,298	334,834
71805	481,904	94,897	121,131	131,942	342,970	32,349	123,683	—	6,255	162,287	315,630	66,785	382,415
71806	206,264	40,618	51,846	23,666	116,130	13,846	52,939	—	6,906	73,691	135,096	1,218	136,314
71807	461,679	90,914	116,047	82,690	289,651	30,992	118,492	—	19,643	169,127	302,384	26,054	328,438
71900	280,320	55,201	70,461	40,755	166,417	18,817	71,946	—	19,475	110,238	183,600	2,286	185,886
71902	271,414	53,447	68,222	3,250	124,919	18,219	69,660	—	16,493	104,372	177,767	(8,267)	169,500
71903	541,149	106,564	136,023	44,896	287,483	36,326	138,889	—	24,727	199,942	354,434	13,270	367,704
71905	818,623	161,204	205,768	98,226	465,198	54,953	210,104	—	1,089	266,146	536,170	41,940	578,110
71906	713,956	140,593	179,459	21,880	341,932	47,927	183,241	—	43,352	274,520	467,616	(21,217)	446,399
71908	636,091	125,260	159,887	112,913	398,060	42,700	163,256	—	38,244	244,200	416,618	46,724	463,342
72000	93,868	18,485	23,595	5,424	47,054	6,301	24,092	—	7,629	38,022	61,480	(1,207)	60,273
72001	84,514	16,643	21,243	12,922	50,808	5,673	21,691	—	2,842	30,206	55,354	2,722	58,076
72002	104,920	20,661	26,373	12,674	59,708	7,043	26,928	—	4,894	38,865	68,719	1,349	70,068
72003	159,907	31,489	40,194	6,940	78,623	10,734	41,041	—	11,274	63,049	104,734	(2,080)	102,654
72004	—	—	—	1,905	1,905	—	—	—	3,063	3,063	—	2,155	2,155
72005	18,360	3,615	4,615	7,161	15,391	1,232	4,712	—	6,502	12,446	12,025	2,389	14,414

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
72101	\$ 276,271	54,404	69,443	21,142	144,989	18,546	70,906	—	13,340	102,792	180,948	10,079	191,027
72103	293,629	57,822	73,806	60,130	191,758	19,711	75,361	—	18,421	113,493	192,317	10,339	202,656
72105	—	—	—	—	—	—	—	—	6,416	6,416	—	(18,114)	(18,114)
72106	98,962	19,488	24,875	18,470	62,833	6,643	25,399	—	8,870	40,912	64,817	6,841	68,441
72108	370,897	73,037	93,228	57,367	223,632	24,898	95,193	—	13,462	133,553	242,925	22,387	265,312
72109	316,968	62,418	79,673	67,031	209,122	21,277	81,351	—	6,050	108,678	207,603	25,596	233,199
72110	210,342	41,421	52,871	15,778	110,070	14,120	53,985	—	15,352	83,457	137,767	(1,938)	135,829
72111	—	—	—	—	—	—	—	—	8,487	8,487	—	(23,962)	(23,962)
72112	263,252	51,840	66,171	46,170	164,181	17,872	67,565	—	38,279	123,516	172,421	5,738	178,159
72114	406,140	79,977	102,087	96,327	278,391	27,263	104,238	—	24,081	155,582	266,008	38,698	304,706
72201	818,763	161,232	205,804	78,994	446,030	54,962	210,140	—	41,754	306,856	536,262	29,905	566,167
72202	226,314	44,566	56,886	32,249	133,701	15,192	58,085	—	—	73,277	148,228	16,453	164,681
72204	569,499	112,146	143,149	44,810	300,105	38,229	146,165	—	13,873	198,267	373,002	11,572	384,574
72208	302,466	59,562	76,028	22,036	157,626	20,304	77,630	—	30,663	128,597	198,105	(2,953)	195,152
72209	2,161,810	425,706	543,391	131,664	1,100,761	145,118	554,840	—	106,774	806,732	1,415,911	21,309	1,437,220
72210	1,922,735	378,627	483,297	284,091	1,146,015	129,070	493,480	—	50,525	673,075	1,259,325	113,757	1,373,082
72211	256,001	50,412	64,348	16,207	130,967	17,185	65,704	—	18,712	101,601	167,672	(3,906)	163,766
72212	150,703	29,677	37,881	44,837	112,395	10,116	38,679	—	8,696	57,491	98,705	9,731	108,436
72213	561,393	110,550	141,111	72,230	323,891	37,885	144,085	—	36,259	218,029	367,693	11,247	378,940
72302	427,617	84,207	107,485	75,490	267,182	28,705	109,750	—	40,934	179,389	280,074	23,551	303,625
72303	669,850	131,907	168,373	138,669	438,949	44,966	171,921	—	6,993	223,880	438,729	68,719	507,448
72304	183,872	36,208	46,218	18,156	100,582	12,343	47,192	—	10,851	70,386	120,430	(491)	119,939
72306	720,405	141,863	181,080	173,120	496,063	48,359	184,896	—	13,310	246,565	471,840	80,272	552,112
72308	276,192	54,388	69,423	181,566	57,755	18,540	70,886	—	—	89,426	180,896	32,302	213,198
72400	317,398	62,502	79,781	106,327	248,610	21,306	81,462	—	20,790	123,558	207,885	51,047	258,932
72402	588,431	115,874	147,908	109,100	372,882	39,500	151,024	—	—	190,524	385,402	46,185	431,587
72404	418,117	82,336	105,097	15,709	203,142	28,067	107,312	—	26,600	161,979	273,852	(5,424)	268,428
72405	300,118	59,099	75,437	101,552	236,088	20,146	77,027	—	28,573	125,746	196,567	35,330	231,897
72407	721,408	142,060	181,333	139,802	463,195	48,427	185,153	—	32,602	266,182	472,498	51,873	524,371
72408	232,464	45,777	58,432	35,719	139,928	15,605	59,663	—	14,390	89,658	152,256	2,716	155,256
72409	394,342	77,654	99,122	20,964	197,740	26,471	101,210	—	8,839	136,520	258,281	(1,201)	257,080
72410	425,407	83,771	106,930	41,393	232,094	28,557	109,183	—	18,265	156,005	278,627	18,954	297,581
72501	624,343	122,946	156,934	119,963	399,843	41,911	160,241	—	19,321	221,473	408,923	60,283	469,206
72504	225,951	44,494	56,795	33,057	134,346	15,168	57,991	—	24,953	98,112	147,990	8,026	156,016
72505	485,547	95,614	122,047	19,081	236,742	32,594	124,618	—	20,277	177,489	318,016	(4,130)	313,886
72506	544,776	107,278	136,934	122,271	366,483	36,570	139,820	—	22,496	198,886	356,809	55,014	411,823
72508	222,298	43,775	55,877	21,581	121,233	14,922	57,054	—	12,629	84,605	145,597	5,541	151,138
72509	166,587	32,804	41,873	56,818	131,495	11,183	42,755	—	16,045	69,983	109,109	23,436	132,545
72510	1,261,630	248,441	317,122	232,491	798,054	84,691	323,804	—	21,503	429,998	826,324	91,850	918,174
72511	155,633	30,647	39,120	6,550	76,317	10,447	39,944	—	6,469	56,860	101,934	(2,331)	99,603
72512	129,991	25,598	32,674	43,839	102,111	8,726	33,363	—	3,090	45,179	85,140	18,026	103,166
72513	230,753	45,440	58,002	35,745	139,187	15,490	59,224	—	6,678	81,392	151,135	3,970	155,105
72600	2,292,297	451,401	576,190	313,105	1,340,696	153,878	588,330	—	22,498	764,706	1,501,376	134,219	1,635,595
72603	427,749	84,233	107,519	16,181	207,933	28,714	109,784	—	15,420	153,918	280,161	(7,760)	272,401
72607	3,184,369	627,069	800,420	758,333	2,185,822	213,761	817,285	—	168,183	1,199,229	2,085,652	276,572	2,362,224
72609	5,802,161	1,142,567	1,458,426	1,113,464	3,714,457	389,488	1,489,155	—	137,779	2,016,422	3,800,215	514,928	4,315,143
72613	2,858,091	562,818	718,407	628,664	1,909,889	191,858	733,544	—	77,965	1,003,367	1,871,951	291,706	2,163,657
72615	3,116,867	613,776	783,453	763,182	2,160,411	209,229	799,960	—	25,492	1,034,681	2,041,441	328,503	2,369,944
72616	3,945,598	776,971	991,762	504,293	2,273,026	264,861	1,012,658	—	68,640	1,345,979	2,584,231	229,386	2,813,617
72619	1,322,014	260,332	332,300	227,678	820,310	88,744	339,302	—	48,659	476,705	865,874	51,464	917,338
72620	2,048,685	403,429	514,956	151,423	1,069,808	137,524	525,806	—	12,363	675,693	1,341,818	64,076	1,405,894
72621	2,164,080	426,153	543,961	241,527	1,211,641	145,271	555,422	—	43,522	744,215	1,417,398	80,819	1,498,217
72622	389,694	76,739	97,953	112,724	287,416	26,159	100,017	—	2,002	128,178	255,236	58,760	313,996
72623	2,152,310	423,835	541,003	383,255	1,348,093	144,481	552,402	—	93,405	790,288	1,409,689	138,535	1,548,224
72624	1,621,513	319,310	407,582	506,234	1,233,126	108,849	416,170	—	25,147	550,166	1,062,035	254,182	1,316,217
72625	2,120,048	417,482	532,893	278,700	1,229,075	142,315	544,121	—	40,841	727,277	1,388,558	103,219	1,491,777
72626	2,385,432	469,741	599,600	591,861	1,661,202	160,130	612,234	—	51,844	824,208	1,562,376	230,812	1,793,188
72628	1,358,060	267,430	341,361	206,013	814,804	91,164	348,553	—	23,033	462,750	889,483	82,890	972,373
72629	1,094,946	215,618	275,225	256,635	747,478	73,502	281,024	—	60,488	415,014	717,152	116,502	833,654
72700	—	—	—	—	—	—	—	—	4,249	4,249	—	(11,996)	(11,996)
72701	575,268	113,282	144,599	73,714	331,595	38,617	147,645	—	4,787	191,049	376,780	25,609	402,389
72702	—	—	—	—	—	—	—	—	3,871	3,871	—	(10,930)	(10,930)
72704	370,596	72,978	93,153	13,341	179,472	24,877	95,116	—	6,295	126,288	242,728	(6,041)	236,687
72705	425,303	83,751	106,904	100,471	291,126	28,550	109,156	—	53,175	190,881	278,559	28,602	307,161
72706	359,272	70,748	90,306	93,465	254,519	24,117	92,209	—	6,349	122,675	235,311	109,467	344,778
72707	688,693	135,618	173,109	163,780	472,507	46,231	176,757	—	25,139	248,127	451,070	206,160	657,230

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions
72800	\$ 2,437,246	479,945	612,624	934,107	2,026,676	163,608	625,532	—	196,283	985,423	1,596,312	398,742	1,995,054
72801	3,298,999	649,642	829,233	575,984	2,054,859	221,456	846,705	—	80,738	1,148,899	2,160,731	245,023	2,405,754
72802	2,273,318	447,664	571,419	498,646	1,517,729	152,604	583,459	—	19,978	756,041	1,488,945	227,267	1,716,212
72803	2,660,287	523,866	668,688	364,165	1,556,719	178,580	682,777	—	82,057	943,414	1,742,397	170,373	1,912,770
72804	1,062,225	209,174	267,000	565,398	1,041,572	71,305	272,626	—	222,045	565,976	695,721	239,338	935,059
72805	2,752,393	542,004	691,839	470,447	1,704,290	184,763	706,416	—	96,236	987,415	1,802,723	184,468	1,987,191
72806	3,466,473	682,621	871,330	1,167,484	2,721,435	232,698	889,689	—	90,580	1,212,967	2,270,420	555,694	2,826,114
72808	551,003	108,504	138,500	159,171	406,175	36,988	141,418	—	34,690	213,096	360,888	63,870	424,758
72809	3,782,991	744,950	950,889	1,068,858	2,764,697	253,945	970,925	—	216,840	1,441,710	2,477,729	442,554	2,920,283
72811	2,881,574	567,442	724,310	1,146,670	2,438,422	193,435	739,571	—	111,292	1,044,298	1,887,331	515,991	2,403,322
72812	828,763	163,201	208,317	128,165	499,683	55,633	212,706	—	56,289	324,628	542,811	39,751	582,562
72813	1,337,643	263,410	336,229	628,084	1,227,723	89,793	343,313	—	19,230	452,336	876,110	288,125	1,164,235
72814	2,585,562	509,151	649,904	884,064	2,043,119	173,564	663,598	—	12,581	849,743	1,693,454	434,368	2,127,822
72815	1,306,474	257,272	328,394	432,721	1,018,387	87,701	335,314	—	81,094	504,109	855,696	147,166	1,002,862
72816	3,277,401	645,389	823,805	654,956	2,124,150	220,006	841,162	—	88,634	1,149,802	2,146,585	266,719	2,413,304
72817	3,416,705	672,821	858,820	856,408	2,388,049	229,357	876,915	—	53,299	1,159,571	2,237,824	406,990	2,644,814
72818	1,055,609	207,872	265,337	81,075	554,284	70,861	270,928	—	13,881	355,670	691,388	30,210	721,598
72819	1,252,022	246,549	314,707	441,728	1,002,984	84,406	321,338	—	64,861	470,245	820,031	187,097	1,007,128
72820	468,364	92,231	117,728	106,818	312,777	31,440	120,208	—	16,891	168,539	306,762	44,295	351,055
72822	2,969,300	584,717	746,361	748,513	2,079,591	199,324	762,087	—	33,535	994,946	1,944,789	359,458	2,304,247
72823	1,041,873	205,167	261,884	340,353	807,404	69,939	267,402	—	70,679	408,020	682,391	134,122	816,513
72825	1,433,296	282,246	360,272	415,696	1,058,214	96,214	367,863	—	36,619	500,696	938,760	178,765	1,117,525
72826	2,647,131	521,275	665,381	829,595	2,016,251	177,697	679,400	—	143,384	1,000,481	1,733,780	321,049	2,054,829
72827	4,997,929	984,197	1,256,275	1,366,497	3,606,969	335,502	1,282,745	—	285,508	1,903,755	3,273,471	631,783	3,905,254
72829	2,778,297	547,105	698,350	639,893	1,885,348	186,502	713,065	—	54,980	954,547	1,819,689	271,398	2,091,087
72830	2,756,275	692,815	814,921	542,768	2,050,504	185,024	707,412	—	105,227	997,663	1,805,265	338,323	2,143,588
72831	2,626,475	517,208	660,189	465,087	1,642,484	176,310	674,099	—	214,637	1,065,046	1,720,251	153,107	1,873,358
72832	542,555	106,840	136,376	185,611	428,827	36,421	139,250	—	37,218	212,889	355,355	42,594	427,949
72833	786,317	154,842	197,648	120,874	473,364	52,784	201,812	—	42,277	296,873	515,010	47,810	562,820
72834	2,056,380	404,944	516,890	932,461	1,854,295	138,041	527,781	—	61,577	727,399	1,346,858	465,640	1,812,498
72835	733,809	144,502	184,450	227,770	556,722	49,259	188,336	—	24,626	262,221	480,620	101,359	581,979
72836	2,923,562	575,711	734,864	614,666	1,925,241	196,253	750,348	—	210,951	1,157,552	1,914,832	207,667	2,122,499
72837	922,412	181,642	231,857	344,565	758,064	61,920	236,742	—	14,864	313,526	604,148	154,862	759,010
72838	1,106,893	217,970	278,228	379,573	875,771	74,304	284,090	—	77,926	436,320	724,977	162,453	887,430
72839	735,295	144,795	184,823	171,441	501,059	49,359	188,717	—	7,157	245,233	481,593	78,722	560,315
72840	2,823,743	556,054	709,774	557,727	1,823,555	189,553	724,728	—	22,103	936,384	1,849,454	288,594	2,138,048
72841	2,150,355	423,450	540,511	657,337	1,621,298	144,349	551,900	—	15,979	712,228	1,408,408	294,876	1,703,284
72842	789,746	155,518	198,510	306,769	660,797	53,014	202,693	—	17,469	273,176	517,257	129,929	647,186
72843	607,464	119,622	152,692	49,002	321,316	40,778	155,909	—	22,022	218,709	397,868	(2,431)	395,437
72844	938,018	184,715	235,779	143,847	564,341	62,967	240,747	—	38,836	342,550	614,369	27,783	642,152
72845	1,143,462	225,172	287,420	190,295	702,887	76,758	293,476	—	47,355	417,589	748,928	81,545	830,473
72846	1,484,402	292,310	373,118	183,621	849,049	99,645	380,980	—	50,526	531,151	972,232	72,708	1,044,940
72847	2,258,270	444,701	567,637	551,455	1,563,793	151,593	579,597	—	121,623	852,813	1,479,089	218,747	1,697,836
72849	557,872	109,857	140,226	193,866	443,949	37,449	143,181	—	26,254	206,884	365,387	77,526	442,913
72850	1,690,986	332,990	425,045	256,965	1,015,000	113,513	434,000	—	49,487	597,000	1,107,537	112,388	1,219,925
72852	1,381,378	272,022	347,222	433,315	1,052,559	92,729	354,538	—	173,900	621,167	904,755	158,353	1,063,108
72853	1,641,333	323,213	412,564	544,459	1,280,236	110,180	421,257	—	64,516	595,953	1,075,017	273,723	1,348,740
72854	2,336,049	460,017	587,187	700,476	1,747,680	156,815	599,559	—	5,154	761,528	1,530,031	343,547	1,873,578
72856	4,284,202	843,649	1,076,873	958,541	2,879,063	287,590	1,099,563	—	90,807	1,477,960	2,806,005	537,096	3,343,101
72857	3,272,009	644,327	822,449	980,424	2,447,200	219,644	839,778	—	129,368	1,188,790	2,143,053	416,281	2,559,334
72858	1,696,629	334,102	426,463	687,703	1,448,268	113,892	435,449	—	74,906	624,247	1,111,233	278,899	1,390,132
72859	911,362	179,466	229,079	179,466	638,017	61,178	233,906	—	42,361	337,445	596,911	106,920	703,831
72860	1,373,037	270,380	345,125	278,053	893,558	92,169	352,397	—	4,658	449,224	899,292	69,881	969,173
72861	4,165,180	820,211	1,046,956	927,206	2,794,373	279,601	1,069,016	—	80,815	1,429,432	2,728,050	409,840	3,137,890
72901	759,230	149,508	190,839	297,709	638,056	50,966	194,860	—	31,464	277,290	497,270	131,349	628,619
72902	444,379	87,507	111,699	47,818	247,024	29,830	114,052	—	10,645	154,627	291,053	8,508	299,561
72903	302,191	59,508	75,958	55,506	190,972	20,285	77,559	—	22,080	119,924	197,924	24,834	222,758
72904	448,636	88,346	112,769	161,182	362,297	30,116	115,145	—	23,572	168,833	293,841	59,915	353,756
72906	678,761	133,662	170,613	191,871	496,146	45,564	174,208	—	43,856	263,628	444,565	52,107	496,672
72907	1,729,871	340,648	434,819	546,211	1,321,678	116,123	443,980	—	44,298	604,401	1,133,006	206,710	1,339,716
72908	1,021,233	201,102	256,696	162,879	620,677	68,553	262,105	—	40,166	370,824	668,873	52,610	721,483
73001	411,733	81,079	103,493	95,448	280,020	27,639	105,673	—	20,549	153,861	269,671	42,978	312,649
73002	1,312,725	258,503	329,965	179,756	768,224	88,121	336,918	—	1,722	426,761	859,790	84,460	944,250
73004	358,842	70,664	90,198	65,337	226,199	24,088	92,099	—	14,016	130,203	235,029	15,995	251,024

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
73006	\$ 976,993	192,390	245,576	90,906	528,872	65,584	250,750	—	21,618	337,952	639,897	15,106	655,003
73008	910,939	179,383	228,973	303,004	711,360	61,150	233,797	—	68,612	363,559	596,634	121,392	718,026
73009	397,586	78,293	99,937	217,104	395,334	26,689	102,043	—	24,715	153,447	260,405	81,113	341,518
73010	604,828	119,103	152,029	259,472	530,604	40,601	155,232	—	8,258	204,091	396,142	133,641	529,783
73011	324,972	63,994	81,685	67,440	213,119	21,815	83,406	—	14,196	119,417	212,846	29,682	242,528
73012	839,688	165,352	211,063	172,441	548,856	56,367	215,510	—	48,795	320,672	549,967	82,290	632,257
73013	175,655	34,590	44,152	53,662	132,404	11,791	45,083	—	15,974	72,848	115,048	20,577	135,625
73014	165,203	32,532	41,525	105,142	179,199	11,090	42,400	—	16,935	70,425	108,202	44,421	152,623
73015	175,340	34,528	44,073	62,911	141,512	11,770	45,002	—	17,912	74,684	114,841	22,668	137,509
73100	805,345	158,589	202,431	46,143	407,163	54,061	206,696	—	2,262	263,019	527,473	20,088	547,561
73107	352,116	69,339	88,508	1,303	159,150	159,150	90,372	—	26,645	140,654	230,624	(3,212)	227,412
73108	523,679	103,123	131,632	78,225	312,980	35,154	134,405	—	16,002	185,561	342,992	26,588	369,580
73109	4,368,179	860,186	1,097,982	698,467	2,656,635	293,228	1,121,116	—	17,535	1,431,879	2,861,007	296,050	3,157,057
73112	2,894,900	570,066	727,660	282,365	1,580,901	194,329	742,991	—	106,880	1,044,200	1,896,060	85,336	1,981,396
73113	4,118,846	811,087	1,035,310	825,146	2,671,543	276,490	1,057,124	—	177,041	1,510,655	2,697,702	320,684	3,018,386
73116	829,455	163,337	208,491	111,314	483,142	55,680	212,884	—	2,960	271,524	543,265	58,892	602,157
73117	2,122,520	417,968	533,515	321,850	1,273,333	142,481	544,756	—	11,763	699,000	1,390,177	126,818	1,516,995
73118	2,318,927	456,645	582,883	410,788	1,450,316	155,665	595,165	—	50,709	801,539	1,518,817	162,565	1,681,382
73119	491,907	96,867	123,645	192,926	413,438	33,021	126,251	—	14,512	173,784	322,182	88,387	410,569
73120	399,126	78,596	100,324	87,921	266,841	26,793	102,438	—	17,527	146,758	261,414	34,838	296,252
73121	114,763	22,599	28,847	23,428	74,874	7,704	29,455	—	4,182	41,341	75,166	9,893	85,059
73122	672,138	132,358	168,948	46,497	347,803	45,119	172,508	—	45,109	262,736	440,227	(27,818)	412,409
73123	722,789	142,332	181,680	155,946	479,958	48,519	185,508	—	4,009	238,036	473,402	61,796	535,198
73124	2,123,774	418,216	533,830	336,595	1,288,641	142,565	1,390,999	—	84,503	772,146	1,390,999	71,285	1,462,284
73125	1,000,546	197,028	251,496	321,295	769,819	67,165	256,795	—	26,551	350,511	655,323	145,132	800,455
73126	634,224	124,892	159,418	127,039	411,349	42,574	11,824	—	11,824	217,175	415,395	57,634	473,029
73201	387,030	76,214	97,283	94,727	268,224	25,981	99,333	—	19,848	145,162	253,491	35,585	289,076
73202	261,925	51,579	65,837	108,242	225,658	17,583	67,224	—	32,622	117,429	171,552	38,245	209,797
73203	299,709	59,019	75,335	69,962	204,316	20,119	76,922	—	—	97,041	196,299	35,564	231,863
73205	337,633	66,487	84,867	133,363	284,717	22,665	86,655	—	4,845	114,165	221,138	65,026	286,164
73206	1,500,379	295,456	377,134	182,010	854,600	100,718	385,080	—	31,959	517,757	982,696	76,806	1,059,502
73209	659,891	129,946	165,870	223,410	519,226	44,297	169,364	—	14,036	227,697	432,206	103,893	536,099
73302	1,524,903	300,285	383,298	365,353	1,048,936	102,364	391,374	—	38,338	532,076	998,759	178,753	1,177,512
73307	1,795,221	353,517	451,245	300,712	1,105,474	120,510	460,753	—	57,408	638,671	1,175,808	113,606	1,289,414
73311	5,020,989	988,738	1,262,071	884,905	3,135,714	337,050	1,288,663	—	119,724	1,745,437	3,288,575	363,326	3,651,901
73312	1,759,001	346,384	442,141	355,822	1,144,347	118,078	451,457	—	130,130	699,665	1,152,085	140,086	1,292,171
73313	1,109,197	218,424	278,807	229,013	726,244	74,458	284,681	—	14,039	373,178	726,486	106,668	833,154
73314	1,867,793	367,807	469,487	496,092	1,333,386	125,381	479,379	—	38,792	643,552	1,223,340	198,538	1,421,878
73315	2,288,182	450,591	575,155	202,947	1,228,693	153,601	587,274	—	—	740,875	1,498,680	84,500	1,583,180
73316	515,221	101,458	129,505	50,284	281,247	34,586	132,234	—	18,246	185,066	337,452	11,202	348,654
73317	254,583	50,133	63,992	93,988	208,113	17,090	65,340	—	23,532	105,962	166,743	31,134	197,877
73319	2,289,253	450,802	575,425	335,867	1,362,904	153,673	587,549	—	14,829	756,051	1,499,382	144,162	1,643,544
73320	293,539	57,804	73,784	71,232	202,820	19,705	75,338	—	38,602	133,645	192,258	8,565	200,823
73322	336,301	66,225	84,532	111,172	261,929	22,575	86,313	—	33,241	142,129	220,265	52,474	272,739
73323	410,997	80,934	103,308	36,519	220,761	27,589	105,485	—	32,463	165,537	269,189	8,865	278,054
73324	2,060,095	405,676	517,824	46,003	969,503	138,290	528,734	—	358,305	1,025,329	1,349,291	(253,124)	1,096,167
73402	341,133	67,176	85,747	82,403	235,326	22,900	87,554	—	20,944	131,398	223,430	33,084	256,514
73403	554,871	109,266	139,472	146,073	394,811	37,247	142,411	—	19,766	199,424	363,421	72,523	435,944
73404	797,376	157,020	200,428	85,014	442,462	53,526	204,651	—	17,301	275,478	522,254	37,923	560,177
73405	561,330	110,538	141,095	93,773	345,406	37,681	144,068	—	5,152	186,901	367,651	31,159	398,810
73406	194,345	38,271	48,850	78,241	165,362	13,046	49,880	—	24,177	87,103	127,289	23,962	151,251
73501	461,425	90,864	115,983	41,025	247,872	30,975	118,427	—	42,026	191,428	302,217	8,009	310,226
73502	1,639,688	322,889	412,151	73,996	809,036	110,699	420,835	—	21,993	552,897	1,073,939	23,036	1,096,975
73503	749,256	147,544	188,332	81,967	417,843	50,296	192,301	—	16,115	258,712	490,737	23,839	514,576
73504	1,082,458	213,159	272,086	125,925	611,170	72,663	277,819	—	5,536	356,018	708,973	64,832	773,805
73505	2,081,488	409,889	523,201	234,567	1,167,657	139,726	534,225	—	53,214	727,165	1,363,303	65,200	1,428,503
73506	615,833	121,270	154,795	77,375	353,440	41,340	158,057	—	19,576	218,973	403,349	14,440	417,789
73507	725,030	142,774	182,243	70,444	395,461	48,670	186,083	—	43,114	277,867	474,869	2,191	477,060
73600	237,220	46,713	59,627	36,043	142,383	15,924	60,894	—	—	76,808	155,371	18,543	173,914
73601	524,443	103,274	131,824	102,832	337,930	35,205	134,601	—	21,224	191,030	343,492	35,802	379,294
73603	180,056	35,457	45,259	38,622	119,338	12,087	46,212	—	5,429	63,728	117,930	18,247	136,177
73604	253,899	49,998	63,820	41,285	155,103	17,044	65,164	—	5,625	87,833	166,295	12,782	179,077
73605	159,945	31,496	40,204	91,278	162,978	10,737	41,051	—	14,726	66,514	104,758	42,488	147,246
73606	192,398	37,887	48,361	72,780	159,028	12,915	49,380	—	9,834	72,129	128,014	32,116	158,130

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	Total deferred outflows of resources	Differences between expected and actual experience	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense	
73607	\$ 239,504	47,163	60,202	19,454	126,819	16,077	61,470	—	2,656	80,203	156,867	10,048	166,915
73609	232,987	45,880	58,563	64,187	168,630	15,640	59,797	—	1,432	76,869	152,599	30,781	183,380
73610	312,335	61,505	78,508	18,750	158,763	20,966	80,162	—	26,499	127,627	204,568	(8,997)	195,571
73611	391,386	77,072	98,378	42,468	217,918	26,273	100,451	—	41,806	168,530	256,344	14,387	270,731
73612	308,385	60,727	77,515	30,299	168,541	20,701	79,149	—	12,499	112,349	201,981	2,854	204,835
73700	3,393,839	668,318	853,073	531,377	2,052,768	227,822	871,047	—	72,126	1,170,995	2,222,848	216,197	2,439,045
73701	2,673,109	526,391	671,910	742,826	1,941,127	179,441	686,068	—	123,141	988,650	1,750,794	296,867	2,047,661
73702	1,100,865	216,783	276,713	70,907	564,403	73,899	282,543	—	126,123	482,565	721,029	(22,080)	698,949
73703	533,387	105,035	134,072	219,996	459,103	35,805	136,897	—	28,355	201,057	349,350	85,387	434,737
73704	135,365	26,656	34,025	80,064	140,745	9,087	34,742	—	9,944	53,773	88,660	32,697	121,357
73705	2,678,679	527,488	673,310	631,764	1,832,562	179,815	687,497	—	121,366	988,678	1,754,442	197,348	1,951,790
73802	2,349,173	462,601	590,486	319,514	1,372,601	157,696	602,928	—	25,160	785,784	1,538,628	159,928	1,698,556
73803	1,606,649	316,383	403,846	206,856	927,085	107,851	412,355	—	38,367	558,573	1,052,300	104,937	1,157,237
73804	647,467	127,500	162,747	74,232	364,479	43,463	166,176	—	22,644	232,283	424,069	20,524	444,593
73806	728,515	143,460	183,119	114,869	441,448	48,904	186,977	—	1,577	237,458	477,152	34,890	512,042
73807	556,340	109,555	139,841	97,903	347,299	37,346	142,788	—	9,553	189,687	364,384	34,986	399,370
73808	464,975	91,563	116,876	65,636	274,075	31,213	119,338	—	28,482	179,033	304,543	7,906	312,449
73809	499,198	98,303	125,478	167,265	391,046	33,510	128,122	—	14,724	176,356	326,958	77,515	404,473
73810	649,725	127,944	163,314	72,091	383,349	43,615	166,755	—	7,119	217,489	425,547	22,749	448,296
73811	189,317	37,281	47,587	30,261	115,129	12,709	48,589	—	9,686	70,984	123,996	8,680	132,676
73812	20,519	4,041	5,158	6,497	17,696	1,377	5,266	—	1,180	7,823	13,439	2,340	15,779
73900	1,066,606	210,037	268,101	439,357	917,495	71,599	273,750	—	12,627	357,976	698,590	212,319	910,909
73903	1,252,174	246,579	314,745	303,951	865,275	84,056	321,377	—	32,160	437,593	820,131	136,485	956,616
73904	2,058,741	405,409	517,483	417,846	1,340,738	138,199	528,387	—	34,493	701,079	1,348,404	172,850	1,521,254
73905	672,406	132,411	169,015	310,833	612,259	45,137	172,577	—	16,158	233,872	440,403	149,274	589,677
73907	4,783,888	942,048	1,202,474	1,615,409	3,759,931	321,133	1,227,810	—	127,520	1,676,463	3,133,282	775,193	3,908,475
73911	3,681,077	724,881	925,272	1,391,888	3,042,041	247,104	944,768	—	154,376	1,346,248	2,410,978	540,672	2,951,650
73913	4,381,084	862,727	1,101,225	1,141,969	3,105,921	294,094	1,124,428	—	205,015	1,623,537	2,869,459	495,912	3,365,371
73914	1,114,469	219,462	280,132	262,834	762,428	74,812	286,034	—	66,679	427,525	729,939	88,057	817,996
74003	728,706	143,497	183,167	147,188	473,852	48,917	187,026	—	28,711	264,654	477,277	54,496	531,773
74004	649,245	127,850	163,194	6,423	297,467	43,583	166,632	—	71,733	281,948	425,233	(36,986)	388,247
74005	156,939	30,905	39,448	45,931	116,284	10,535	40,279	—	4,546	55,360	102,790	14,271	117,061
74007	234,296	46,138	58,892	45,059	150,089	15,728	60,133	—	10,023	85,884	153,456	23,818	177,274
74008	1,317,537	259,451	331,175	37,824	628,450	88,444	338,153	—	1,560	428,157	862,942	2,025	864,967
74009	652,389	128,469	163,984	14,016	306,469	43,794	167,439	—	20,724	231,957	427,292	(7,442)	419,850
74010	589,001	115,987	148,051	23,709	287,747	39,539	151,170	—	5,788	196,497	385,775	7,649	393,424
74011	203,597	40,092	51,176	29,631	120,899	12,867	52,254	—	3,726	69,647	133,349	7,724	141,073
74012	188,304	37,081	47,332	18,154	102,567	12,640	48,329	—	18,874	79,843	123,333	(1,408)	121,925
74013	225,761	44,457	56,747	81,506	182,710	15,155	57,943	—	3,690	76,788	147,866	37,289	185,155
74015	696,452	137,146	175,060	72,935	385,141	46,752	178,748	—	37,528	263,028	456,152	20,034	476,186
74016	291,136	57,331	73,180	29,959	160,470	19,543	74,721	—	10,471	104,735	190,684	13,583	204,267
74018	187,564	36,935	47,146	41,023	125,104	12,591	48,139	—	10,261	70,991	122,848	12,025	134,873
74019	162,014	31,904	40,724	32,870	105,498	10,876	41,582	—	1,976	54,434	106,114	11,473	117,587
74020	162,155	31,932	40,759	41,948	114,639	10,885	41,618	—	4,898	57,401	106,206	18,061	124,267
74021	346,177	68,170	87,015	18,875	174,060	23,238	88,848	—	1,958	114,044	226,734	5,079	231,813
74101	1,448,185	285,178	364,014	281,667	930,859	97,214	371,684	—	64,063	532,961	948,511	102,847	1,051,358
74103	1,360,223	267,856	341,904	110,105	719,865	91,309	349,108	—	39,014	479,431	890,899	10,141	901,040
74104	852,212	167,818	214,211	110,356	492,385	57,207	218,725	—	59,416	335,348	558,170	40,112	598,282
74105	378,236	74,483	95,073	57,735	227,291	25,390	97,076	—	3,559	126,025	247,731	15,292	263,023
74106	2,192,649	431,779	551,142	21,976	1,004,897	147,188	562,755	—	99,309	809,252	1,436,110	(43,293)	1,392,817
74107	332,740	65,524	83,637	65,655	214,816	22,336	85,400	—	25,835	133,571	217,933	20,015	237,948
74108	452,477	89,102	113,734	52,229	255,065	30,374	116,131	—	27,304	173,809	296,357	25,656	322,013
74109	436,010	85,859	109,595	13,437	208,891	29,269	111,904	—	16,446	157,619	285,571	(4,271)	281,300
74110	88,239	17,376	22,180	1,982	41,538	5,923	22,647	—	9,061	37,631	57,793	(3,203)	54,590
74111	5,790,229	1,140,217	1,455,427	1,219,068	3,814,712	388,667	1,486,093	—	102,875	1,977,655	3,792,401	539,558	4,331,959
74112	471,179	92,785	118,435	202,909	414,129	31,629	120,931	—	48,515	201,075	308,606	74,414	383,020
74208	877,014	172,702	220,446	220,175	613,323	58,872	225,090	—	50,878	334,840	574,414	60,173	634,587
74210	357,434	70,386	89,844	49,544	209,774	23,994	91,737	—	31,672	147,403	234,107	11,480	245,587
74212	1,712,653	337,257	430,491	113,736	881,484	114,967	439,561	—	5,847	560,375	1,121,729	(2,711)	1,119,018
74214	1,024,739	201,792	257,577	240,979	700,348	68,789	263,005	—	14,150	345,944	671,169	130,960	802,129
74215	1,236,850	243,562	310,894	323,922	878,378	83,027	317,444	—	23,958	424,429	810,094	131,745	941,839
74300	513,428	101,105	129,055	18,638	248,798	34,465	131,774	—	20,076	186,315	336,278	(4,205)	332,073
74302	566,296	111,516	142,344	59,797	313,657	38,014	145,343	—	2,274	185,631	370,905	31,127	402,032
74304	102,407	20,166	25,741	19,863	65,770	6,874	26,283	—	21,689	54,846	67,073	(3,742)	63,331

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
74305	\$ 257,557	50,718	64,739	53,540	168,997	17,289	66,103	—	7,768	91,160	168,691	25,818	194,509
74306	267,888	52,753	67,336	4,025	124,114	17,983	68,755	—	21,704	108,442	175,457	(10,850)	164,607
74307	902,793	177,779	226,925	145,696	550,400	60,603	231,707	—	6,167	298,477	591,299	69,258	660,557
74400	275,321	54,216	69,204	8,303	131,723	18,482	70,662	—	13,884	103,028	180,325	(4,937)	175,388
74401	615,233	121,152	154,644	41,075	316,871	41,299	157,903	—	5,326	204,528	402,957	10,176	413,133
74501	252,440	49,711	63,453	21,394	134,558	16,946	64,790	—	21,060	102,796	165,339	(6,877)	158,462
74502	487,199	95,940	122,462	143,262	361,664	32,705	125,042	—	29,497	187,244	319,099	74,089	393,188
74505	643,259	126,671	161,689	65,896	354,256	43,181	165,096	—	27,390	235,667	421,313	15,751	437,064
74506	451,809	88,971	113,566	102,609	305,146	30,329	115,959	—	4,429	150,717	295,919	44,692	340,611
74600	366,682	72,207	92,169	21,267	185,643	24,615	94,111	—	14,974	133,700	240,164	9,084	249,248
74603	569,392	112,125	143,122	28,663	283,910	38,222	146,137	—	13,884	198,243	372,932	1,552	374,484
74605	237,434	46,756	59,681	23,145	129,582	15,939	60,939	—	3,412	80,290	155,511	2,829	158,340
74607	125,743	24,761	31,607	20,570	76,938	8,441	32,273	—	9,004	49,718	82,357	5,316	87,673
74608	502,118	98,878	126,212	143,396	368,486	33,706	128,871	—	35,219	197,796	328,870	55,724	384,594
74612	591,406	116,460	148,655	207,092	472,207	39,700	151,787	—	21,821	213,308	387,351	96,815	484,166
74613	242,451	47,744	60,942	44,581	153,267	16,275	62,226	—	18,885	97,386	158,797	5,696	164,493
74614	125,293	24,673	31,494	10,980	67,147	8,411	32,157	—	9,912	50,480	82,063	(2,119)	79,944
74617	263,745	51,937	66,295	42,367	160,599	17,705	67,692	—	20,128	105,525	172,744	6,790	179,534
74618	227,464	44,792	57,175	21,550	123,517	15,269	58,380	—	12,746	86,395	148,981	5,178	154,159
74700	3,367,603	663,152	846,478	1,112,826	2,622,456	226,061	864,313	—	107,672	1,198,046	2,205,664	489,728	2,695,392
74701	295,931	58,275	74,385	26,999	159,659	19,865	75,952	—	19,466	115,283	193,824	3,320	197,144
74702	912,245	179,640	229,301	77,752	486,693	61,237	234,132	—	62,545	357,914	597,489	(14,404)	583,085
74704	877,496	172,797	220,567	248,694	642,058	58,905	225,214	—	4,500	288,619	574,729	93,646	668,375
74705	89,796	17,683	22,571	23,399	63,653	6,028	23,047	—	12,414	41,489	58,814	10,230	69,044
74706	5,569,448	1,096,741	1,399,932	1,891,380	4,388,053	373,867	1,429,428	—	279,397	2,082,692	3,647,797	849,061	4,496,858
74707	1,797,474	353,960	451,812	150,559	956,331	120,661	461,331	—	14,931	596,923	1,177,284	46,453	1,223,737
74708	2,934,197	577,805	737,537	1,801,177	3,116,519	196,967	753,077	—	367,785	1,317,829	1,921,798	867,585	2,789,383
74709	2,934,124	577,790	737,519	359,900	1,675,209	196,962	753,058	—	93,402	1,043,422	1,921,750	192,892	2,114,642
74710	1,343,727	264,608	337,758	372,266	974,632	90,202	344,874	—	49,803	484,879	880,095	156,595	1,036,690
74712	1,785,667	351,635	448,844	224,589	1,025,068	119,868	458,301	—	—	578,169	1,169,550	87,285	1,256,835
74713	2,036,634	401,056	511,927	737,161	1,650,144	136,715	522,713	—	137,871	797,299	1,333,925	302,317	1,636,242
74714	2,110,342	415,571	530,454	528,857	1,474,882	141,863	541,630	—	13,851	697,144	1,382,202	262,337	1,644,539
74715	3,140,406	618,412	789,370	727,796	2,135,578	210,810	806,002	—	37,528	1,054,340	2,056,857	327,673	2,384,530
74716	2,541,852	500,544	638,918	583,658	1,723,120	170,830	652,380	—	169,177	992,187	1,664,826	215,428	1,880,254
74717	1,964,657	386,882	493,834	606,188	1,486,904	131,884	504,239	—	104,120	740,243	1,286,782	274,842	1,561,624
74718	3,168,399	623,924	796,406	702,567	2,122,897	212,689	813,186	—	29,330	1,055,205	2,075,192	246,274	2,321,466
74719	8,567,745	1,687,168	2,153,581	757,115	4,597,864	575,137	2,198,957	—	142,871	2,916,965	5,611,578	276,254	5,887,832
74721	2,342,083	461,205	588,704	264,668	1,314,577	157,220	601,108	—	23,880	782,208	1,533,984	128,680	1,662,664
74722	1,933,658	380,778	486,043	670,862	1,537,683	129,803	496,284	—	147,304	773,391	1,266,480	267,427	1,533,907
74724	2,533,806	498,959	636,895	424,785	1,560,639	170,090	650,315	—	24,203	844,608	1,659,555	198,343	1,857,898
74726	1,624,579	319,914	408,353	489,529	1,217,796	109,055	416,957	—	107,754	633,766	1,064,043	184,363	1,248,406
74727	725,973	142,959	182,480	95,278	420,717	48,733	186,325	—	48,130	283,188	475,487	23,980	499,467
74728	1,559,277	307,054	391,938	215,045	914,037	104,671	400,197	—	15,845	520,713	1,021,273	90,708	1,111,981
74729	2,355,413	463,830	592,055	427,105	1,482,990	158,114	604,529	—	35,982	798,625	1,542,714	189,639	1,732,353
74731	2,335,848	459,977	587,137	589,604	1,636,718	156,801	599,508	—	71,643	827,952	1,529,900	219,530	1,749,430
74732	1,646,940	324,317	413,973	328,761	1,067,051	110,556	422,696	—	90,592	623,844	1,078,689	102,542	1,181,231
74734	1,638,882	322,730	411,948	200,095	934,773	110,015	420,628	—	40,325	570,968	1,073,411	79,044	1,152,455
74736	749,098	147,513	188,293	54,219	390,025	50,286	192,260	—	55,602	298,148	490,633	864	491,497
74741	247,063	48,652	62,102	12,978	123,732	16,585	63,410	—	25,953	105,948	161,818	(12,905)	148,913
74744	1,109,566	218,497	278,900	84,201	581,598	74,483	284,776	—	5,942	365,201	761,728	20,566	747,294
74746	2,809,082	553,167	706,088	615,801	1,875,056	188,568	720,966	—	146,813	1,056,347	1,839,852	229,407	2,069,259
74748	1,278,875	251,837	321,457	128,452	701,746	85,848	328,230	—	59,280	473,358	837,619	25,856	863,475
74749	3,291,161	648,098	827,263	359,383	1,834,744	220,929	844,694	—	73,870	1,139,493	2,155,597	134,061	2,289,658
74751	1,654,626	325,830	415,905	100,713	842,448	111,072	424,668	—	—	535,740	1,083,723	75,508	1,159,231
74752	5,937,555	1,169,229	1,492,459	1,235,675	3,897,363	398,577	1,523,905	—	422,673	2,345,155	3,888,894	330,820	4,219,714
74753	260,817	51,360	65,569	32,838	149,757	17,508	66,940	—	10,123	94,571	170,826	11,164	181,990
74755	6,047,358	1,190,851	1,520,059	1,362,126	4,073,036	405,948	1,552,086	—	76,338	2,034,372	3,960,811	685,581	4,646,392
74756	1,386,780	273,086	348,580	130,595	752,261	93,092	355,924	—	25,960	474,976	908,293	45,362	953,655
74757	1,408,220	277,308	353,969	391,794	1,023,071	94,531	361,427	—	53,885	509,843	922,336	170,084	1,092,420
74758	3,723,070	733,150	935,828	485,430	2,154,408	249,923	955,546	—	44,565	1,250,034	2,438,482	241,512	2,679,994
74759	961,287	189,298	241,628	549,592	980,518	64,529	246,719	—	116,064	427,312	629,610	21,521	671,131
74760	4,422,095	870,803	1,111,534	1,080,019	3,062,356	296,847	1,134,954	—	104,684	1,536,485	2,896,320	534,878	3,431,198
74761	1,851,784	364,655	465,463	48,046	878,164	124,307	475,270	—	6,442	606,019	1,212,855	2,649	1,215,504
74762	7,035,694	1,385,475	1,768,486	1,211,167	4,365,128	472,293	1,805,748	—	377,398	2,655,439	4,608,137	406,269	5,014,406

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
74763	\$ 327,749	64,541	82,383	17,441	164,365	22,001	84,119	—	18,852	124,972	214,664	(8,617)	206,047
74764	5,265,355	1,036,858	1,323,495	581,376	2,941,729	353,453	1,351,381	—	1,797	1,706,631	3,448,626	269,078	3,717,704
74768	3,355,280	660,725	843,380	713,556	2,217,661	225,234	861,150	—	155,663	1,242,047	2,197,593	286,677	2,484,270
74769	302,291	59,528	75,984	21,548	157,060	20,292	77,585	—	31,250	129,127	197,990	(8,977)	189,013
74770	4,691,205	923,796	1,179,177	1,543,585	3,646,558	314,912	1,204,022	—	224,267	1,743,201	3,072,577	656,476	3,729,053
74771	1,178,209	232,014	296,154	192,336	720,504	79,091	302,393	—	67,808	449,292	771,686	66,282	837,948
74772	4,301,773	847,109	1,081,290	1,100,837	3,029,236	288,770	1,104,073	—	45,762	1,438,605	2,817,513	487,702	3,305,215
74773	758,533	149,371	190,664	145,794	485,829	50,919	194,681	—	15,054	260,654	496,813	53,784	550,597
74774	253,922	50,003	63,826	38,225	152,054	17,045	65,170	—	21,050	103,265	166,310	115	166,425
74776	659,463	129,862	169,762	56,738	352,362	44,269	169,255	—	23,740	237,264	431,926	7,872	439,798
74779	120,666	23,762	30,331	45,322	99,415	8,100	30,970	—	7,294	46,364	79,032	18,605	97,637
74780	586,624	115,519	147,453	180,105	443,077	39,379	150,560	—	40,367	230,306	384,219	65,319	449,538
74781	1,320,355	260,005	331,883	223,910	815,798	88,633	338,876	—	25,140	452,649	864,787	59,340	924,127
74782	290,449	57,196	73,007	67,727	197,930	19,497	74,545	—	14,586	108,628	190,234	26,739	216,973
74783	200,141	39,412	50,307	62,857	152,576	13,435	51,367	—	4,862	69,664	131,086	24,575	155,561
74784	116,121	22,867	29,188	95,543	147,598	7,795	29,803	—	16,062	53,660	76,055	40,144	116,199
74787	53,131	10,463	13,355	11,087	34,905	3,567	13,636	—	7,692	24,895	34,799	2,606	37,405
74791	20,564	4,049	5,169	4,346	13,564	1,380	5,278	—	2,748	9,406	13,469	(655)	12,814
74801	260,608	51,319	65,506	21,509	138,334	17,494	66,886	—	8,068	92,448	170,689	7,871	178,560
74803	393,750	77,538	98,973	14,464	190,975	26,432	101,058	—	29,554	157,044	257,893	(10,047)	247,846
74806	1,629,656	320,913	409,629	224,397	954,939	109,396	418,260	—	40,174	567,830	1,067,368	85,518	1,152,886
74807	784,568	159,208	197,208	40,858	392,564	52,667	201,363	—	51,328	305,358	513,865	(20,183)	493,682
74810	175,503	34,560	44,114	14,319	92,993	11,781	45,044	—	31,060	87,885	114,948	1,155	116,103
74811	659,719	129,912	165,826	37,675	333,413	44,286	169,320	—	19,500	233,106	432,093	4,846	436,939
74812	621,802	122,446	156,296	83,005	361,747	41,740	159,589	—	50,580	251,909	407,259	31,486	438,745
74813	640,614	126,150	161,024	124,872	412,046	43,003	164,417	—	7,495	214,915	419,580	52,118	471,698
74902	482,570	95,028	121,298	128,119	344,445	32,394	123,854	—	22,178	178,426	316,066	47,072	363,138
74904	401,282	79,021	100,866	49,943	229,830	26,937	102,991	—	29,752	159,680	262,826	11,737	274,563
74905	1,055,028	207,757	265,191	45,632	518,580	70,822	270,778	—	50,360	391,960	691,007	(20,131)	670,876
74906	450,797	88,771	113,312	90,297	292,380	30,261	115,700	—	28,252	174,213	295,257	324,278	324,278
74907	360,703	71,030	90,666	43,719	205,415	24,213	92,576	—	18,623	135,412	236,248	5,751	241,999
74908	450,143	88,643	113,148	52,678	254,469	30,217	115,532	—	5,921	151,670	294,828	8,857	303,685
75000	598,061	117,771	150,328	109,499	377,598	40,147	153,495	—	11,837	205,479	391,709	21,101	412,810
75002	967,117	190,445	243,094	43,781	477,320	64,921	248,216	—	41,631	354,768	633,428	(8,581)	624,847
75003	343,116	67,567	86,245	56,615	210,427	23,033	88,063	—	18,190	129,286	224,729	14,468	239,197
75005	660,867	130,139	166,115	15,983	312,237	44,363	169,615	—	12,192	226,170	432,845	4,498	437,343
75006	492,113	96,907	123,697	46,365	266,969	33,035	126,304	—	11,193	170,532	322,317	1,561	323,878
75100	1,076,845	212,053	270,675	265,061	747,789	72,287	276,378	—	6,052	354,717	705,296	133,184	838,480
75102	1,123,771	221,294	282,470	180,743	684,507	75,437	288,422	—	24,879	388,738	736,031	82,584	818,615
75103	1,525,520	300,407	383,453	352,913	1,036,773	102,405	391,533	—	13,152	507,090	999,163	162,521	1,161,684
75106	879,275	173,148	221,014	141,915	536,077	59,024	225,671	—	39,995	324,690	575,895	42,567	618,462
75107	989,046	194,764	248,606	164,144	607,514	66,393	253,844	—	12,967	333,204	647,791	76,166	723,957
75109	1,244,232	245,015	312,749	291,384	849,148	83,523	319,339	—	34,542	437,404	814,929	128,530	943,459
75110	980,321	193,046	246,413	149,477	588,936	65,807	251,605	—	2,049	319,461	642,077	68,377	710,454
75111	1,083,507	213,365	272,349	209,864	695,578	72,734	278,088	—	33,886	384,708	709,660	66,073	775,733
75202	190,801	37,573	47,960	63,849	149,382	12,808	48,970	—	1,841	63,619	124,968	33,517	158,485
75203	289,011	56,912	72,646	35,887	165,445	19,401	74,176	—	7,821	101,398	189,292	9,085	198,377
75205	180,136	35,473	45,279	60,089	140,841	12,092	46,233	—	7,992	66,317	117,983	22,216	140,199
75206	1,311,226	258,208	329,589	108,723	696,520	88,020	336,533	—	46,826	471,379	858,808	26,221	885,029
75207	99,399	19,574	24,985	38,225	82,784	6,672	10,304	—	10,304	42,487	65,103	12,365	77,468
75209	499,322	98,327	125,509	51,484	275,320	33,519	128,154	—	16,612	178,285	327,039	16,006	343,045
75210	341,047	67,159	85,725	60,080	212,964	22,894	87,531	—	6,345	116,770	223,374	21,967	245,341
75302	141,207	27,807	35,494	17,955	81,256	9,479	36,242	—	12,159	57,880	92,486	48	92,534
75304	1,153,374	227,123	289,911	123,028	640,062	77,424	296,020	—	3,654	377,098	755,420	45,258	800,678
75305	430,664	84,807	108,251	51,007	244,065	28,910	110,532	—	11,300	150,742	282,070	16,816	298,886
75306	391,483	77,091	98,403	75,061	250,555	26,280	100,476	—	—	126,756	256,408	37,076	293,484
75307	267,482	52,673	67,234	69,840	189,747	17,956	68,651	—	15,598	102,205	175,191	24,872	200,063



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
75309	\$ 275,366	54,225	69,216	36,064	159,505	18,485	70,674	—	3,759	92,918	180,355	17,458	197,813
75310	201,111	39,603	50,551	146,331	56,177	146,331	51,616	—	5,947	71,063	131,721	27,714	159,435
75311	547,931	107,899	137,728	109,922	355,549	36,782	140,629	—	8,064	185,475	358,876	41,926	400,802
75312	447,377	88,098	112,452	38,082	238,632	30,032	114,822	—	9,307	154,161	293,017	(588)	292,429
75313	399,000	78,571	100,292	108,062	286,925	26,784	102,405	—	15,295	144,484	261,331	45,399	306,730
75314	8,309	1,636	2,089	9,174	12,999	558	2,133	—	2,931	5,622	5,442	4,428	9,870
75403	369,295	72,722	92,826	104,732	270,280	24,790	94,781	—	13,971	133,542	241,875	39,117	280,992
75404	1,276,091	251,289	320,757	357,407	929,453	85,662	327,516	—	50,674	463,852	835,796	161,872	997,668
75407	598,021	117,763	150,318	59,800	327,881	40,144	153,485	—	31,118	224,747	391,683	5,757	397,440
75408	524,874	103,359	131,932	73,022	308,313	35,234	134,712	—	6,478	176,424	343,774	31,960	375,734
75410	1,010,283	198,946	253,944	268,704	721,594	67,818	259,294	—	16,582	343,694	661,700	100,335	762,035
75411	434,502	85,563	109,216	67,180	261,959	29,167	111,517	—	5,570	146,254	284,584	30,273	314,857
75412	883,425	173,965	222,057	75,441	471,463	59,303	226,736	—	5,832	291,871	578,613	43,487	622,100
75413	491,378	96,763	123,512	146,973	367,248	32,985	126,115	—	34,788	193,888	321,836	47,703	369,539
75414	605,884	119,311	152,294	46,507	318,112	40,672	155,503	—	16,081	212,256	396,833	22,877	419,710
75415	496,172	97,707	124,717	26,724	249,148	33,307	127,345	—	44,969	205,621	324,976	(20,448)	304,528
75416	424,963	83,684	106,818	24,508	215,010	28,527	109,069	—	4,427	142,023	278,336	4,228	282,564
75500	2,322,308	457,311	583,733	72,240	1,113,284	155,892	596,033	—	109,434	861,359	1,521,032	(29,128)	1,491,904
75501	1,808,711	356,173	454,636	129,428	940,237	121,415	464,215	—	17,561	603,191	1,184,643	31,687	1,216,330
75502	1,063,960	209,516	267,436	127,819	604,771	71,422	273,071	—	11,884	356,377	696,857	38,292	735,149
75503	506,114	99,665	127,216	125,756	352,637	33,975	129,897	—	16,977	180,849	331,488	65,574	397,062
75504	806,506	158,818	202,723	93,197	454,738	54,139	206,994	—	37,081	298,214	528,234	34,446	562,680
75506	1,050,627	206,890	264,085	228,697	699,672	70,527	269,649	—	41,541	381,717	688,124	111,108	799,232
75508	3,056,540	601,897	768,289	35,865	1,406,051	205,180	784,477	—	106,950	1,096,607	2,001,928	(32,373)	1,969,555
75510	625,385	123,151	157,196	193,114	473,461	41,981	160,508	—	34,308	236,797	409,606	96,074	505,680
75511	664,555	130,865	167,042	201,645	499,552	44,610	170,562	—	48,931	264,103	435,261	76,881	512,142
75512	648,320	127,668	162,961	90,650	381,279	43,521	166,395	—	12,855	222,771	424,627	49,700	474,327
75513	799,935	157,524	201,071	211,140	569,735	53,698	205,308	—	84,649	343,655	523,930	49,079	573,009
75514	712,799	140,365	179,168	42,514	362,047	47,849	182,944	—	42,678	273,471	466,859	(14,020)	452,839
75515	1,797,925	354,049	451,925	307,708	1,113,682	120,691	461,447	—	40,177	622,315	1,177,579	137,878	1,315,457
75516	1,437,643	283,102	361,365	198,027	842,494	96,506	368,979	—	87,527	553,012	941,606	34,790	976,396
75518	4,210,608	829,157	1,058,375	1,307,845	3,195,377	282,550	1,080,675	—	195,981	1,559,306	2,757,803	536,154	3,293,957
75519	1,599,412	314,958	402,027	314,644	1,031,629	107,366	410,497	—	15,088	532,951	1,047,559	160,675	1,208,234
75520	1,205,474	237,383	303,007	364,268	904,658	80,921	309,391	—	11,114	401,426	789,544	174,051	963,595
75521	1,230,324	242,276	309,253	121,564	673,093	82,589	315,769	—	15,533	413,891	805,820	44,110	849,930
75523	1,353,128	266,459	340,121	93,541	700,121	90,833	347,287	—	22,648	460,768	886,252	40,297	926,549
75530	525,733	103,528	132,148	32,713	268,389	35,291	134,932	—	8,713	178,936	344,337	5,690	350,027
75532	1,203,215	236,938	302,439	122,564	661,941	80,770	308,811	—	54,277	443,858	788,064	17,785	805,849
75533	1,033,040	203,427	259,664	55,583	518,674	69,346	265,135	—	23,770	358,251	676,606	(493)	676,113
75535	1,503,484	296,067	377,914	90,486	764,467	100,926	385,877	—	13,791	500,594	984,730	24,536	1,009,266
75536	2,203,333	433,882	553,828	830,454	1,818,164	147,906	565,497	—	64,370	777,773	1,443,107	374,377	1,817,484
75537	1,716,439	338,003	431,443	309,346	1,078,792	115,221	440,533	—	51,750	607,504	1,124,209	137,346	1,261,555
75538	1,096,315	215,887	275,569	272,460	763,916	73,594	281,375	—	4,567	359,636	718,048	122,187	840,235
75544	2,497,077	491,727	627,663	659,227	1,778,617	167,624	640,888	—	215,444	1,023,956	1,635,499	205,624	1,841,123
75545	3,428,070	675,059	861,677	295,509	1,832,245	230,120	879,832	—	163,936	1,273,888	2,245,268	83,063	2,328,331
75546	740,105	146,032	186,032	181,446	513,220	49,882	189,952	—	44,219	283,853	484,743	65,516	550,259
75547	986,042	194,172	247,851	66,366	508,389	66,191	253,073	—	25,901	345,165	645,823	22,377	668,200
75549	2,533,137	498,828	636,727	398,314	1,533,869	170,045	650,143	—	11,373	831,561	1,659,117	224,723	1,883,840
75550	3,472,678	683,843	872,889	731,241	2,287,973	233,114	891,281	—	87,001	1,211,396	2,274,484	313,999	2,588,483
75551	523,750	103,137	131,649	45,812	280,598	35,158	134,423	—	100,048	269,629	343,038	(43,032)	300,006
75553	903,313	177,881	227,056	109,372	514,309	60,638	231,840	—	175,480	467,958	591,639	(86,687)	504,952
75554	445,611	87,750	112,008	59,829	259,587	29,913	114,368	—	48,194	192,475	291,860	(8,056)	283,804
75555	1,434,609	282,504	360,602	246,199	889,305	96,303	368,200	—	86,405	550,908	939,619	117,542	1,057,161
75556	598,736	117,904	150,498	—	268,402	40,192	153,669	—	122,887	316,748	392,151	(77,664)	314,487
75557	2,475,131	487,405	622,147	348,543	1,458,095	166,151	635,255	—	112,300	913,706	1,621,125	134,381	1,755,506
75558	753,728	148,425	189,456	73,206	411,087	50,596	193,448	—	223,950	467,994	493,666	(80,789)	412,877
75561	227,673	44,834	57,228	12,846	114,908	15,283	58,434	—	35,340	109,057	149,118	(6,023)	143,095
75601	338,228	66,604	85,017	23,153	174,774	22,705	86,800	—	41,770	151,283	221,528	(13,825)	207,703
75603	98,427	19,382	24,740	8,364	52,486	6,607	25,262	—	4,082	35,951	64,466	840	65,306
75605	496,067	97,686	124,691	109,002	331,379	33,300	127,318	—	8,329	168,947	324,907	52,541	377,448
75606	583,639	114,931	146,703	20,420	282,054	39,179	149,794	—	53,549	242,522	382,263	(33,894)	348,369
75607	254,897	50,194	64,071	53,544	167,809	17,111	65,421	—	3,978	86,510	166,949	19,016	185,965

NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

New York State and Local Employees' Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
75608	\$ 963,352	189,704	242,147	75,796	507,647	64,668	247,249	—	21,183	333,100	630,963	44,649	675,612
75701	481,427	94,803	121,011	64,716	280,530	32,317	123,561	—	20,849	176,727	315,318	38,949	354,267
75703	836,863	164,796	210,353	232,704	607,853	56,177	214,785	—	42,134	313,096	548,116	95,118	643,234
75704	816,624	160,810	205,266	129,850	495,926	54,818	209,591	—	23,572	287,981	534,861	59,116	593,977
75705	414,512	81,626	104,191	59,956	245,773	27,825	106,387	—	36,656	170,868	271,491	3,028	274,519
75706	228,670	45,030	57,478	36,011	138,519	15,350	58,689	—	3,731	77,770	149,771	8,170	157,941
75708	162,382	31,977	40,816	10,243	83,036	10,900	41,676	—	10,502	63,078	106,355	(3,578)	102,777
75709	36,127	7,114	9,081	18,659	34,854	2,425	9,272	—	2,054	13,751	23,662	7,130	30,792
75710	214,900	42,318	54,017	76,802	173,137	14,426	55,155	—	5,181	74,762	140,752	19,683	160,435
75711	1,431,399	281,872	359,795	155,794	797,461	96,087	367,376	—	52,899	516,362	937,517	12,012	949,529
75712	547,394	107,793	137,592	61,470	306,855	36,746	140,492	—	—	177,238	358,524	28,587	387,111
77002	780,146	153,627	196,097	71,072	420,796	52,370	200,228	—	134,376	386,974	510,968	(50,100)	460,868
77003	28,748	5,661	7,226	2,957	15,844	1,930	7,378	—	3,870	13,178	18,829	(1,022)	17,807
77004	—	—	—	—	—	—	—	—	7,645	7,645	—	(13,458)	(13,458)
77005	140,988	27,763	35,439	63,468	126,670	9,464	36,185	—	38,915	84,564	92,342	(1,060)	91,282
77006	—	—	—	—	—	—	—	—	19,723	19,723	—	(17,376)	(17,376)
77007	93,217	18,356	23,431	20,734	62,521	6,257	23,925	—	29,864	60,046	61,054	(9,848)	51,206
77008	115,654	22,775	29,071	16,428	68,274	7,764	29,683	—	14,198	51,645	75,749	(8,792)	66,957
STATE	3,049,630,502	600,536,036	766,552,462	29,002,310	1,396,090,808	204,716,016	782,703,866	—	126,446,917	1,113,866,799	1,997,402,943	(21,329,911)	1,976,073,032
Total	\$ 7,085,304,242	1,395,244,606	1,780,955,909	428,631,159	3,604,831,674	475,623,223	1,818,480,800	—	428,631,159	2,722,735,182	4,640,630,163	—	4,640,630,163

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

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Total pension expense
02881	\$ 186,716	45,358	67,839	42,263	155,460	19,935	37,395	—	219,851	277,181	122,733	(42,397)	80,336
02885	327,555	79,572	119,010	92,060	290,642	34,972	65,601	—	240,638	341,211	215,310	(40,492)	174,818
10026	598,319	145,348	217,385	104,289	467,022	63,880	119,829	—	44,813	228,522	393,289	14,900	408,189
10028	145,252,301	35,285,803	52,774,036	27,536,507	115,596,346	15,508,081	29,090,491	—	3,774,033	48,372,605	95,477,650	8,469,676	103,947,326
10047	160,627,691	39,020,911	58,360,325	48,294,323	145,675,559	17,149,658	32,169,807	—	1,622,727	50,942,192	105,584,244	14,496,549	120,080,793
10055	16,911,493	4,108,270	6,144,397	4,063,232	14,315,899	1,805,581	3,386,959	—	970,875	6,163,415	11,116,310	1,355,745	12,472,055
20001	23,301,087	5,660,479	8,465,907	254,131	14,380,517	2,487,776	4,666,639	—	3,451,078	10,605,493	15,316,336	(1,167,126)	14,149,210
20002	2,166,484	526,299	787,141	84,508	1,397,948	231,308	433,894	—	121,761	786,963	1,424,079	(9,884)	1,414,195
20003	5,112,486	1,241,964	1,857,503	8,098	3,107,565	545,842	1,023,906	—	787,448	2,357,196	3,829,554	(252,468)	3,108,086
20004	2,783,724	676,244	1,011,401	155,087	1,842,732	297,208	557,512	—	622,727	1,477,447	1,829,805	(157,150)	1,672,655
20005	1,899,185	461,365	690,024	7,326	1,158,715	202,769	380,360	—	260,433	843,562	1,248,377	(85,335)	1,163,042
20006	9,748,996	2,368,301	3,542,070	302,176	6,212,547	1,040,866	1,952,486	—	949,849	3,943,201	6,408,238	(225,495)	6,182,743
20007	56,401,167	13,701,404	20,492,049	4,750,155	38,943,608	6,021,756	11,295,777	—	1,632,991	18,950,524	37,073,773	1,740,787	38,814,560
20008	1,270,827	308,719	461,725	21,182	791,626	135,682	254,516	—	138,012	528,210	835,343	(46,049)	789,294
20009	2,258,213	548,582	820,469	223,731	1,592,782	241,101	452,265	—	15,333	708,699	1,484,375	89,464	1,573,839
20010	1,555,903	377,972	565,301	34,065	977,338	166,118	311,609	—	270,235	747,962	1,022,730	(77,317)	945,413
20011	2,777,892	674,827	1,009,282	2,256	1,686,365	296,586	556,344	—	241,422	1,094,352	1,825,972	(90,336)	1,735,636
20012	2,220,466	539,413	806,755	12,891	1,359,059	237,071	444,705	—	156,999	838,775	1,459,563	(40,967)	1,418,596
20013	4,664,651	1,133,173	1,694,792	31,085	2,859,050	498,029	934,216	—	673,284	2,105,529	3,066,182	(209,439)	2,856,743
20014	2,771,767	673,339	1,007,057	122,572	1,802,968	295,932	555,117	—	167,258	1,018,307	1,821,945	286	1,822,231
20015	2,266,241	550,533	823,386	1,085	1,375,004	241,959	453,873	—	580,029	1,275,861	1,489,652	(207,371)	1,282,281
20016	4,053,598	984,731	1,472,780	71,681	2,529,192	432,789	811,837	—	282,334	1,526,960	2,864,523	(90,333)	2,574,190
20017	2,204,729	535,590	801,037	50,848	1,387,475	235,391	441,553	—	316,147	993,091	1,449,219	(114,279)	1,334,940
20018	2,305,881	560,162	837,788	113,964	1,511,914	246,191	461,812	—	576,327	1,284,330	1,515,708	(148,451)	1,367,257
20019	1,539,126	373,896	559,205	53,897	986,998	164,327	308,249	—	179,696	652,272	1,011,702	(45,342)	966,360
20020	1,046,730	254,280	380,305	29,618	664,203	111,756	209,635	—	144,315	465,706	688,040	(43,388)	644,652
20021	5,340,113	1,297,261	1,940,206	19,073	3,256,540	570,145	1,069,494	—	381,258	2,020,897	3,510,178	(105,339)	3,404,839
20022	4,263,345	1,035,685	1,548,987	7,298	2,591,970	455,182	853,844	—	496,201	1,805,227	2,802,394	(148,565)	2,653,829
20023	1,463,739	355,583	531,816	98,296	985,695	156,278	293,151	—	105,751	555,180	962,149	13,088	975,237
20024	4,234,875	1,028,768	1,538,643	297,959	2,865,370	452,143	848,142	—	130,380	1,430,665	2,828,680	44,927	2,828,607
20025	3,735,942	907,564	1,357,367	123,762	2,388,693	398,873	748,218	—	370,432	1,517,523	2,455,720	(75,001)	2,380,719
20026	845,681	205,439	307,259	37,018	549,716	90,290	169,369	—	267,589	527,248	555,886	(88,743)	467,143
20027	5,644,492	1,371,203	2,050,794	850,937	4,272,934	602,643	1,130,454	—	372,473	2,456,570	3,710,253	112,416	3,822,669
20028	3,421,527	831,184	1,243,132	97,764	2,172,080	365,304	685,248	—	152,033	1,202,585	2,249,048	(33,022)	2,216,026
20029	546,082	132,658	198,406	57,273	388,337	58,303	109,367	—	235,332	403,002	568,952	(62,761)	296,191
20030	5,097,594	1,238,347	1,852,092	158,106	3,248,545	544,252	1,020,924	—	1,097,564	2,662,740	3,350,765	(397,291)	2,953,474
20031	15,447,415	3,752,605	5,612,458	711,135	10,076,198	1,649,267	3,093,740	—	1,118,395	5,861,402	10,153,938	(260,215)	9,893,723
20032	6,374,111	1,548,448	2,315,885	143,984	4,008,317	680,542	1,276,579	—	1,424,405	3,381,526	4,189,849	(403,956)	3,785,893
20033	16,568,756	4,025,009	6,019,871	2,869,481	12,914,361	1,768,988	3,318,317	—	75,652	5,162,957	10,891,021	1,095,669	11,986,690
20035	12,618,999	3,065,504	4,584,819	521,382	8,171,705	1,347,286	2,527,278	—	1,603,072	5,477,636	8,294,756	(348,797)	7,945,959
20036	4,320,965	1,049,682	1,569,922	3,357	2,622,961	461,334	865,384	—	550,846	1,877,564	2,840,269	(190,848)	2,649,421
20037	1,407,819	341,998	511,498	26,465	879,961	150,308	281,952	—	375,908	808,168	925,391	(123,021)	802,370
20038	1,758,301	427,140	638,838	29,851	1,095,829	187,728	352,145	—	219,167	759,040	1,155,771	(54,152)	1,101,619
20039	2,008,901	488,018	729,887	100,120	1,318,025	214,483	402,334	—	38,102	654,919	1,320,496	44,772	1,365,268
20040	1,671,094	405,955	607,153	—	1,013,108	178,417	334,679	—	268,130	781,226	1,098,448	(96,778)	1,001,670
20041	1,732,906	420,971	629,611	—	1,050,582	185,016	347,059	—	387,384	919,459	1,139,079	(146,005)	993,074
20042	3,142,381	763,371	1,141,711	—	1,905,082	335,501	629,342	—	894,853	1,859,696	2,065,559	(300,349)	1,765,210
20043	2,549,479	619,339	926,294	26,507	1,572,140	272,199	510,598	—	287,708	1,070,505	1,675,830	(85,458)	1,590,372
20044	1,437,736	349,266	522,368	70,833	942,467	153,502	287,943	—	41,924	483,369	945,056	22,958	968,014
20045	6,003,952	1,458,526	2,181,396	592,720	4,232,642	641,021	1,202,445	—	124,525	1,967,991	3,946,534	106,076	4,052,610
20046	1,775,652	431,355	645,142	15,656	1,092,153	189,580	355,620	—	522,683	1,067,883	1,167,176	(185,895)	981,281
20047	4,849,933	1,178,183	1,762,110	257,023	3,197,316	517,810	971,323	—	181,987	1,671,120	3,187,972	11,199	3,199,171
20048	1,116,205	271,157	405,547	52,640	729,344	119,173	223,549	—	436,545	779,267	733,707	(121,182)	612,525
20049	5,781,277	1,404,432	2,100,492	61,406	3,566,330	617,247	1,157,849	—	1,047,788	2,822,884	3,800,165	(320,940)	3,479,225
20050	14,612,938	3,549,887	5,309,270	376,760	9,235,917	1,560,172	2,926,615	—	2,770,590	7,257,377	9,605,418	(841,828)	8,763,590
20051	140,085	34,031	50,897	9,278	5,350	14,956	28,056	—	65,138	108,150	92,081	(23,611)	68,470
20052	31,755,372	7,714,259	11,537,574	1,604,025	20,855,858	3,390,410	6,359,826	—	1,685,865	11,436,101	20,873,530	64,116	20,937,646
20053	2,588,515	628,822	940,477	40,164	1,609,463	276,367	518,416	—	543,799	1,338,582	1,701,490	(158,642)	1,542,848
20054	9,999,455	2,429,144	3,633,069	4,317	6,066,530	1,067,807	2,002,647	—	1,048,684	4,118,938	6,572,870	(339,881)	6,232,989
20055	12,092,686	2,937,648	4,393,595	199,981	7,531,224	1,291,094	2,421,870	—	3,513,645	7,226,609	7,948,798	(1,100,799)	6,847,999
20056	4,772,949	1,159,481	1,734,140	7,319	2,900,940	509,591	955,905	—	626,331	2,091,827	3,137,368	(223,815)	2,913,552
20057	2,386,217	579,678	866,976	4,645	1,451,299	254,768	477,901	—	467,113	1,199,782	1,568,515	(150,144)	1,418,371
20058	16,948,8												

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
20060	\$ 53,488,839	12,993,919	19,433,922	206,006	32,633,847	5,710,817	10,712,509	—	2,442,711	18,866,037	35,159,434	(980,016)	34,179,418
20061	3,959,546	961,883	1,438,609	151,778	2,552,270	151,778	422,747	—	127,514	1,343,261	2,602,700	(30,306)	2,572,394
20062	2,836,091	688,965	1,030,428	302,385	2,021,778	302,800	568,000	—	91,659	962,459	1,864,228	137,134	2,001,362
30003	2,311,946	561,636	839,992	283,378	1,685,006	246,838	463,026	—	93,921	803,785	1,519,695	84,405	1,604,100
30004	160,538	38,999	58,328	85,803	183,130	17,140	32,152	—	7,772	57,064	105,525	24,937	130,462
30005	83,315	20,239	30,270	8,625	59,134	8,895	16,686	—	74,501	100,082	54,765	(22,952)	31,813
30013	5,175,152	1,257,188	1,880,271	690,963	3,828,422	552,533	1,036,457	—	154,228	1,743,218	3,401,745	135,114	3,536,859
30014	6,872,814	1,669,597	2,497,077	7,288,544	11,455,218	733,786	1,376,457	—	305,545	2,415,788	4,517,657	3,173,115	7,690,772
30016	6,841,566	1,662,006	2,485,724	36,247	4,183,977	730,450	1,370,199	—	690,033	2,790,682	4,497,118	(222,705)	4,274,413
30020	2,924,888	710,536	1,062,690	169,027	1,942,253	312,280	585,784	—	212,359	1,110,423	1,922,595	(28,262)	1,894,333
30025	11,222,864	2,726,344	4,077,566	3,092,139	9,896,049	1,198,226	2,247,666	—	216,931	3,662,823	7,377,045	926,885	8,303,930
30026	5,446,790	1,323,176	1,978,964	499,485	3,801,625	581,535	1,090,859	—	6,894	1,679,288	3,580,299	190,086	3,770,385
30028	6,159,704	1,496,363	2,237,985	240,275	3,974,623	657,650	1,233,638	—	534,962	2,426,250	4,048,914	(80,002)	3,968,912
30029	467,941	113,676	170,016	83,497	367,189	49,960	93,717	—	17,715	161,392	307,589	26,272	333,861
30030	6,609,760	1,605,694	2,401,502	315,212	4,322,408	705,701	1,323,774	—	237,748	2,267,223	4,344,746	51,511	4,396,257
30031	3,044,171	739,513	1,106,029	130,520	1,976,062	325,016	609,673	—	69,274	1,003,963	2,001,003	29,425	2,030,428
30032	5,274,613	1,281,349	1,916,408	75,387	3,273,144	563,152	1,056,376	—	1,148,019	2,767,547	3,467,123	(377,606)	3,089,517
30033	1,828,004	444,073	664,163	61,616	1,169,852	195,170	366,105	—	96,996	658,271	1,201,589	(5,521)	1,196,068
30035	2,099,370	509,995	762,757	29,211	1,301,963	224,142	420,453	—	229,339	873,934	1,379,964	(71,432)	1,308,532
30036	2,092,988	508,445	760,438	104,494	1,373,377	223,461	419,174	—	98,260	740,895	1,375,769	(13,673)	1,362,096
30038	23,857	5,796	8,668	21,708	36,172	2,547	4,778	—	1,722	9,047	15,682	7,342	23,024
30039	2,066,290	501,959	750,738	310,522	1,563,219	220,611	413,827	—	134,147	768,585	1,358,219	97,849	1,456,068
30040	2,477,122	601,761	900,004	75,080	1,576,845	264,474	496,107	—	190,070	950,651	1,628,269	(46,599)	1,581,670
30041	31,308	7,606	11,375	22,100	41,081	3,343	6,270	—	3,346	12,959	20,580	6,006	26,586
30043	5,303,309	1,288,321	1,926,834	120,962	3,336,117	566,216	1,062,123	—	303,457	1,931,796	3,485,986	(129,275)	3,356,711
30044	1,660,724	403,436	603,385	612,022	1,618,843	177,310	332,602	—	138,163	648,075	1,091,632	165,935	1,257,567
30045	8,594,835	2,087,923	3,122,733	522,210	5,732,866	917,640	1,721,336	—	314,916	2,953,892	5,649,581	82,417	5,731,998
30046	2,881,452	699,984	1,046,908	101,038	1,847,930	307,643	577,004	—	200,183	1,084,910	1,894,044	(46,383)	1,847,661
30047	4,217,720	1,024,601	1,532,410	622,188	3,179,199	450,311	844,706	—	99,891	1,394,908	2,772,404	182,692	2,955,096
30050	2,414,616	586,577	877,294	26,696	1,490,567	257,800	483,589	—	213,460	954,849	1,587,182	(62,484)	1,524,718
30053	899,533	218,521	326,824	16,946	562,291	96,040	180,155	—	138,115	414,310	591,284	(47,576)	543,708
30054	2,565,650	623,267	932,169	241,266	1,796,702	273,926	513,837	—	72,445	860,208	1,686,460	60,935	1,747,395
30056	1,116,349	271,192	405,599	2,240	679,031	119,189	223,577	—	196,843	539,609	733,801	(63,676)	670,125
30057	1,124,905	273,270	408,708	10,425	692,403	120,102	225,291	—	120,944	466,337	739,426	(33,632)	705,794
30058	2,017,754	490,168	733,104	109,100	1,332,372	215,429	404,107	—	203,980	823,516	1,326,316	(11,605)	1,314,711
30061	1,616,306	392,645	587,247	33,655	1,013,547	172,567	323,707	—	132,237	808,511	1,062,435	(95,699)	966,736
30063	1,596,382	387,805	580,008	73,339	1,041,152	170,440	319,716	—	272,717	762,873	1,049,339	(48,736)	1,000,603
30066	4,411,104	1,071,579	1,602,672	7,957	2,682,208	470,958	883,437	—	363,917	1,718,312	2,899,519	(131,741)	2,767,778
30070	592,882	144,028	215,410	8,477	367,915	63,300	118,740	—	146,364	328,404	389,715	(44,684)	345,031
30071	866,346	210,459	314,767	126	525,352	92,497	173,508	—	129,381	395,386	569,469	(45,668)	523,801
30073	23,205	5,637	8,431	25,448	39,516	2,478	4,647	—	1,262	8,387	15,253	7,003	22,256
30076	2,292,576	556,930	832,954	27,939	1,417,823	244,770	459,147	—	494,840	1,198,757	1,506,962	(148,070)	1,358,892
30077	370,495	90,004	134,611	51,493	276,108	39,556	74,201	—	136,582	250,339	243,535	(31,879)	211,656
30080	4,391,377	1,066,787	1,595,505	60,063	2,722,355	468,852	879,486	—	353,408	1,701,746	2,886,553	(97,954)	2,788,599
30081	6,502,953	1,579,747	2,362,696	82,508	4,024,951	694,298	1,302,383	—	717,274	2,713,955	4,274,539	(180,777)	4,093,762
30082	1,626,272	395,067	590,868	47,970	1,033,905	173,631	325,703	—	349,377	848,711	1,068,986	(98,356)	970,630
30087	1,733,134	421,026	629,694	150,353	1,201,073	185,041	347,104	—	29,324	561,469	1,139,229	31,771	1,171,000
30088	1,756,977	426,818	638,356	99,826	1,165,000	187,586	351,880	—	115,706	655,172	1,154,901	3,992	1,158,893
30089	4,196,127	1,019,355	1,524,565	33,270	2,577,190	448,006	840,382	—	913,650	2,202,038	2,758,210	(283,827)	2,474,383
30090	439,621	106,796	159,726	7,739	274,261	46,937	88,045	—	69,799	204,781	288,973	(26,924)	262,049
30092	954,673	231,917	346,858	7,229	586,004	101,927	191,198	—	168,048	461,173	627,528	(53,918)	573,610
30096	286,297	69,549	49,824	223,392	30,567	53,388	57,338	—	53,576	141,481	188,189	1,487	189,676
30097	839,547	203,949	305,030	6,846	515,825	89,636	168,141	—	64,056	321,833	551,853	(16,631)	535,222
30099	468,982	113,929	170,394	154,765	439,088	50,072	93,926	—	12,950	156,948	308,273	50,208	358,481
30102	17,569	4,268	6,383	1,866	12,537	1,876	3,519	—	8,535	13,930	11,548	(1,987)	9,561
30104	1,466,590	356,275	532,851	235,734	1,124,860	156,583	293,722	—	10,394	460,699	964,023	65,836	1,029,859
30111	239,596	58,205	87,052	—	145,257	25,581	47,985	—	165,523	239,089	157,492	(64,922)	92,570
30112	175,737	42,691	63,850	27,298	133,839	18,763	35,196	—	80,986	134,945	115,516	(24,307)	91,209
30113	55,784	13,552	20,268	54,467	5,467	9,566	11,172	—	14,439	31,567	36,668	(3,115)	33,553
30126	1,228,597	298,460	446,382	34,688	779,530	131,173	246,058	—	94,738	471,969	807,585	(16,236)	791,349
30154	1,913,885	464,936	695,366	353,876	1,514,178	204,339	383,305	—	10,786	598,430	1,258,040	17,373	1,337,413
30158	520,437	126,429	189,089	11,126	326,644	55,565	104,231	—	146,863	306,659	342,095	(51,247)	290,848
30171	260,207	63,212	94,540	24,980	182,732	27,781	52,113	—	81,741	161,635	171,040	(14,912)	156,128
30185	384,820	93,483	139,815	4,229	237,527	41,086	77,070	—	85,351	203,507	252,951	(26,896)	226,055

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Total pension expense
30210	\$ 1,084,706	263,505	394,103	1,637	659,245	115,810	217,240	—	190,493	523,543	713,002	(60,360)	652,642
30220	602,836	146,446	219,026	6,025	371,497	64,363	120,733	—	125,296	310,392	396,258	(39,407)	356,851
30237	477,036	115,885	173,320	12,183	301,388	50,931	95,539	—	195,430	341,900	313,566	(59,225)	254,341
30250	1,837,263	446,322	667,527	177,004	1,290,853	196,158	367,959	—	88,934	653,051	1,207,675	38,062	1,245,737
30263	559,527	135,924	203,291	7,781	346,996	59,739	112,060	—	59,028	230,827	367,790	(12,701)	355,089
30275	423,679	102,923	153,934	29,813	286,670	45,235	84,853	—	183,003	313,091	278,494	(43,601)	234,893
30281	40,141	9,751	14,584	2,774	27,109	4,286	8,039	—	21,966	34,291	26,386	(6,108)	20,278
30287	24,215	5,883	8,798	7,226	21,907	2,585	4,850	—	14,872	22,307	15,917	(1,922)	13,995
30291	192,340	46,725	69,882	6,832	123,439	20,535	38,521	—	30,313	89,369	126,430	(9,501)	116,929
30304	67,303	16,350	24,453	31,916	72,719	7,186	13,479	—	83,263	103,928	44,240	(20,533)	23,707
30305	232,956	56,592	84,639	27,743	168,974	24,872	46,655	—	58,496	130,023	153,128	(13,200)	139,928
30311	1,511,924	367,288	549,322	135,609	1,052,219	161,423	302,801	—	102,136	566,360	993,822	(733)	993,089
30333	2,823,957	686,017	1,026,019	163,646	1,875,682	301,504	565,570	—	61,286	928,360	1,856,251	35,116	1,891,367
30342	812,628	197,410	295,249	18,370	511,029	86,761	162,750	—	44,013	293,524	534,159	(10,414)	523,745
30360	125,501	30,488	45,598	—	76,086	13,399	25,135	—	22,822	61,356	82,495	(8,033)	74,462
30364	80,189	19,480	29,135	—	48,615	8,562	16,060	—	53,698	78,320	52,710	(21,532)	31,178
30380	2,212,716	537,530	803,939	194,367	1,535,836	236,244	443,153	—	846,626	1,526,023	1,454,468	(183,756)	1,270,712
30388	42,753	10,386	15,533	9,984	35,903	4,565	8,562	—	49,120	62,247	28,102	(13,146)	14,956
30391	176,176	42,798	64,009	10,883	117,690	18,810	35,284	—	115,053	169,147	115,804	(39,131)	76,673
30397	1,449,990	352,243	526,820	15,531	894,594	154,810	290,398	—	196,297	641,505	953,112	(52,534)	900,578
30413	244,054	59,287	88,671	34,646	182,604	26,057	48,878	—	40,749	115,684	160,422	(7,778)	152,644
30426	20,782	5,048	7,551	9,329	21,928	2,219	4,162	—	9,081	15,462	13,660	(1,250)	12,410
30428	2,119,663	514,925	770,130	217,635	1,502,690	226,309	424,517	—	137,551	788,377	1,393,303	89,037	1,482,340
30429	1,100,155	267,258	399,716	198,417	865,391	117,460	220,334	—	114,651	452,445	723,157	40,128	763,285
30432	226,467	55,015	82,281	4,723	142,019	24,179	45,356	—	74,898	144,433	148,862	(28,842)	120,020
30435	338,646	82,267	123,039	43,200	248,506	36,156	69,233	—	69,233	173,212	222,600	(9,358)	213,242
30439	445,382	108,196	161,819	19,568	289,583	47,552	89,199	—	157,108	293,859	292,759	(44,659)	248,100
30440	403,743	146,691	35,912	280,683	43,106	80,860	—	—	58,286	182,792	265,389	(14,348)	251,041
30446	—	—	—	—	—	—	—	—	—	—	—	—	—
30448	2,202,027	534,933	800,055	155,290	1,490,278	235,103	441,012	—	69,918	746,033	1,447,443	13,043	1,460,486
30449	26,450	6,425	9,610	9,119	25,154	2,824	5,297	—	33,377	41,498	17,386	(8,156)	9,230
30466	725,954	176,354	263,759	7,066	447,179	77,508	145,391	—	124,194	347,093	477,186	(39,901)	437,285
30472	723,661	175,797	262,925	6,532	445,254	77,263	144,932	—	196,125	418,320	475,679	(61,866)	413,813
30480	38,158	9,270	13,864	10,152	33,286	4,074	7,642	—	33,419	45,135	25,082	(9,539)	15,543
30492	920,932	223,720	334,599	30,121	588,440	98,325	184,440	—	199,230	481,995	605,350	(55,020)	550,330
30499	703,057	170,792	255,439	63,015	489,246	75,063	140,805	—	253,347	469,215	462,135	(67,593)	394,542
30505	155,125	37,684	56,361	21,235	115,280	16,562	31,068	—	7,544	55,174	101,967	3,237	105,204
30511	689,156	167,415	250,389	43,875	461,679	73,579	138,021	—	61,827	273,427	452,998	(15,808)	437,190
30522	11,014	2,676	4,002	258	6,936	1,176	2,206	—	5,057	8,439	7,240	(1,133)	6,107
30531	1,055,793	256,481	383,598	24,639	664,718	112,723	211,449	—	331,391	655,563	693,997	(109,122)	584,875
30554	73,686	17,900	26,772	11,555	56,227	7,867	14,758	—	38,148	60,773	48,436	(5,750)	42,686
30559	418,912	101,765	152,202	2,825	256,792	44,726	83,898	—	127,216	255,840	275,360	(44,238)	231,122
30560	67,218	16,329	24,422	4,848	45,599	7,177	13,462	—	34,310	54,949	44,184	(10,182)	34,002
30568	19,289	4,686	7,008	4,252	15,946	2,059	3,863	—	14,881	20,803	12,679	(3,119)	9,560
30571	70,651	17,163	25,670	11,278	54,111	7,543	14,150	—	11,594	33,287	46,441	658	47,099
30578	219,309	53,276	79,681	15,728	148,685	23,415	43,922	—	50,011	117,348	144,157	(17,656)	126,501
30581	969,988	235,637	352,422	15,766	603,825	103,562	194,265	—	346,207	644,034	637,595	(102,475)	535,120
30587	598,953	145,502	217,616	66,461	429,579	63,948	128,387	—	119,956	312,291	393,706	(26,135)	367,571
30604	133,292	32,380	48,429	7,732	88,541	14,231	26,695	—	59,704	100,630	87,616	(16,686)	70,930
30615	537,786	130,643	195,392	65,431	391,466	57,418	107,705	—	138,783	303,906	353,499	(22,681)	326,231
30667	77,093	18,728	28,010	1,229	47,967	8,231	15,440	—	50,212	73,883	50,675	(18,241)	32,434
30668	472,755	114,845	171,764	76	286,685	50,474	94,681	—	148,439	293,594	310,752	(45,643)	265,109
30671	527,265	128,087	191,569	83,293	402,949	56,294	105,598	—	10,118	172,010	346,583	19,462	366,045
30687	35,440	8,609	12,876	504	21,989	3,784	7,098	—	25,321	36,203	23,295	(8,741)	14,554
30707	173,852	42,234	63,165	51,242	156,641	18,562	34,818	—	57,338	110,718	114,277	(126)	114,151
30708	47,623	11,569	17,303	6,012	34,884	5,085	9,538	—	63,251	77,874	31,304	(18,749)	12,555
30710	—	—	—	201	201	—	—	—	28	28	—	113	113
30730	181,702	44,141	66,017	5,755	115,913	19,400	36,391	—	104,071	159,862	119,437	(29,822)	89,615
30768	158,535	38,513	57,600	447	96,560	16,926	31,751	—	53,121	101,798	104,209	(19,783)	84,426
30777	975	237	354	184	775	104	195	—	746	1,045	641	(401)	240
30779	—	—	—	71,295	71,295	—	—	—	581,099	581,099	—	(121,672)	(121,672)
30785	288,403	70,061	104,785	83,448	258,294	30,792	57,760	—	140,309	228,861	189,574	(27,970)	161,604
30786	3,182	773	1,156	32	1,961	340	637	—	3,855	4,832	2,091	(1,215)	876
30788	1,557	378	566	283	1,227	166	312	—	3,358	3,836	1,024	(2,477)	(1,453)

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources				Deferred inflows of resources				Pension expense				
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
30795	\$ 42,644	10,359	15,494	22,578	48,431	4,553	8,540	—	12,393	25,486	28,031	5,487	33,518
30801	—	—	—	11	11	—	—	—	185	185	—	(116)	(116)
30802	2,843	691	1,033	155	1,879	304	569	—	519	1,392	1,869	(119)	1,750
40001	219,185	53,246	79,636	24,323	157,205	23,402	43,897	—	71,055	138,354	144,075	(24,078)	119,997
40002	1,177,102	285,951	427,672	51,337	764,960	125,675	235,745	—	53,607	415,027	773,736	(10,161)	763,575
40003	5,712,560	1,387,739	2,075,525	182,892	3,646,156	609,910	1,144,086	—	774,944	2,528,940	3,754,996	(213,641)	3,541,355
40004	494,588	120,149	179,697	37,003	336,849	52,805	99,054	—	154,849	306,708	325,104	(42,790)	282,314
40005	519,709	126,252	188,824	99,714	414,790	55,488	104,085	—	45,336	204,909	341,617	18,787	360,404
40008	1,090,872	265,003	396,343	12,301	673,647	116,469	218,475	—	383,012	717,956	717,055	(109,414)	607,641
40009	8,003,386	1,944,244	2,907,844	1,308,762	6,160,850	854,494	1,602,883	—	98,352	2,555,729	5,260,808	457,665	5,718,473
40010	426,507	103,610	154,962	4,370	262,942	45,537	85,419	—	106,087	237,043	280,353	(38,812)	241,541
40011	—	—	—	—	—	—	—	—	57,124	57,124	—	(27,985)	(27,985)
40012	270,355	65,677	98,227	7,392	171,296	28,865	54,145	—	57,572	140,582	177,710	(22,609)	155,101
40013	1,441,709	350,231	523,811	25,889	899,931	153,926	288,739	—	198,011	640,676	947,668	(55,308)	892,360
40014	483,524	117,461	175,677	1,889	295,027	51,624	96,838	—	136,942	285,404	317,832	(44,621)	273,211
40016	3,717,484	903,080	1,350,661	216,491	2,470,232	396,903	744,521	—	176,812	1,318,236	2,443,587	95,057	2,538,644
40017	6,742,995	1,638,060	2,449,910	1,532,577	5,620,547	719,926	1,350,457	—	2,710	2,073,093	4,432,324	513,721	4,946,045
40018	431,848	104,908	156,902	3,817	265,627	46,107	86,489	—	169,826	302,422	283,863	(63,573)	220,290
40019	537,946	130,682	195,450	16,325	342,457	57,435	107,738	—	200,115	365,288	353,604	(63,795)	289,809
40020	2,405,973	584,477	874,154	75,267	1,533,898	256,877	481,858	—	450,002	1,188,737	1,581,501	(143,757)	1,437,744
40021	1,171,465	284,581	425,624	16,237	726,442	125,073	234,616	—	115,335	475,024	770,030	(33,509)	736,521
40022	—	—	—	—	—	—	—	—	129,378	129,378	—	(41,242)	(41,242)
40024	2,454,251	596,206	891,695	190,440	1,678,341	262,032	491,527	—	81,514	835,073	1,613,235	34,501	1,647,736
40025	3,470,760	843,144	1,261,020	1,698,428	3,802,592	370,561	2,985,109	—	134,695	1,200,365	2,281,410	608,541	2,889,951
40027	1,952,041	474,205	709,229	325,424	1,508,858	208,413	390,946	—	17,904	617,263	1,283,121	131,305	1,414,426
40029	30,948	7,518	11,244	17,546	36,308	3,304	6,198	—	23,381	32,883	20,343	(3,066)	17,277
40030	65,776	15,979	23,898	9,550	49,427	7,023	13,173	—	31,994	52,190	43,236	(9,515)	33,721
40031	3,756,333	912,517	1,364,776	60,753	2,338,046	401,051	752,302	—	226,894	1,380,247	2,469,124	(51,202)	2,417,922
40032	1,901,008	461,808	690,687	80,671	1,233,166	202,964	380,726	—	166,759	750,449	1,249,576	(25,579)	1,223,997
40033	1,320,884	320,879	479,912	443,057	1,243,848	141,026	264,541	—	—	405,567	868,247	133,256	1,001,503
40036	2,353,848	571,815	855,216	161,953	1,588,984	251,312	471,418	—	3,908	726,638	1,547,238	55,963	1,603,201
40037	277,986	67,530	101,000	35,934	204,464	29,680	55,674	—	70,288	155,642	182,726	(10,153)	172,573
40038	254,184	61,748	92,352	71,185	225,285	27,138	50,907	—	57,393	135,438	167,081	(8,052)	159,029
40039	1,900,859	461,771	690,633	814,938	1,967,342	202,948	380,696	—	88,918	672,562	1,249,478	288,018	1,537,496
40041	1,039,177	252,445	377,561	72,590	702,596	110,949	208,122	—	79,553	398,624	683,075	2,766	685,841
40044	1,256,894	303,334	456,663	7,815	769,812	134,194	251,725	—	120,835	506,754	826,185	(29,697)	796,488
40045	3,418,944	830,556	1,242,193	125,819	2,198,568	365,029	684,731	—	176,088	1,225,848	2,247,350	(7,544)	2,239,806
40046	61,513	14,943	22,349	2,618	39,910	6,568	12,320	—	29,408	48,296	40,434	(9,546)	30,888
40048	641,528	155,845	233,084	37,493	426,422	68,494	128,482	—	55,718	252,694	421,691	3,262	424,953
40050	3,238,031	786,607	1,176,463	509,457	2,472,527	345,713	648,499	—	—	994,212	2,128,432	164,161	2,292,593
40052	340,463	82,708	123,699	26,963	233,370	36,350	68,186	—	78,429	182,965	223,794	(17,625)	206,169
40054	1,472,520	357,716	535,006	218,351	1,111,073	157,216	294,910	—	38,961	491,087	967,921	67,045	1,034,966
40057	40,818	9,916	14,830	10,827	35,573	4,358	8,175	—	1,779	14,312	26,831	2,236	29,067
40058	1,478,541	359,179	537,193	784,653	1,681,025	157,859	296,116	—	100,981	554,956	971,879	236,271	1,208,150
40061	1,327,452	322,475	482,299	28,272	833,046	141,727	265,856	—	176,529	584,112	872,564	(62,589)	809,975
40062	439,620	106,796	159,726	4,819	271,341	46,937	88,045	—	92,951	227,933	288,972	(25,902)	263,070
40063	1,513,556	367,685	549,915	107,518	1,025,118	161,597	303,128	—	138,139	602,864	994,895	18,762	1,013,657
40064	1,185,976	288,106	430,897	259,912	978,915	126,623	83,142	—	83,142	447,287	779,569	85,174	864,743
40065	1,188,485	288,716	431,808	102,139	822,663	126,890	238,024	—	63,986	428,900	781,218	23,533	804,751
40066	1,955,354	475,010	710,432	42,115	1,227,557	208,766	391,610	—	53,138	1,285,299	2,423,514	(24,775)	2,398,739
40067	415,359	100,902	150,911	11,666	263,479	44,346	83,186	—	219,301	346,833	273,025	(60,472)	212,553
40068	664,551	161,438	241,449	12,273	415,160	70,952	133,093	—	136,177	340,222	436,824	(31,131)	405,693
40069	458,997	111,503	166,766	17,021	295,290	49,006	91,926	—	23,234	164,166	301,709	552	302,261
40071	485,608	117,968	176,434	232,788	527,190	51,847	97,256	—	10,491	159,594	319,201	72,669	391,870
40072	25,844	6,278	9,390	10,972	26,640	2,759	5,176	—	8,720	16,655	16,988	(33)	16,955
40073	138,754	33,707	50,413	15,199	99,319	14,814	27,789	—	56,361	98,964	91,206	(14,229)	76,977
40074	1,057,034	256,783	384,049	313,585	954,417	112,856	211,698	—	50,843	375,397	694,813	75,652	770,465
40076	1,109,048	269,418	402,947	7,861	680,226	118,409	222,115	—	126,037	466,561	729,002	(39,289)	689,713
40078	2,272,111	551,959	825,519	357,717	1,735,195	242,588	455,048	—	97,953	795,586	1,493,511	59,237	1,552,748
40081	375,174	91,140	136,311	7,277	234,728	40,056	75,138	—	36,512	151,706	246,611	(15,863)	230,748
40083	124,798	30,317	45,343	6,197	81,857	13,324	24,994	—	129,556	167,874	82,033	(41,816)	40,217
40084	1,792,800	435,521	651,372	148,751	1,235,644	191,411	359,054	—	84,542	635,007	1,178,448	15,956	1,194,404
40087	2,924,338	710,403	1,062,490	45,069	1,817,962	312,221	585,674	—	168,190	1,066,085	1,922,234	(25,921)	1,896,313
40088	178,558	43,377	64,875	8,452	116,704	19,064	35,761	—	71,506	126,331	117,370	(18,530)	98,840

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	contributions and proportionate share of contributions	Total pension expense
40089	\$ 359,582	87,352	130,646	12,905	230,903	38,391	72,016	—	131,183	241,590	236,362	(40,236)	196,126
40090	1,119,924	272,061	406,898	307,120	986,079	119,570	224,293	—	5,911	349,774	736,152	111,344	847,496
40091	792,925	192,623	288,091	25,845	506,559	84,658	158,804	—	106,224	349,686	521,208	(28,748)	492,460
40092	225,325	54,738	81,867	11,822	148,427	24,057	45,127	—	29,317	98,501	148,112	(6,596)	141,516
40094	435,504	105,796	158,230	147,579	411,605	46,497	87,221	—	6,620	140,338	286,267	40,384	326,631
40095	410,350	99,685	149,091	6,719	255,495	43,812	82,183	—	154,578	280,573	269,733	(48,781)	220,952
40096	1,184,471	287,741	430,350	229,377	947,468	126,462	237,221	—	45,307	408,990	778,580	73,789	852,369
40097	1,102,841	267,911	400,691	—	668,602	117,746	220,872	—	466,228	804,846	724,922	(149,254)	575,668
40098	3,405,141	827,203	1,237,179	51,835	2,116,217	363,555	681,967	—	240,460	1,285,982	2,238,277	(62,109)	2,176,168
40100	1,055,170	256,330	383,371	22,939	662,640	112,657	211,325	—	104,303	428,285	693,587	(28,102)	665,485
40103	1,737,134	421,998	631,147	24,956	1,078,101	185,468	347,906	—	257,848	791,222	1,141,858	(69,258)	1,072,600
40104	1,464,239	355,704	531,997	41,216	928,917	156,332	293,251	—	229,598	679,181	962,478	(58,151)	904,327
40105	1,391,712	338,085	505,646	10,139	853,870	148,588	278,726	—	91,388	518,702	914,804	(38,365)	876,439
40106	1,213,774	294,859	440,997	232,636	968,492	129,590	243,089	—	86,488	459,167	797,841	53,150	850,991
40108	115,263	28,000	41,878	4,018	73,896	12,306	23,084	—	67,739	103,129	75,765	(23,716)	52,049
40109	374,407	90,954	136,032	10,862	237,648	39,974	74,985	—	90,442	205,401	246,106	(30,546)	215,560
40110	1,553,374	377,357	564,382	230,193	1,171,932	165,848	311,103	—	13,351	490,302	1,021,068	82,326	1,103,394
40111	141,755	34,436	51,503	8,756	94,695	15,135	28,390	—	83,086	126,611	93,179	(26,989)	66,190
40113	197,916	48,079	71,908	44,408	164,395	21,131	39,638	—	21,219	81,988	130,095	7,256	137,351
40114	151,943	36,911	55,205	5,628	97,744	16,222	30,431	—	82,442	129,095	99,876	(29,375)	70,501
40117	186,481	45,301	67,753	136,390	249,444	19,910	37,348	—	1,149	58,407	122,578	43,257	165,835
40118	895,381	217,513	325,316	310,845	853,674	95,597	179,323	—	35,576	310,496	588,554	103,755	692,309
40120	237,734	57,752	86,375	5,226	149,353	25,382	47,612	—	82,034	155,028	156,268	(25,820)	130,448
40121	515,095	125,131	187,148	34,790	347,069	54,995	103,161	—	140,174	298,330	338,584	(26,614)	311,970
40122	275,342	66,888	100,039	53,305	220,232	29,397	55,144	—	20,890	105,431	180,988	16,201	197,189
40123	442,303	107,448	160,700	22,040	290,188	47,223	88,582	—	105,779	241,584	290,736	(23,890)	266,846
40126	52,715	12,806	19,153	17,084	49,043	5,628	10,557	—	16,490	32,675	34,651	497	35,148
40127	100,512	24,417	36,519	9,468	70,404	10,731	20,130	—	52,746	83,607	66,069	(12,412)	53,657
40129	70,767	17,191	25,712	7,309	50,212	7,556	14,173	—	41,439	63,168	46,517	(10,799)	35,718
40130	101,332	24,616	36,817	20,482	81,915	10,819	20,294	—	36,338	67,451	66,608	(6,847)	59,761
40131	4,345	1,056	1,579	5,065	7,700	464	870	—	15,131	16,465	2,856	(1,969)	887
40133	167,009	40,571	60,679	10,937	112,187	17,831	33,448	—	106,728	158,007	109,779	(30,786)	78,993
40134	436,731	106,094	158,676	30,743	295,513	46,628	87,467	—	65,481	199,576	287,074	(13,200)	273,874
40136	7,156	1,738	2,600	3,337	7,675	764	1,433	—	3,331	5,528	4,704	(426)	4,278
40137	1,827	444	664	1,812	2,920	195	366	—	3,473	4,034	1,201	(536)	665
40138	35,485	8,620	12,893	5,404	26,917	3,789	7,107	—	20,277	31,173	23,325	(5,376)	17,949
40139	145,785	35,415	52,967	39,657	128,039	15,565	29,197	—	49,508	94,270	95,828	(7,794)	88,034
40140	13,717	3,332	4,984	—	8,316	1,465	2,747	—	11,534	15,746	9,017	(5,018)	3,999
40142	12,359	3,002	4,490	1,385	8,877	1,319	2,475	—	11,860	15,654	8,124	(3,291)	4,833
40143	710,228	172,534	258,045	21,199	451,778	75,829	142,241	—	301,804	519,874	466,849	(90,389)	376,460
40145	59,139	14,367	21,487	817	36,671	6,314	11,844	—	54,094	72,252	38,874	(16,387)	22,487
40146	151,003	36,683	54,863	1,834	93,380	16,122	30,242	—	71,885	118,249	99,258	(22,394)	76,864
40147	66,541	16,165	24,176	33,934	74,275	7,104	13,327	—	24,856	45,287	43,739	2,714	46,453
40148	156,868	38,108	56,995	19,735	114,838	16,748	31,417	—	59,452	107,617	103,113	(14,660)	88,453
40149	287,478	69,836	104,449	10,140	184,425	30,693	57,575	—	50,726	138,994	188,966	(9,303)	179,663
40150	12,015	2,919	4,365	7,480	14,764	1,283	2,406	—	2,035	5,724	7,898	1,871	9,769
40151	351,261	85,331	127,623	8,063	221,017	37,503	70,349	—	122,170	230,022	230,892	(38,581)	192,311
40152	171,785	41,731	62,414	5,075	109,220	18,341	34,404	—	115,419	168,164	112,918	(44,776)	68,142
40155	28,811	6,999	10,468	2,073	19,540	3,076	5,770	—	18,500	27,346	18,938	(7,703)	11,235
40157	109,852	26,686	39,912	21,889	88,487	11,729	22,001	—	7,180	40,910	72,208	3,762	75,970
40158	29,568	7,183	10,743	16,100	34,026	3,157	5,922	—	4,786	13,865	19,436	1,404	20,840
40160	33,490	8,136	12,168	535	20,839	3,576	6,707	—	46,626	56,909	22,014	(20,906)	1,108
40161	297,615	72,299	108,132	23,821	204,252	31,775	59,605	—	46,483	137,863	195,629	(4,117)	191,512
40162	83,203	20,212	30,230	70,657	70,099	8,883	16,663	—	7,137	32,683	54,691	1,431	56,122
40163	149,853	36,404	54,446	10,355	101,205	15,999	30,012	—	144,476	190,487	98,502	(43,632)	54,870
40164	63,185	15,349	22,957	14,036	52,342	6,746	12,654	—	35,480	54,880	41,533	(9,076)	32,457
40165	143,360	34,826	52,086	7,070	93,982	15,306	28,711	—	16,037	60,054	94,234	(4,386)	89,848
40166	59,229	14,388	21,520	3,934	39,842	6,324	11,862	—	48,436	66,622	38,933	(21,838)	17,095
40168	258,281	62,744	93,840	11,821	168,405	27,576	51,727	—	54,886	134,189	169,774	(15,034)	154,740
40170	127,074	30,870	46,169	2,070	79,109	13,567	25,450	—	45,864	84,881	83,529	(16,249)	67,280
40171	25,961	6,307	9,432	7,519	23,258	5,199	7,722	—	36,149	44,120	17,065	(11,199)	5,866
40172	103,134	25,054	37,471	2,731	65,256	11,011	20,655	—	105,974	137,640	67,793	(32,681)	35,112
40174	1,518,417	368,865	551,681	188,974	1,109,520	162,116	304,102	—	62,826	529,044	998,090	38,202	1,036,292
40176	504,702	122,606	183,372	17,967	323,945	53,885	101,079	—	244,203	399,167	331,752	(64,353)	267,399

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
40177	\$ 58,765	14,276	21,351	1,819	37,446	6,274	11,769	—	22,523	40,566	38,628	(4,789)	33,839
40178	275,706	66,977	100,171	38,558	205,706	29,436	55,217	—	165,391	250,044	181,228	(42,868)	138,360
40179	118,734	28,844	43,139	22,473	94,456	12,677	23,779	—	62,666	99,122	78,046	(11,964)	66,082
40180	939,300	228,182	341,273	40,638	610,093	100,286	188,119	—	129,648	418,053	617,423	(19,548)	597,875
40182	190,075	46,174	69,059	2,018	117,251	20,294	38,067	—	27,704	86,065	124,940	(9,236)	115,704
40183	158,626	38,535	57,633	26,399	122,567	16,936	31,769	—	132,263	180,968	104,268	(32,671)	71,597
40184	170,786	41,489	62,051	20,617	124,157	18,234	34,204	—	88,282	140,720	112,261	(19,856)	92,405
40185	78,736	19,127	28,607	21,797	69,531	8,406	15,769	—	63,095	87,270	51,755	(15,247)	36,508
40186	78,343	19,032	28,464	3,847	51,343	8,364	15,690	—	64,802	88,856	51,497	(26,194)	25,303
40188	81,172	19,719	29,492	13,817	63,028	8,666	16,257	—	56,594	81,517	53,356	(15,032)	38,324
40190	154,972	37,647	56,306	40,436	134,389	16,546	31,037	—	17,279	64,862	101,867	4,479	106,346
40192	135,975	33,032	49,403	24,856	107,291	14,518	27,232	—	106,400	148,150	89,380	(32,202)	57,178
40193	198,779	48,289	72,222	30,838	151,349	15,223	30,838	—	109,158	170,192	130,662	(21,729)	108,933
40195	113,565	27,588	41,261	1,781	70,630	12,125	22,744	—	84,584	119,453	74,649	(27,012)	47,637
40196	217,684	52,881	79,090	34,163	166,134	23,241	43,579	—	75,827	142,665	143,089	(15,644)	127,445
40197	92,302	22,423	33,536	26,988	82,947	9,855	18,486	—	45,836	74,177	60,672	(6,529)	54,143
40198	515,986	125,347	187,471	84,481	397,299	55,090	103,339	—	54,678	213,107	339,169	(5,545)	354,714
40200	454,070	110,306	164,976	192,247	467,529	48,479	90,939	—	93,626	233,044	298,470	3,626	302,096
40201	329,632	80,077	119,764	11,398	211,239	35,194	66,017	—	122,941	224,152	216,674	(38,230)	178,444
40202	743,236	180,553	270,037	46,399	496,989	79,353	148,852	—	282,517	510,722	488,546	(78,624)	409,922
40205	185,432	45,047	67,373	25,622	138,042	19,798	37,138	—	53,520	110,456	121,889	(9,472)	112,417
40207	295,093	71,686	107,215	38,022	216,923	31,506	59,100	—	102,313	192,919	193,971	(20,045)	173,926
40210	259,055	62,932	94,122	15,721	172,775	27,658	51,882	—	118,450	197,990	170,283	(32,508)	137,775
40211	1,352,884	328,653	491,539	183,312	1,003,504	144,443	270,950	—	429,894	845,287	889,282	(90,385)	798,897
40212	123,239	29,938	44,776	4,430	79,144	13,158	24,682	—	43,130	80,970	81,008	(12,845)	68,163
40214	40,738	9,896	14,801	4,870	29,567	4,349	8,159	—	15,917	28,425	26,778	(4,082)	22,696
40216	1,046,101	254,127	380,076	58,062	692,265	111,689	209,508	—	121,278	442,475	687,626	(13,876)	673,750
40217	243,606	59,179	88,508	28,255	175,942	26,009	48,788	—	140,554	215,351	160,128	(35,932)	124,196
40218	986,549	239,660	358,440	30,227	628,327	105,330	197,582	—	239,667	542,579	648,481	(68,459)	580,022
40219	9,377	2,278	3,407	830	6,515	1,001	1,878	—	5,416	8,295	6,163	(1,994)	4,169
40222	120,407	29,250	43,747	4,095	77,092	12,855	24,115	—	27,137	64,107	79,147	(6,583)	72,564
40223	1,948	473	708	417	1,598	208	390	—	647	1,245	1,280	(267)	1,013
40224	30,700	7,458	11,154	10,109	28,721	3,278	6,148	—	26,465	35,891	20,180	(3,877)	16,303
40225	22,347	5,429	8,119	5,376	18,924	2,386	4,476	—	22,214	29,076	14,689	(4,352)	10,337
40227	83,700	20,333	30,410	18,148	68,891	8,936	16,763	—	141,637	167,336	55,018	(42,069)	12,949
40228	92,581	22,490	33,637	25,529	81,656	9,885	18,542	—	86,209	114,636	60,855	(17,783)	43,072
40229	123,973	30,117	45,043	15,340	90,500	13,236	24,829	—	52,148	90,213	81,490	(9,714)	71,516
40231	469,809	114,130	170,694	20,785	305,609	50,160	94,091	—	100,346	244,597	308,816	(29,771)	279,045
40232	179,764	43,670	65,313	18,431	127,414	19,193	36,002	—	83,730	138,925	118,163	(24,994)	93,169
40233	131,683	31,989	47,844	10,265	90,098	14,059	26,373	—	110,023	150,455	86,558	(29,537)	57,021
40237	571,310	138,787	207,572	8,969	355,328	60,997	114,419	—	217,621	393,037	375,535	(60,187)	315,348
40238	61,872	15,030	22,480	19,532	57,042	6,606	12,391	—	42,303	61,300	40,670	(7,888)	32,782
40240	180,653	43,886	65,636	—	109,522	19,288	36,180	—	141,637	197,105	118,748	(47,557)	71,191
40241	97,541	23,695	35,439	12,086	71,220	10,414	19,535	—	20,994	50,943	64,116	(2,393)	61,723
40243	—	—	—	5,841	5,841	—	—	—	28,150	28,150	—	(6,459)	(6,459)
40244	4,298	1,044	1,562	1,128	3,734	459	861	—	6,361	7,681	2,825	(2,177)	648
40245	738,939	179,509	268,476	226,387	674,372	78,894	147,991	—	32,375	259,260	485,721	43,104	528,825
40246	95,001	23,078	34,516	14,237	71,831	10,143	19,026	—	77,741	106,910	62,446	(22,143)	40,303
40248	19,281	4,684	7,005	1,193	12,882	2,059	3,861	—	23,724	29,644	12,674	(7,333)	5,341
40249	—	—	—	—	—	—	—	—	4,303	4,303	—	(2,706)	(2,706)
40250	79,675	19,355	28,948	23,138	71,441	8,507	15,957	—	38,250	62,714	52,372	(1,904)	50,468
40251	10,800	2,624	3,094	3,924	9,642	1,153	2,163	—	5,540	8,856	7,099	(6,577)	6,522
40252	2,309,846	561,126	839,229	17,484	1,417,839	246,614	462,606	—	245,976	955,196	1,518,315	(74,865)	1,443,450
40253	49,703	12,074	18,059	5,399	35,532	5,307	9,954	—	41,982	57,243	32,671	(12,170)	20,501
40254	194,986	47,367	70,844	1,193	119,404	20,818	39,051	—	91,099	150,968	128,169	(28,273)	99,896
40257	651,992	158,387	236,886	7,449	402,722	69,611	130,578	—	173,054	373,243	428,569	(66,261)	362,308
40258	129,491	31,457	47,048	534	79,039	13,825	25,934	—	67,279	107,038	85,118	(24,114)	61,004
40259	289,954	70,438	105,348	4,635	180,421	30,957	58,071	—	269,129	358,157	190,594	(88,717)	101,877
40260	224,656	54,575	81,623	5,209	141,407	23,986	44,993	—	122,348	191,327	147,671	(37,812)	109,859
40262	513,185	124,667	186,454	167,595	478,716	54,791	102,778	—	24,848	182,417	337,328	46,084	383,412
40264	162,095	39,377	58,893	9,516	107,786	17,306	32,464	—	108,643	158,413	106,548	(30,319)	76,229
40265	19,153	4,653	6,959	9,199	20,811	2,045	3,836	—	17,787	23,668	12,590	(1,575)	11,015
40267	188,715	45,844	68,565	21,323	135,732	20,148	37,795	—	91,448	149,391	124,047	(24,687)	99,360
40268	808,520	196,412	293,757	68,432	558,601	86,323	161,927	—	26,919	275,169	531,458	9,882	541,340



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Contributions and proportionate share of contributions	Total pension expense
40269	\$ 262,733	63,825	95,458	17,257	176,540	28,051	52,619	—	43,674	124,344	172,700	(8,081)	164,619
40270	112,571	27,347	40,900	897	69,144	12,019	22,545	—	85,384	119,948	73,996	(27,078)	46,918
40271	11,082	2,692	4,026	3,610	10,328	1,183	2,219	—	3,795	7,197	7,284	631	7,915
40272	169,857	41,263	61,714	16,495	119,472	18,135	34,018	—	73,401	125,554	111,651	(20,554)	91,097
40274	476,769	115,820	173,223	48,705	337,748	50,903	95,485	—	171,534	317,922	313,391	(26,394)	286,997
40275	2,108	512	766	4,877	6,155	225	422	—	33,097	33,744	1,386	(10,050)	(8,664)
40277	277,996	67,533	101,003	45,651	214,187	29,681	55,676	—	41,414	126,771	182,733	(5,676)	177,057
40279	15,376	3,735	5,586	488	9,809	1,642	3,079	—	12,499	17,220	10,107	(5,265)	4,842
40281	851,339	206,814	309,314	128,795	644,923	90,895	170,502	—	35,175	296,572	559,605	38,816	598,421
40282	11,612	2,821	4,219	26,660	33,700	1,240	2,326	—	39,330	42,896	7,633	(347)	7,286
40283	366,757	89,095	133,253	—	222,348	39,157	73,453	—	98,699	211,309	241,078	(37,073)	204,005
40284	43,295	10,518	15,730	10,774	37,022	4,623	8,671	—	3,968	17,262	28,459	1,898	30,357
40285	395,851	96,163	143,823	57,412	297,398	42,264	79,279	—	68,955	190,498	260,202	(693)	259,509
40286	291,451	70,802	105,892	8,246	184,940	31,117	58,371	—	24,653	114,141	191,578	(3,171)	188,407
40293	159,404	38,724	57,916	42,452	139,092	17,019	31,925	—	6,989	55,933	104,780	15,244	115,244
40294	43,914	10,668	15,955	10,200	36,823	4,689	8,795	—	29,331	42,815	28,866	(6,979)	21,887
40295	255,657	62,106	92,887	22,003	176,996	27,296	51,202	—	40,877	119,375	168,049	(4,555)	163,494
40300	30,682	7,453	11,148	2,317	20,918	3,276	6,145	—	13,559	22,980	20,168	(4,736)	15,432
40305	61,531	14,948	22,356	1,024	38,328	6,569	12,323	—	52,875	71,767	40,446	(16,661)	23,785
40308	17,083	4,150	6,207	1,788	12,145	1,824	3,421	—	12,139	17,384	11,229	(3,720)	7,509
40310	53,465	12,988	19,425	29,557	61,970	5,708	10,708	—	41,996	58,412	35,144	(2,860)	32,284
40312	7,365	1,789	2,676	3,134	7,599	786	1,475	—	1	2,262	4,841	946	5,787
40313	4,552	1,106	1,654	676	3,436	486	912	—	1,400	2,798	2,992	(184)	2,808
40314	219,461	53,313	79,736	10,752	143,801	23,431	43,953	—	110,247	177,631	144,257	(29,362)	114,895
40315	5,161	1,254	1,875	6	3,135	551	1,034	—	2,219	3,804	3,392	(804)	2,588
40321	1,415,250	343,804	514,198	913,011	1,771,013	151,101	283,440	—	16,103	450,644	930,276	306,121	1,236,397
40326	421,742	102,453	153,230	35,356	291,039	45,028	84,465	—	47,409	176,902	277,221	(209)	277,012
40328	36,069	8,762	13,105	10,366	32,233	3,851	7,224	—	12,101	23,176	23,709	(921)	22,788
40332	57,107	13,873	20,749	1,613	36,235	6,097	11,437	—	11,434	28,968	37,538	(4,959)	32,579
40339	526,551	127,914	191,310	2,038	321,262	56,218	105,455	—	196,086	357,759	346,114	(69,790)	276,324
40341	4,057	986	1,474	1,383	3,843	433	812	—	1,265	2,510	2,667	(370)	2,297
40343	294,817	71,619	107,115	76,490	255,224	31,477	59,045	—	63,356	153,878	193,790	5,809	199,599
40350	8,856	2,151	3,218	4,411	9,780	946	1,774	—	24,323	27,043	5,821	(6,819)	(998)
40351	12,034	2,923	4,372	1,471	8,766	1,285	2,410	—	2,575	6,270	7,910	(908)	7,002
40356	5,557	1,350	2,019	2,639	6,008	593	1,113	—	7,023	8,729	3,652	(3,743)	(91)
40357	6,621	1,608	2,406	5,301	9,315	707	1,326	—	1,989	4,022	4,352	1,175	5,527
40363	14,506	3,524	5,270	771	9,565	1,549	2,905	—	6,953	11,407	9,535	(2,507)	7,028
40364	1,070,815	260,131	389,056	41,841	691,028	114,327	214,458	—	635,274	964,059	703,871	(195,826)	508,045
40371	64,844	15,752	23,559	14,551	53,862	6,923	12,987	—	43,090	63,000	42,623	(7,693)	34,930
40372	717,043	174,190	260,521	23,128	457,839	76,556	143,606	—	104,825	324,987	471,329	(41,638)	429,691
40373	285,368	69,324	103,682	—	173,006	30,468	57,152	—	35,302	122,922	187,579	(17,020)	170,559
40377	31,460	7,642	11,430	2,244	21,316	3,359	6,301	—	35,204	44,864	20,679	(12,479)	8,200
40380	79,607	19,339	28,923	17,289	65,551	8,499	15,943	—	69,726	94,168	52,328	(11,435)	40,893
40384	493,680	119,928	179,367	35,451	334,746	52,708	98,872	—	203,440	355,020	324,507	(50,579)	273,928
40391	11,433	2,777	4,154	647	7,578	1,221	2,290	—	9,248	12,759	7,515	(2,773)	4,742
40404	361,236	87,754	131,247	39,136	258,137	38,568	72,347	—	230,851	341,766	237,449	(67,529)	169,920
40405	6,779	1,647	2,463	1,089	5,199	724	1,358	—	15,779	17,861	4,456	(4,899)	(443)
40416	435,819	105,873	158,345	15,530	279,748	46,531	87,284	—	142,982	276,797	286,474	(43,547)	242,927
40419	48,468	11,774	17,610	10,181	39,565	5,175	9,707	—	44,421	59,303	31,859	(12,014)	19,845
40428	145,685	35,391	52,931	7,971	96,293	15,554	29,177	—	102,261	146,992	95,762	(24,843)	70,919
40432	16,208	3,937	5,889	5,903	15,729	1,730	3,246	—	8,688	13,664	10,654	(972)	9,682
40436	20,395	4,954	7,410	2,134	14,498	2,777	4,085	—	7,965	14,227	13,406	(2,536)	10,870
40441	7,642	1,857	2,777	845	5,479	816	1,531	—	16,129	18,476	5,024	(4,889)	135
40452	181,749	44,152	66,034	18,041	128,227	19,405	36,400	—	96,885	152,690	119,468	(27,817)	91,651
40454	2,378,983	577,921	864,348	15,757	1,458,026	253,996	476,452	—	356,976	1,087,424	1,563,760	(75,305)	1,488,455
40464	41,817	10,159	15,193	6,054	31,406	4,465	8,375	—	51,726	64,566	27,487	(13,109)	14,378
40470	—	—	—	154	154	—	—	—	622	622	—	(240)	(240)
40479	1,935,899	470,283	703,364	214,994	1,388,641	206,689	387,713	—	9,146	603,548	1,272,511	56,939	1,329,450
40535	101	24	37	1,288	1,349	11	20	—	3,877	3,908	66	(1,107)	(1,041)
40562	80,318	19,512	29,182	39,163	87,857	8,575	16,086	—	62,333	86,994	52,795	(11,185)	41,610
40565	7,981	1,939	2,900	419	5,258	852	1,598	—	2,701	5,151	5,246	(430)	4,816
50023	129,920,133	31,561,196	47,203,450	2,333,330	81,097,976	13,871,119	26,019,832	—	17,513,591	57,404,542	85,399,466	(5,898,992)	79,500,474
50040	993,507	241,350	360,968	23,896	626,214	106,073	198,975	—	59,320	364,368	653,055	(21,586)	631,469
50098	3,855,734	936,665	1,400,891	1,107,748	3,445,304	411,663	772,209	—	111,765	1,295,637	2,534,462	337,350	2,871,812

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

New York State and Local Police and Fire Retirement System

Schedule of Pension Amounts by Employer

As of and for the year ended March 31, 2019

Location code	Deferred outflows of resources					Deferred inflows of resources					Pension expense		
	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Changes in proportion and differences between employer contributions and proportionate share of contributions	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 proportion and differences between employer contributions and proportionate share of contributions	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Net amortization of deferred amounts from changes in proportion and differences between employer contributions and proportionate share of contributions	Total pension expense
50134	\$ 3,261,567	792,325	1,185,014	773,192	2,750,531	348,226	653,212	—	136,304	1,137,742	2,143,902	212,391	2,356,293
50137	958,906	232,945	348,396	2,825	584,166	102,379	192,045	—	173,438	467,862	630,311	(71,456)	558,855
50209	3,130,212	760,415	1,137,290	102,571	2,000,276	334,202	626,905	—	458,065	1,419,172	2,057,560	(84,456)	1,973,104
50222	3,735,821	907,534	1,357,324	323,863	2,588,721	398,861	748,194	—	466,223	1,613,278	2,455,641	(108,917)	2,346,724
50223	2,103,331	510,957	764,196	30,217	1,305,370	224,565	421,246	—	24,057	669,868	1,382,567	4,644	1,387,211
50252	471,515	114,544	171,314	77,234	363,092	50,342	94,433	—	23,659	168,434	309,938	42,274	352,212
50253	1,047,900	254,564	380,730	36,374	671,668	111,881	209,869	—	328,818	650,568	688,809	(100,417)	588,392
50255	1,019,980	247,781	370,586	36,536	654,903	108,900	204,277	—	64,800	377,977	670,456	(23,189)	647,267
50256	2,897,955	703,993	1,052,904	36,785	1,793,682	309,404	580,390	—	437,813	1,327,607	1,904,892	(150,380)	1,754,512
50257	136,438	33,145	49,572	24,683	107,400	14,567	27,325	—	17,250	59,142	89,684	8,742	98,426
50261	1,310,336	318,317	476,080	448,896	1,243,293	139,900	262,428	—	11,933	414,261	861,314	146,415	1,007,729
50304	3,138,159	762,346	1,140,177	279,855	2,182,378	335,050	628,497	—	91,996	1,055,543	2,062,783	56,482	2,119,265
50823	605,152	147,008	219,868	48,132	415,008	64,610	121,197	—	89,285	275,092	397,780	(19,618)	378,162
50957	684,318	166,240	248,631	60,503	475,374	73,062	137,052	—	50,863	260,977	449,818	882	450,700
50986	4,987,433	1,211,585	1,812,067	143,951	3,167,603	532,491	998,861	—	784,333	2,315,685	3,278,353	(179,539)	3,098,814
51020	2,071,105	503,129	752,488	152,715	1,408,332	221,125	414,792	—	113,349	749,266	1,361,385	(1,834)	1,359,551
51072	2,052,949	498,718	745,891	104,503	1,349,112	219,186	411,156	—	443,724	1,074,066	1,349,450	(114,133)	1,235,317
51104	1,904,103	462,559	691,811	147,516	1,301,886	203,294	381,345	—	547,096	1,131,735	1,251,610	(144,687)	1,106,923
51137	1,243,243	302,018	451,703	6,640	760,361	132,737	248,991	—	299,503	681,231	817,212	(123,465)	693,747
51250	677,686	164,629	246,222	32,332	443,183	72,354	135,724	—	35,861	243,939	445,459	(2,124)	443,335
51264	218,893	53,175	79,530	11,449	144,154	23,370	43,839	—	118,883	186,092	143,884	(31,752)	112,132
51341	574,058	139,455	208,571	129,238	477,264	61,290	114,970	—	196,085	372,345	377,342	(27,266)	350,076
51381	97,905	23,784	35,572	3,389	62,745	10,453	19,608	—	40,654	70,715	64,355	(12,175)	52,180
51409	19,444	4,724	7,065	1,825	13,614	2,076	3,894	—	4,745	10,715	12,781	(764)	12,017
51436	265,442	64,483	96,442	35,305	196,230	28,340	53,162	—	53,496	134,998	174,481	(10,133)	164,348
51498	46,625	11,326	16,940	43,087	71,353	4,978	9,338	—	—	14,316	30,647	9,193	39,840
STATE	357,791,456	86,917,450	129,995,172	8,714,897	225,627,519	38,200,142	71,656,920	—	39,992,466	149,849,528	235,184,474	(10,056,483)	225,127,991
Total	\$ 1,677,063,145	407,405,050	609,321,779	151,188,448	1,167,915,277	179,054,177	335,874,839	—	151,188,448	666,117,464	1,102,371,852	—	1,102,371,852

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

## NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

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

March 31, 2019

#### **(1) Description of Plans**

The Office of the New York State Comptroller administers the following plans: the New York State and Local Employees' Retirement System (ERS) and the New York State and Local Police and Fire Retirement System (PFRS), which are collectively referred to as the New York State and Local Retirement System (the System). The net position of the System is held in the New York State Common Retirement Fund (the Fund), which was established to hold all assets and record changes in fiduciary net position allocated to the System.

The Comptroller of the State of New York serves as the trustee of the Fund and is the administrative head of the System. The Comptroller is an elected official determined in a direct statewide election and serves a four-year term. Thomas P. DiNapoli has served as Comptroller since February 7, 2007. In November 2018, he was elected for a new term commencing January 1, 2019.

The external advisory committees appointed by the Comptroller meet periodically throughout the year and provide independent, expert assistance in guiding the Fund. These committees include: the Advisory Council for the Retirement System; the Investment Advisory Committee; the Real Estate Advisory Committee; the Actuarial Advisory Committee; and the Audit Advisory Committee.

System benefits are established under the provisions of the New York State Retirement and Social Security Law (RSSL). Once a public employer elects to participate in the System, the election is irrevocable. The New York State Constitution provides that pension membership is a contractual relationship and plan benefits cannot be diminished or impaired. Benefits can be changed for future members only by enactment of a State statute. Generally, members of the System are employees of the State and its municipalities, other than New York City.

ERS and PFRS are cost-sharing, multiple-employer defined benefit pension plans. The System is included in the State of New York's financial report as a pension trust fund. The Public Employees' Group Life Insurance Plan (GLIP) provides death benefits in the form of life insurance. In these statements, GLIP amounts are apportioned to and included in ERS and PFRS.

Separately issued financial statements for the System can be accessed on the Comptroller's website at [www.osc.state.ny.us/retire/about\\_us/financial\\_statements\\_index.php](http://www.osc.state.ny.us/retire/about_us/financial_statements_index.php).

#### **(a) Membership Tiers**

Pension legislation enacted in 1973, 1976, 1983, 2009 and 2012 established distinct classes of membership. For convenience, the System uses a tier concept to distinguish these groups, generally:

##### *(i) ERS*

Tier 1 Those persons who last became members before July 1, 1973.

Tier 2 Those persons who last became members on or after July 1, 1973, but before July 27, 1976.

## NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

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

March 31, 2019

- Tier 3 Generally, those persons who are State correction officers who last became members on or after July 27, 1976, but before January 1, 2010, and all others who last became members on or after July 27, 1976, but before September 1, 1983.
- Tier 4 Generally, except for correction officers, those persons who last became members on or after September 1, 1983, but before January 1, 2010.
- Tier 5 Those persons who last became members on or after January 1, 2010, but before April 1, 2012.
- Tier 6 Those persons who first became members on or after April 1, 2012.

#### (ii) *PFRS*

- Tier 1 Those persons who last became members before July 31, 1973.
- Tier 2 Those persons who last became members on or after July 31, 1973, but before July 1, 2009.
- Tier 3 Those persons who last became members on or after July 1, 2009, but before January 9, 2010.
- Tier 4 N/A
- Tier 5 Those persons who last became members on or after January 9, 2010, but before April 1, 2012, or who were previously PFRS Tier 3 members who elected to become Tier 5.
- Tier 6 Those persons who first became members on or after April 1, 2012.

#### (b) *Vesting*

Members who joined the System prior to January 1, 2010 need five years of service to be 100% vested. Members who joined on or after January 1, 2010 (ERS) or January 9, 2010 (PFRS) require ten years of service credit to be 100% vested.

#### (c) *Employer Contributions*

Participating employers are required under the RSSL to contribute to the System at an actuarially determined rate adopted annually by the Comptroller. The average contribution rate for ERS for the fiscal year ended March 31, 2019 was approximately 14.9% of covered employee payroll. The average contribution rate for PFRS for the fiscal year ended March 31, 2019 was approximately 23.5% of covered employee payroll. Delinquent annual bills for employer contributions accrue interest at the actuarial interest rate applicable during the year. For the fiscal year ended March 31, 2019, the applicable interest rate was 7%.

#### (d) *Member Contributions*

Generally, Tier 3, 4, and 5 members must contribute 3% of their salary to the System. As a result of Article 19 of the RSSL, eligible Tier 3 and 4 employees, with a membership date on or after July 27,

## NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

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

March 31, 2019

1976, who have ten or more years of membership or credited service with the System, are not required to contribute. Members cannot be required to begin making contributions or to make increased contributions beyond what was required when membership began. For Tier 6 members, the contribution rate varies from 3% to 6% depending on salary. Generally, Tier 5 and 6 members are required to contribute for all years of service.

#### **(e) Benefits**

##### *(i) Tiers 1 and 2*

Eligibility: Tier 1 members, with the exception of those retiring under special retirement plans, must be at least age 55 to be eligible to collect a retirement benefit. There is no minimum service requirement for Tier 1 members. Tier 2 members, with the exception of those retiring under special retirement plans, must have five years of service and be at least age 55 to be eligible to collect a retirement benefit. The age at which full benefits may be collected for Tier 1 is 55, and the full benefit age for Tier 2 is 62.

Benefit Calculation: Generally, the benefit is 1.67% of final average salary for each year of service if the member retires with less than 20 years. If the member retires with 20 or more years of service, the benefit is 2% of final average salary for each year of service. Tier 2 members with five or more years of service can retire as early as age 55 with reduced benefits. Tier 2 members age 55 or older with 30 or more years of service can retire with no reduction in benefits. As a result of Article 19 of the RSSL, Tier 1 and Tier 2 members who worked continuously from April 1, 1999 through October 1, 2000 received an additional month of service credit for each year of credited service they have at retirement, up to a maximum of 24 additional months.

Final average salary is the average of the wages earned in the three highest consecutive years of employment. For Tier 1 members who joined on or after June 17, 1971, each year used in the final average salary calculation is limited to no more than 20% greater than the previous year. For Tier 2 members, each year of final average salary is limited to no more than 20% greater than the average of the previous two years.

##### *(ii) Tiers 3, 4, and 5*

Eligibility: Tier 3 and 4 members, with the exception of those retiring under special retirement plans, must have five years of service and be at least age 55 to be eligible to collect a retirement benefit. Tier 5 members, with the exception of those retiring under special retirement plans, must have ten years of service and be at least age 55 to be eligible to collect a retirement benefit. The full benefit age for Tiers 3, 4 and 5 is 62.

Benefit Calculation: Generally, the benefit is 1.67% of final average salary for each year of service if the member retires with less than 20 years. If a member retires with between 20 and 30 years of service, the benefit is 2% of final average salary for each year of service. If a member retires with more than 30 years of service, an additional benefit of 1.5% of final average salary is applied for each year of service over 30 years. Tier 3 and 4 members with five or more years of service and Tier 5 members with ten or more years of service can retire as early as age 55 with reduced benefits. Tier 3 and 4 members age 55 or older with 30 or more years of service can retire with no reduction in benefits.

## NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

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

March 31, 2019

Final average salary is the average of the wages earned in the three highest consecutive years of employment. For Tier 3, 4 and 5 members, each year used in the final average salary calculation is limited to no more than 10% greater than the average of the previous two years.

(iii) *Tier 6*

Eligibility: Tier 6 members, with the exception of those retiring under special retirement plans, must have ten years of service and be at least age 55 to be eligible to collect a retirement benefit. The full benefit age for Tier 6 is 63 for ERS members and 62 for PFRS members.

Benefit Calculation: Generally, the benefit is 1.67% of final average salary for each year of service if the member retires with less than 20 years. If a member retires with 20 years of service, the benefit is 1.75% of final average salary for each year of service. If a member retires with more than 20 years of service, an additional benefit of 2% of final average salary is applied for each year of service over 20 years. Tier 6 members with ten or more years of service can retire as early as age 55 with reduced benefits.

Final average salary is the average of the wages earned in the five highest consecutive years. For Tier 6 members, each year of final average salary is limited to no more than 10% greater than the average of the previous four years.

(iv) *Special Plans*

The 25-Year Plans allow a retirement after 25 years of service with a benefit of one-half of final average salary, and the 20-Year Plans allow a retirement after 20 years of service with a benefit of one-half of final average salary. These plans are available to certain PFRS members, sheriffs, and correction officers.

(v) *Disability Retirement Benefits*

Disability retirement benefits are available to ERS and PFRS members unable to perform their job duties because of permanent physical or mental incapacity. There are three general types of disability benefits: ordinary, performance of duty, and accidental disability benefits. Eligibility, benefit amounts, and other rules such as any offsets or other benefits depend on a members' tier, years of service, and plan.

(vi) *Ordinary Death Benefits*

Death benefits are payable upon the death, before retirement, of a member who meets eligibility requirements as set forth by law. The first \$50,000 of an ordinary death benefit is paid in the form of group term life insurance. The benefit is generally three times the member's annual salary. For most members, there is also a reduced post-retirement ordinary death benefit available.

(vii) *Post-Retirement Benefit Increases*

A cost-of-living adjustment is provided annually to: (i) all pensioners who have attained age 62 and have been retired for five years; (ii) all pensioners who have attained age 55 and have been retired for ten years; (iii) all disability pensioners, regardless of age, who have been retired for five years; (iv) ERS recipients of an accidental death benefit, regardless of age, who have been receiving such

## NEW YORK STATE AND LOCAL RETIREMENT SYSTEM

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

March 31, 2019

benefit for five years; and (v) the spouse of a deceased retiree receiving a lifetime benefit under an option elected by the retiree at retirement. An eligible spouse is entitled to one-half the cost-of-living adjustment amount that would have been paid to the retiree when the retiree would have met the eligibility criteria. This cost-of-living adjustment is a percentage of the annual retirement benefit of the eligible member as computed on a base benefit amount not to exceed \$18,000 of the annual retirement benefit. The cost-of-living percentage shall be 50% of the annual Consumer Price Index as published by the U.S. Bureau of Labor, but cannot be less than 1% or exceed 3%.

#### **(2) Basis of Presentation**

The Schedules of Employer Allocations and the Schedules of Pension Amounts by Employer for ERS and PFRS (collectively, the Schedules) present amounts that are considered 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 the System or of 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 related to the reported amounts. Due to the inherent nature of these estimates, actual results could differ from those estimates.

#### **(3) Allocation Percentage Methodology**

The basis for each employer's proportion is consistent with the manner in which contributions to the pension plan are determined. The System computed each employer's projected long-term contribution effort to ERS and PFRS as compared to the total projected long-term contribution effort of all employers to ERS and PFRS; this is the allocation methodology that is encouraged by the Governmental Accounting Standards Board (GASB). The employer allocation percentages have been rounded for presentation purposes. Therefore, use of these percentages to recalculate individual employer amounts presented in the Schedules of Employer Pension Amounts may result in immaterial differences due to this rounding.

The determination of each employer's projected long-term contribution effort is accomplished by computing the actuarially determined indexed present value of future compensation using census data as of April 1, 2018. The indexed present value of future compensation for each employer is calculated by multiplying the present value of future projected compensation for current employees (that is, on a closed basis) by the applicable cost index for each participant. The present value of future compensation for a participant incorporates 1) current employee demographics, including age, years of service, and salary, 2) projected salary increases, and 3) decrements (probabilities of retirement, death, and withdrawal). The rate used to discount the projected future compensation is 7.0%. The census data used and the assumptions used are the same as those used in determining the System's total pension liability and the employer contribution rates.

The cost indexes are designed to reflect the relative cost of benefits for groups of employees with a common benefit in relation to other groups within each plan. These cost indexes are also used in the determination of annual required contributions. The cost indexes are based on a new entrant valuation where the most recent set of new members to 1) an ERS regular plan (retirement eligibility based on age and service), 2) an ERS special plan (retirement eligibility based on service alone), and 3) PFRS plans, are duplicated for each distinct benefit in their set. The entire cohort is run through the actuarial valuation,

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

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

March 31, 2019

where the net present value of benefits (PV total benefits minus PV total employee contributions) and the present value of billable compensation is computed. The ratio of the net present value of benefits to the present value of billable compensation make up the valuation date (April 1) new entrant rate (often referred to as the long-term rate).

These new entrant rates are the employer contribution rates that would be paid over the employee's career assuming all valuation assumptions are realized without gains or losses. The ratio of new entrant rates between plans establishes the relative plan lucrativeness, or index.

**(4) Collective Net Pension Liability**

The components of the collective net pension liability of participating employers as of March 31, 2019 were as follows:

	<u>Employees' Retirement System</u>	<u>Police and Fire Retirement System</u>	<u>Total</u>
	(Dollars in thousands)		
Employers' total pension liability	\$ 189,803,429	34,128,100	223,931,529
Fiduciary net position	<u>182,718,124</u>	<u>32,451,037</u>	<u>215,169,161</u>
Employers' net pension liability	\$ <u>7,085,305</u>	<u>1,677,063</u>	<u>8,762,368</u>
Ratio of fiduciary net position to the employers' total pension liability	96.27%	95.09%	96.09%

**(a) Actuarial Assumptions**

The total pension liability as of March 31, 2019 was determined by using an actuarial valuation as of April 1, 2018, with update procedures used to roll forward the total pension liability to March 31, 2019. The actuarial valuation used the following actuarial assumptions:

	<u>ERS</u>	<u>PFRS</u>
Inflation	2.5%	2.5%
Salary increases	4.2	5.0
Investment rate of return (net of investment expense, including inflation)	7.0	7.0
Cost-of-living adjustments	1.3%	1.3%

Annuitant mortality rates are based on April 1, 2010 – March 31, 2015 System experience with adjustments for mortality improvements based on the Society of Actuaries' Scale MP-2014.

The actuarial assumptions used in the April 1, 2018 valuation are based on the results of an actuarial experience study for the period April 1, 2010 – March 31, 2015.



**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

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

March 31, 2019

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected return, net of investment expenses and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation.

The target allocation and best estimates of arithmetic real rates of return for each major asset class are summarized in the following table:

<b>Asset class</b>	<b>Target allocation</b>	<b>Long-term expected real rate of return</b>
Domestic equity	36.00%	4.55%
International equity	14.00	6.35
Private equity	10.00	7.50
Real estate	10.00	5.55
Absolute return strategies (1)	2.00	3.75
Opportunistic portfolio	3.00	5.68
Real assets	3.00	5.29
Bonds and mortgages	17.00	1.31
Cash	1.00	(0.25)
Inflation-indexed bonds	4.00	1.25
	<u>100.0 %</u>	

The real rate of return is net of the long-term inflation assumption of 2.5%.

(1) Excludes equity-oriented and long-only funds. For investment management purposes, these funds are included in domestic equity and international equity.

**(b) Discount Rate**

The discount rate used to measure the total pension liability was 7.0%. The projection of cash flows used to determine the discount rate assumes that contributions from plan members will be made at the current contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based upon 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.

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

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

March 31, 2019

**(c) Sensitivity of the Net Pension Liability to the Discount Rate**

The following presents the current-period net pension liability of participating employers calculated using the current-period discount rate assumption of 7.0%, as well as what the collective net pension liability (asset) would be if it were calculated using a discount rate that is 1-percentage-point lower (6.0%) or 1-percentage-point higher (8.0%) than the current rate (in thousands):

	<u>1%</u> <u>Decrease</u> <u>(6.0%)</u>	<u>Current</u> <u>assumption</u> <u>(7.0%)</u>	<u>1%</u> <u>Increase</u> <u>(8.0%)</u>
ERS net pension liability (asset)	\$ 30,978,082	7,085,305	(12,986,323)
PFRS net pension liability (asset)	\$ 6,060,656	1,677,063	(1,983,745)

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

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 March 31, 2019:

	<u>Year of</u> <u>deferral</u>	<u>Amortization</u> <u>period</u>	<u>Beginning</u> <u>of year</u> <u>balance</u>	<u>Additions</u>	<u>Deductions</u>	<u>End</u> <u>of year</u> <u>balance</u>
ERS:						
Deferred outflows of resources:						
Differences between expected and actual experience						
	2015	5 years	\$ 27,035,336	—	(27,035,336)	—
	2017	5 years	136,042,380	—	(45,347,457)	90,694,923
	2018	5 years	988,047,237	—	(247,011,809)	741,035,428
	2019	5 years	—	704,392,819	(140,878,564)	563,514,255
Subtotal			<u>1,151,124,953</u>	<u>704,392,819</u>	<u>(460,273,166)</u>	<u>1,395,244,606</u>
Changes of assumptions						
	2016	5 years	2,140,062,682	—	(1,070,031,342)	1,070,031,340
	2019	5 years	—	888,655,711	(177,731,142)	710,924,569
Subtotal			<u>2,140,062,682</u>	<u>888,655,711</u>	<u>(1,247,762,484)</u>	<u>1,780,955,909</u>
Total			\$ <u>3,291,187,635</u>	<u>1,593,048,530</u>	<u>(1,708,035,650)</u>	<u>3,176,200,515</u>
Deferred inflows of resources:						
Differences between expected and actual experience						
	2016	5 years	\$ 951,246,445	—	(475,623,222)	475,623,223
Net difference between projected and actual investment earnings on pension plan investments						
	2015	5 years	(146,689,640)	—	146,689,640	—
	2016	5 years	(4,540,918,595)	—	2,270,459,371	(2,270,459,224)
	2017	5 years	3,920,962,921	—	(1,306,987,640)	2,613,975,281
	2018	5 years	5,331,905,291	—	(1,332,976,323)	3,998,928,968
	2019	5 years	—	(3,154,955,281)	630,991,056	(2,523,964,225)
Subtotal			<u>4,565,259,977</u>	<u>(3,154,955,281)</u>	<u>408,176,104</u>	<u>1,818,480,800</u>
Total			\$ <u>5,516,506,422</u>	<u>(3,154,955,281)</u>	<u>(67,447,118)</u>	<u>2,294,104,023</u>

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

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

March 31, 2019

	<u>Year of deferral</u>	<u>Amortization period</u>	<u>Beginning of year balance</u>	<u>Additions</u>	<u>Deductions</u>	<u>End of year balance</u>
PFRS:						
Deferred outflows of resources:						
Differences between expected and actual experience						
	2015	6 years	\$ 13,277,808	—	(6,638,915)	6,638,893
	2017	6 years	201,583,607	—	(50,395,892)	151,187,715
	2018	6 years	201,156,036	—	(40,231,207)	160,924,829
	2019	6 years	—	106,384,335	(17,730,722)	88,653,613
Subtotal			<u>416,017,451</u>	<u>106,384,335</u>	<u>(114,996,736)</u>	<u>407,405,050</u>
Changes of assumptions						
	2016	6 years	765,831,352	—	(255,277,116)	510,554,236
	2019	6 years	—	118,521,052	(19,753,509)	98,767,543
Subtotal			<u>765,831,352</u>	<u>118,521,052</u>	<u>(275,030,625)</u>	<u>609,321,779</u>
Total			<u>\$ 1,181,848,803</u>	<u>224,905,387</u>	<u>(390,027,361)</u>	<u>1,016,726,829</u>
Deferred inflows of resources:						
Differences between expected and actual experience						
	2016	6 years	\$ 268,581,265	—	(89,527,088)	179,054,177
Net difference between projected and actual investment earnings on pension plan investments						
	2015	5 years	(23,103,455)	—	23,103,455	—
	2016	5 years	(794,985,731)	—	397,492,876	(397,492,855)
	2017	5 years	696,853,473	—	(232,284,491)	464,568,982
	2018	5 years	950,733,754	—	(237,683,438)	713,050,316
	2019	5 years	—	(555,314,505)	111,062,901	(444,251,604)
Subtotal			<u>829,498,041</u>	<u>(555,314,505)</u>	<u>61,691,303</u>	<u>335,874,839</u>
Total			<u>\$ 1,098,079,306</u>	<u>(555,314,505)</u>	<u>(27,835,785)</u>	<u>514,929,016</u>

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

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

March 31, 2019

The cumulative net amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

<b>ERS</b>	
Year ending March 31:	
2020	1,466,863,415
2021	(1,398,003,934)
2022	(136,363,751)
2023	<u>949,600,762</u>
Total	<u>\$ 882,096,492</u>

<b>PFRS</b>	
Year ending March 31:	
2020	339,088,107
2021	(65,043,663)
2022	1,490,799
2023	188,778,339
2024	<u>37,484,231</u>
Total	<u>\$ 501,797,813</u>

Deferred outflows of resources and deferred inflows of resources resulting from changes in an individual employer's proportion and differences between an individual employer's contributions and proportionate share of total contributions, are amortized over a five year closed period for ERS and a six year closed period for PFRS, reflecting the average remaining service life of ERS and PFRS members (active and inactive members), respectively. Because these deferred amounts and their amortization are specific to individual employers and offset on a collective basis, they are not included in the tables above.

**NEW YORK STATE AND LOCAL RETIREMENT SYSTEM**

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

March 31, 2019

**(6) Collective Pension Expense**

The components of collective pension expense for the year ended March 31, 2019 are as follows:

	<u>ERS</u>	<u>PFRS</u>
	(Dollars in thousands)	
Service cost	\$ 3,218,553	713,480
Interest on the total pension liability	12,463,933	2,236,527
Member contributions	(345,846)	(40,673)
Projected earnings of plan investments	(12,295,443)	(2,176,603)
Administrative expense	119,304	17,173
Other	(160,459)	(9,724)
Recognition of deferred outflows and inflows of resources:		
Difference between projected and actual investment earnings on plan investments	408,176	61,691
Difference between expected and actual experience	(15,350)	25,470
Change in assumptions	<u>1,247,762</u>	<u>275,031</u>
Total	\$ <u>4,640,630</u>	<u>1,102,372</u>