



**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Schedule of Employer and Nonemployer Allocations and Schedule of  
Pension Amounts by Employer and Nonemployer

June 30, 2019

(With Independent Auditors' Report Thereon)

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

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## Independent Auditors' Report

The Treasurer  
State of New Jersey:

We have audited the accompanying schedule of employer and nonemployer allocations of the State of New Jersey Public Employees' Retirement System as of and for the year ended June 30, 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 schedule of pension amounts by employer and nonemployer of the State of New Jersey Public Employees' Retirement System as of and for the year ended June 30, 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 schedule of employer and nonemployer allocations and the specified column totals included in the schedule of pension amounts by employer and nonemployer based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the schedule of employer and nonemployer allocations and specified column totals included in the schedule of pension amounts by employer and nonemployer are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedule of employer and nonemployer allocations and specified column totals included in the schedule of pension amounts by employer and nonemployer. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the schedule of employer and nonemployer allocations and specified column totals included in the schedule of pension amounts by employer and nonemployer, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the schedule of employer and nonemployer allocations and specified column totals included in the schedule of pension amounts by employer and nonemployer in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the schedule of employer and nonemployer allocations and specified column totals included in the schedule of pension amounts by employer and nonemployer.



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 and nonemployer 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 State of New Jersey Public Employees' Retirement System as of and for the year ended June 30, 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 State of New Jersey, Division of Pensions and Benefits, which includes the Public Employees' Retirement System, as of and for the year ended June 30, 2019, and our report thereon, dated March 27, 2020, expressed an unmodified opinion on those financial statements.

*Other Information*

The supplemental schedule of employer special funding allocations and supplemental schedule of special funding amounts by employer on pages 85 through 86 have not been subject to the auditing procedures applied in the audit of the schedule of employer and nonemployer allocations and the schedule of pension amounts by employer and nonemployer and accordingly, we do not express an opinion or provide any assurance on them.

*Restriction on Use*

Our report is intended solely for the information and use of the State of New Jersey, Division of Pensions and Benefits management, the Treasurer of the State of New Jersey, the State of New Jersey Public Employees' 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*

Short Hills, New Jersey  
June 5, 2020

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
State Group:				
State of New Jersey			\$ 749,478,326	84.2109330922%
New Jersey State Library	401		1,083,505	0.1217419689%
New Jersey City University	411		5,073,764	0.5700850657%
Kean University	412		4,261,708	0.4788429429%
Montclair State University	414		6,648,178	0.7469852741%
New Jersey Institute of Technology	32700 & 55530		4,594,707	0.5162585099%
Ramapo State College	420		3,411,029	0.3832611630%
Richard Stockton College	421		6,369,764	0.7157028448%
Rowan University	410		10,513,451	1.1812850192%
Rutgers, the State University of New Jersey	497 & 498		62,673,885	7.0419999529%
The College of New Jersey	415		5,317,920	0.5975182868%
Thomas A. Edison State University	430		1,471,224	0.1653058421%
University Hospital	901		23,709,467	2.6639814254%
William Paterson University	413		5,394,285	0.6060986121%
Total State Group			<u>890,001,213</u>	<u>100.0000000000%</u>
Local Group:				
Nonemployer (State of New Jersey)	NE-NJ		6,829,134	100.0000000000%
Employer:				
Bayshore Jointure Commission	41400		97,853	0.0100598800%
Bayshore Reg Sewerage Authority	31500		289,124	0.0297236953%
Cape Atl Soil Consvrtn Dist	32420		50,717	0.0052140142%
Casino Reinvestment Devel Auth	34730		531,233	0.0546139643%
Compensation Rating & Ins Bur	39990		995,059	0.1022980815%
Delaware River Basin Comm	30730		368,112	0.0378441393%
Delaware River Jt Toll Brg Com	34680		102,183	0.0105050302%
Essex Regional Health Commissio	31200		66,200	0.0068057603%
Joint Meeting Essex & Union Co	30040		1,298,222	0.1334650709%
Lake Hopatcong Commission	40800		—	0.0000000000%
Landis Sewerage Authority	30180		450,200	0.0462832820%
Manasquan River Reg Sew Auth	32000		120,892	0.0124284285%
Merchantvl Pennsken Wtr Comm	30190		285,396	0.0293404344%
Monmouth Ocean Ed Serv Comm	33020		523,190	0.0537870953%
Morris-Union Jointure Comm	34540		1,267,309	0.1302870276%
NJ Assoc Of Counties	31310		44,914	0.0046174308%
NJ Building Authority	39900		80,259	0.0082511105%
NJ Economic Dev Authority	32150		2,242,154	0.2305069877%
NJ Educational Facilities Auth	55870		186,870	0.0192113659%
NJ Firemens Home	79100		366,455	0.0376737897%
NJ Health Care Facilities	31900		213,065	0.0219043702%
NJ Housing & Mtg Finance Agency	31210		2,728,822	0.2805394006%
NJ Redevelopment Authority	35250		140,788	0.0144738576%
NJ School Bd Assoc Ins Group	34640		781,745	0.0803681126%
NJ School Boards Association	30670		669,265	0.0688044885%
NJ Schools Development Auth	42200		2,377,735	0.2444455343%
NJ Sports & Exposition Auth	31720		868,398	0.0892765649%
NJ State League Of Mun	30470		178,007	0.0183001959%
NJ Transit Corporation	32900		597,816	0.0614590993%
NJ Turnpike Authority	30170		17,789,495	1.8288676450%

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
NJ Water Supply Authority	34030		\$ 1,015,374	0.1043865864%
North Jersey Water Supply Comm	30010		983,731	0.1011334946%
NPSM Emergency Srv Dispatch Center	54300		158,923	0.0163382453%
Passaic Valley Sewerage Comm	30300		6,284,007	0.6460339141%
Passaic Valley Water Comm	30030		2,018,096	0.2074724706%
Pinelands Commission	32860		412,462	0.0424035874%
Plainfield Area Reg. Sewer Auth	35190		96,915	0.0099634480%
Rockaway Vall Reg Sewer Auth	31790		345,224	0.0354911145%
S Monmouth Reg Sewerage Auth	31830		221,398	0.0227610530%
South Bergen Jointure Comm	34930		225,136	0.0231453420%
South Jersey Economic Dev. Dist	42300		—	0.0000000000%
South Jersey Port Corporation	30440		726,237	0.0746615546%
South Jersey Trans Authority	34920		2,152,718	0.2213124262%
Stony Brook Reg Sewerage Auth	32290		449,522	0.0462135795%
Two Rivers Water Reclamation Au	31340		391,371	0.0402353051%
Waterfront Comm Of Ny Harbor	60050		47,482	0.0048814367%
Western Monmouth Utils Auth	31950		542,393	0.0557612798%
Absecon Bd Of Ed	21263	Atlantic	120,158	0.0123529689%
Absecon City	21260	Atlantic	168,829	0.0173566420%
Atlantic Cape Community College	30850	Atlantic	1,114,933	0.1146218535%
Atlantic City	20780	Atlantic	2,272,527	0.2336295158%
Atlantic City Bd Of Ed	20783	Atlantic	1,828,135	0.1879433313%
Atlantic City Community Charter	54800	Atlantic	13,570	0.0013950780%
Atlantic City Conven. & Visitor	34170	Atlantic	—	0.0000000000%
Atlantic City Housing Authority	30160	Atlantic	410,217	0.0421727879%
Atlantic City Mun Util Auth	32890	Atlantic	414,817	0.0426456957%
Atlantic Co Improvement Auth	56240	Atlantic	132,020	0.0135724542%
Atlantic Co Special Services	34650	Atlantic	751,147	0.0772224532%
Atlantic Co Util Authority	32120	Atlantic	1,829,016	0.1880339034%
Atlantic Co Vocational Schools	10033	Atlantic	469,636	0.0482814203%
Atlantic County	10030	Atlantic	6,342,420	0.6520391236%
Atlantic County Welfare Bd	10031	Atlantic	1,145,456	0.1177598025%
Brigantine City	20340	Atlantic	542,630	0.0557856449%
Brigantine City Bd Of Ed	20343	Atlantic	214,926	0.0220956923%
Buena Boro Housing Auth	33040	Atlantic	10,501	0.0010795663%
Buena Boro Mun Util Auth	31450	Atlantic	82,637	0.0084955832%
Buena Borough	50420	Atlantic	78,955	0.0081170514%
Buena Regional School Dist	57480	Atlantic	385,845	0.0396671989%
Buena Vista Township	23300	Atlantic	114,738	0.0117957601%
Corbin City	50640	Atlantic	10,784	0.0011086604%
Egg Harbor City	20180	Atlantic	113,464	0.0116647852%
Egg Harbor City Bd Of Ed	20183	Atlantic	129,668	0.0133306544%
Egg Harbor Township	23570	Atlantic	902,620	0.0927947934%
Egg Harbor Twp Bd Of Ed	23573	Atlantic	2,074,099	0.2132299176%
Egg Harbor Twp Mun Util Auth	31460	Atlantic	50,487	0.0051903689%
Estell Manor Bd Of Ed	50953	Atlantic	38,568	0.0039650236%
Estell Manor City	50950	Atlantic	9,502	0.0009768631%
Folsom Borough	51040	Atlantic	40,109	0.0041234477%
Folsom Borough Bd Of Ed	51043	Atlantic	74,189	0.0076270778%
Galloway Community Charter Sch	38800	Atlantic	—	0.0000000000%
Galloway Township	22970	Atlantic	532,617	0.0547562479%
Galloway Township Bd Of Ed	22973	Atlantic	994,245	0.1022143974%

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
Greater Egg Harbor Regional	40190	Atlantic	\$ 740,455	0.0761232509%
Hamilton Township (Atlantic)	23210	Atlantic	505,539	0.0519724658%
Hamilton Twp Bd Ed (Atlantic)	23213	Atlantic	609,406	0.0626506214%
Hamilton Twp Mun Util Authority	31220	Atlantic	112,221	0.0115369973%
Hammonton Town	22750	Atlantic	281,846	0.0289754729%
Hammonton Town Bd Of Ed	22753	Atlantic	560,413	0.0576138448%
International Academy of Atlantic City	55300	Atlantic	91,440	0.0094005849%
Linwood Bd Of Ed	51803	Atlantic	167,010	0.0171696378%
Linwood City	51800	Atlantic	151,136	0.0155376946%
Longport Borough	22980	Atlantic	153,077	0.0157372411%
Mainland Regional H S	57220	Atlantic	364,028	0.0374242794%
Margate City	23620	Atlantic	795,194	0.0817507511%
Margate City Bd Of Ed	23623	Atlantic	150,098	0.0154309819%
Mullica Township	52330	Atlantic	78,855	0.0081067708%
Mullica Twp Bd Of Ed	52333	Atlantic	124,145	0.0127628566%
Northfield Bd Of Ed	20073	Atlantic	152,630	0.0156912868%
Northfield City	20070	Atlantic	169,545	0.0174302511%
Oceanside Charter School	36600	Atlantic	—	0.0000000000%
Pleasantech Academy Charter Sch	35570	Atlantic	—	0.0000000000%
Pleasantville Bd Of Ed	23073	Atlantic	1,134,898	0.1166743762%
Pleasantville City	23070	Atlantic	496,888	0.0510830907%
Pleasantville Housing Auth	55970	Atlantic	75,553	0.0077673052%
Port Republic City	52760	Atlantic	28,161	0.0028951211%
Port Republic City Bd Of Ed	52763	Atlantic	10,245	0.0010532479%
Somers Point City	22370	Atlantic	373,903	0.0384394891%
Somers Point City Bd Of Ed	22373	Atlantic	199,382	0.0204976751%
Stockton Affiliated Svcs Inc	49500	Atlantic	15,742	0.0016183728%
Ventnor City	20370	Atlantic	586,500	0.0602957461%
Ventnor City Bd Of Ed	20373	Atlantic	172,898	0.0177749598%
Weymouth Township	23550	Atlantic	34,094	0.0035050693%
Weymouth Township Bd Of Ed	23553	Atlantic	28,098	0.0028886443%
Weymouth Twp Mun Util Authority	31710	Atlantic	896	0.0000921142%
Allendale Boro Bd Of Ed	22283	Bergen	210,101	0.0215996531%
Allendale Borough	22280	Bergen	220,074	0.0226249378%
Alpine Bd Of Ed	23443	Bergen	60,530	0.0062228500%
Alpine Borough	23440	Bergen	74,712	0.0076808453%
Bergen Arts & Science Chrtr Sch	47200	Bergen	207,807	0.0213638160%
Bergen Co Bd Of Soc Serv	10011	Bergen	2,029,132	0.2086070382%
Bergen Co Bd Of Special Servs	40480	Bergen	2,785,202	0.2863356055%
Bergen Co Housing Authority	31360	Bergen	555,157	0.0570734962%
Bergen Co Utilities Authority	30240	Bergen	1,934,123	0.1988395385%
Bergen Co Vocational School	10013	Bergen	2,016,877	0.2073471501%
Bergen Community College	31060	Bergen	2,627,192	0.2700912221%
Bergen County	10010	Bergen	12,054,119	1.2392363150%
Bergen County Improvement Auth	35500	Bergen	26,536	0.0027280612%
Bergen County Soil Conser Dist	32460	Bergen	50,951	0.0052380709%
Bergenfield Bd Of Ed	20623	Bergen	753,995	0.0775152448%
Bergenfield Borough	20620	Bergen	792,519	0.0814757449%
Bogota Boro Bd Of Ed	21473	Bergen	134,840	0.0138623673%
Bogota Borough	21470	Bergen	136,072	0.0139890243%
Carlstadt Borough	50500	Bergen	525,505	0.0540250913%
Carlstadt Borough Bd Of Ed	50503	Bergen	118,109	0.0121423193%

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
Carlstadt E.Rutherford Bd Of Ed	57500	Bergen	\$ 119,607	0.0122963228%
Carlstadt Sewerage Authority	31520	Bergen	30,533	0.0031389770%
Cliffside Park Bd Of Ed	20423	Bergen	492,468	0.0506286880%
Cliffside Park Borough	20420	Bergen	598,961	0.0615768122%
Cliffside Park Housing	31300	Bergen	121,385	0.0124791119%
Closter Board Of Education	21983	Bergen	205,642	0.0211412410%
Closter Borough	21980	Bergen	393,832	0.0404883108%
Cresskill Bd Of Ed	22303	Bergen	295,182	0.0303464943%
Cresskill Borough	22300	Bergen	447,530	0.0460087899%
Demarest Boro Bd Of Ed	22743	Bergen	156,656	0.0161051840%
Demarest Borough	22740	Bergen	150,567	0.0154791980%
Dumont Borough	20870	Bergen	435,725	0.0447951645%
Dumont Borough Bd Of Ed	20873	Bergen	456,042	0.0468838749%
East Rutherford Boro Bd Of Ed	50853	Bergen	177,027	0.0181994459%
East Rutherford Borough	50850	Bergen	397,289	0.0408437113%
Edgewater Boro Bd Of Ed	21673	Bergen	113,771	0.0116963467%
Edgewater Borough	21670	Bergen	504,836	0.0519001931%
Edgewater Housing Authority	31730	Bergen	15,589	0.0016026435%
Elmwood Park Borough	20880	Bergen	423,278	0.0435155376%
Elmwood Park Borough Bd Of Ed	20883	Bergen	329,048	0.0338281239%
Emerson Borough	22190	Bergen	247,642	0.0254590949%
Emerson Borough Bd Of Ed	22193	Bergen	222,789	0.0229040562%
Englewood City	20580	Bergen	1,172,799	0.1205708282%
Englewood City Bd Of Ed	20583	Bergen	262,104	0.0269458759%
Englewood Cliffs Bd Of Ed	50933	Bergen	171,054	0.0175853854%
Englewood Cliffs Borough	50930	Bergen	172,832	0.0177681746%
Englewood Housing Auth	56100	Bergen	108,150	0.0111184739%
Fair Lawn Bd Of Ed	20433	Bergen	1,293,659	0.1329959669%
Fair Lawn Borough	20430	Bergen	1,397,876	0.1437101046%
Fairview Boro Bd Of Ed	20653	Bergen	202,565	0.0208249068%
Fairview Borough	20650	Bergen	313,907	0.0322715375%
Fort Lee Bd Of Ed	20893	Bergen	682,917	0.0702079967%
Fort Lee Borough	20890	Bergen	1,620,913	0.1666396568%
Fort Lee Housing Authority	31330	Bergen	44,234	0.0045475226%
Fort Lee Parking Authority	56390	Bergen	118,109	0.0121423193%
Franklin Lakes Bd Of Ed	22463	Bergen	348,974	0.0358766372%
Franklin Lakes Borough	22460	Bergen	386,575	0.0397422473%
Garfield City	20810	Bergen	670,011	0.0688811818%
Garfield City Bd Of Ed	20813	Bergen	1,321,566	0.1358649753%
Garfield Housing Authority	30550	Bergen	106,520	0.0109509000%
Glen Rock Borough	22420	Bergen	499,293	0.0513303392%
Glen Rock Borough Bd Of Ed	22423	Bergen	417,724	0.0429445528%
Hackensack City	20590	Bergen	1,421,332	0.1461215233%
Hackensack City Bd Of Ed	20593	Bergen	1,410,523	0.1450102927%
Hackensack Housing Authority	30520	Bergen	112,773	0.0115937462%
Harrington Park Bd Of Ed	22433	Bergen	197,504	0.0203046054%
Harrington Park Borough	22430	Bergen	150,696	0.0154924599%
Hasbrouck Heights Bd Of Ed	20453	Bergen	285,901	0.0293923514%
Hasbrouck Heights Borough	20450	Bergen	490,598	0.0504364407%
Haworth Borough	22150	Bergen	153,981	0.0158301778%
Haworth Borough Bd Of Ed	22153	Bergen	97,461	0.0100195801%
Hillsdale Borough	21360	Bergen	205,569	0.0211337361%



**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
Hillsdale Borough Bd Of Ed	21363	Bergen	\$ 190,951	0.0196309173%
Ho-Ho-Kus Bd Of Ed	21603	Bergen	104,866	0.0107808588%
Ho-Ho-Kus Borough	21600	Bergen	173,391	0.0178256432%
Hudson Arts & Sciences Charter School	56600	Bergen	54,725	0.0056260609%
Leonia Borough	20930	Bergen	296,893	0.0305223955%
Leonia Borough Bd Of Ed	20933	Bergen	389,983	0.0400926103%
Little Ferry Bd Of Ed	23273	Bergen	164,420	0.0169033701%
Little Ferry Borough	23270	Bergen	238,833	0.0245534764%
Lodi Bd Of Ed	20463	Bergen	453,851	0.0466586269%
Lodi Borough	20460	Bergen	452,744	0.0465448206%
Lodi Housing Authority	30370	Bergen	114,270	0.0117476469%
Lyndhurst Township	22580	Bergen	594,033	0.0610701840%
Lyndhurst Twp Bd Of Ed	22583	Bergen	384,114	0.0394892416%
Mahwah Bd Of Ed	22473	Bergen	590,000	0.0606555673%
Mahwah Township	22470	Bergen	857,085	0.0881135201%
Maywood Bd Of Ed	21803	Bergen	147,603	0.0151744808%
Maywood Borough	21800	Bergen	207,775	0.0213605263%
Mid Bergen Reg Health Comm	32660	Bergen	45,692	0.0046974139%
Midland Park Boro Bd Of Ed	52143	Bergen	333,832	0.0343199480%
Midland Park Borough	52140	Bergen	192,456	0.0197856404%
Montvale Borough	22250	Bergen	230,650	0.0237122146%
Montvale Borough Bd Of Ed	22253	Bergen	129,854	0.0133497763%
Moonachie Borough	52260	Bergen	150,524	0.0154747773%
Moonachie Borough Bd Of Ed	52263	Bergen	77,322	0.0079491691%
New Milford Bd Of Ed	20683	Bergen	538,181	0.0553282608%
New Milford Borough	20680	Bergen	449,675	0.0462293088%
North Arlington Bd Of Ed	20053	Bergen	329,086	0.0338320305%
North Arlington Borough	20050	Bergen	317,933	0.0326854347%
Northern Highlands Reg H S	40160	Bergen	292,652	0.0300863950%
Northern Valley Reg H S Dist	40200	Bergen	1,327,445	0.1364693720%
Northvale Bd Of Ed	23153	Bergen	92,485	0.0095080172%
Northvale Borough	23150	Bergen	157,209	0.0161620357%
Northwest Bergen Cent Dispatch	35180	Bergen	110,707	0.0113813490%
Northwest Bergen Co Util Auth	31230	Bergen	531,795	0.0546717413%
Northwest Bergen Health Comm	55180	Bergen	48,488	0.0049848596%
Norwood Bd Of Ed	23353	Bergen	101,433	0.0104279257%
Norwood Borough	23350	Bergen	151,377	0.0155624709%
Oakland Bd Of Ed	22073	Bergen	344,276	0.0353936544%
Oakland Borough	22070	Bergen	397,652	0.0408810299%
Old Tappan Bd Of Ed	23163	Bergen	79,615	0.0081849034%
Old Tappan Borough	23160	Bergen	233,619	0.0240174457%
Oradell Bd Of Ed	21193	Bergen	100,426	0.0103244000%
Oradell Borough	21190	Bergen	298,231	0.0306599500%
Palisades Park Bd Of Ed	20983	Bergen	233,650	0.0240206327%
Palisades Park Borough	20980	Bergen	453,367	0.0466088688%
Paramus Bd Of Ed	22773	Bergen	1,007,869	0.1036150270%
Paramus Borough	22770	Bergen	1,854,365	0.1906399339%
Park Ridge Boro Bd Of Ed	21383	Bergen	304,722	0.0313272640%
Park Ridge Borough	21380	Bergen	505,292	0.0519470727%
Pascack Valley Reg H S Dist	40120	Bergen	704,628	0.0724400187%
Paterson Arts & Science Charter School	53400	Bergen	114,575	0.0117790027%
Ramapo Indian Hills Reg H S D	40130	Bergen	554,532	0.0570092424%

**STATE OF NEW JERSEY  
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Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
Ramsey Borough	21710	Bergen	\$ 541,880	0.0557085403%
Ramsey Borough Bd Of Ed	21713	Bergen	839,989	0.0863559479%
Ridgefield Boro Bd Of Ed	20483	Bergen	672,257	0.0691120842%
Ridgefield Borough	20480	Bergen	385,943	0.0396772739%
Ridgefield Park Bd Of Ed	20553	Bergen	226,617	0.0232975978%
Ridgefield Park Village	20550	Bergen	492,492	0.0506311553%
Ridgewood Public Library	20564	Bergen	144,813	0.0148876520%
Ridgewood Twp Bd Of Ed	20563	Bergen	689,550	0.0708899092%
Ridgewood Village	20560	Bergen	1,559,577	0.1603339451%
River Dell Reg School District	40060	Bergen	383,762	0.0394530539%
River Edge Boro Bd Of Ed	21513	Bergen	352,990	0.0362895063%
River Edge Borough	21510	Bergen	383,403	0.0394161465%
River Vale Township	22080	Bergen	317,526	0.0326435926%
River Vale Twp Bd Of Ed	22083	Bergen	255,459	0.0262627298%
Rochelle Park Township	21620	Bergen	157,590	0.0162012048%
Rochelle Park Twp Bd Of Ed	21623	Bergen	70,763	0.0072748642%
Rockleigh Borough	52890	Bergen	24,162	0.0024839997%
Rutherford Boro Bd Of Ed	20703	Bergen	395,203	0.0406292579%
Rutherford Borough	20700	Bergen	708,697	0.0728583365%
Saddle Brook Bd Of Ed	52963	Bergen	355,951	0.0365939150%
Saddle Brook Township	52960	Bergen	401,414	0.0412677862%
Saddle River Bd Of Ed	22863	Bergen	79,001	0.0081217805%
Saddle River Borough	22860	Bergen	190,058	0.0195391115%
South Hackensack Bd Of Ed	20533	Bergen	60,714	0.0062417663%
South Hackensack Township	20530	Bergen	91,471	0.0094037719%
Teaneck Bd Of Ed	20033	Bergen	677,321	0.0696326940%
Teaneck Community Charter Sch	35630	Bergen	67,561	0.0069456793%
Teaneck Township	20030	Bergen	1,409,912	0.1449474782%
Tenafly Bd Of Ed	20503	Bergen	810,606	0.0833351979%
Tenafly Borough	20500	Bergen	767,762	0.0789305756%
Teterboro Borough	23370	Bergen	121,331	0.0124735604%
Upper Saddle River Bd Of Ed	53423	Bergen	342,186	0.0351787897%
Upper Saddle River Boro	53420	Bergen	223,199	0.0229462067%
Waldwick Boro Bd Of Ed	21953	Bergen	337,699	0.0347174990%
Waldwick Borough	21950	Bergen	354,382	0.0364326123%
Wallington Borough	53490	Bergen	160,223	0.0164718931%
Wallington Borough Bd Of Ed	53493	Bergen	168,176	0.0172895096%
Washington Township (Bergen)	22040	Bergen	140,101	0.0144032299%
Westwood Borough	21530	Bergen	361,483	0.0371626380%
Westwood Reg Sch District	40080	Bergen	509,082	0.0523367076%
Woodcliff Lake Bd Of Ed	22483	Bergen	142,216	0.0146206647%
Woodcliff Lake Borough	22480	Bergen	189,757	0.0195081669%
Wood-Ridge Bd Of Ed	21053	Bergen	225,385	0.0231709407%
Wood-Ridge Borough	21050	Bergen	255,183	0.0262343553%
Wyckoff Township	22490	Bergen	457,139	0.0469966532%
Wyckoff Township Bd Of Ed	22493	Bergen	423,790	0.0435681743%
Bass River Twp Bd Of Ed	23533	Burlington	28,081	0.0028868966%
Bass River Twp Municipal Bldg	23530	Burlington	27,338	0.0028105117%
Bejamin Banneker Prep Charter School	52500	Burlington	34,743	0.0035717905%
Beverly City Bd Of Ed	21663	Burlington	52,105	0.0053567090%
Beverly City Housing Authority	56370	Burlington	37,982	0.0039047792%
Beverly City Municipal Bldg	21660	Burlington	42,887	0.0044090429%

**STATE OF NEW JERSEY  
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Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
Beverly Sewerage Authority	30280	Burlington	\$ 26,404	0.0027144908%
Bordentown City	22290	Burlington	158,196	0.0162635053%
Bordentown Fire District #1	34570	Burlington	1,765	0.0001814527%
Bordentown Reg Sch District	40150	Burlington	610,511	0.0627642221%
Bordentown Sewerage Auth	34320	Burlington	122,865	0.0126312649%
Bordentown Twp	22590	Burlington	220,270	0.0226450878%
Bordentown Twp Fire District 2	34620	Burlington	8,714	0.0008958519%
Burlington City	20060	Burlington	—	0.0000000000%
Burlington City	20069	Burlington	448,142	0.0460717072%
Burlington City Bd Of Ed	20063	Burlington	427,036	0.0439018827%
Burlington City Housing Auth	56210	Burlington	22,981	0.0023625857%
Burlington Co Bd Of Social Serv	10071	Burlington	1,630,413	0.1676163142%
Burlington Co Bd Spcl Services	40490	Burlington	1,342,707	0.1380383979%
Burlington Co College	31090	Burlington	1,207,430	0.1241311044%
Burlington Co Institute Of Tech	10073	Burlington	555,050	0.0570624959%
Burlington Co Soil Con Dist	32720	Burlington	37,837	0.0038898724%
Burlington County Bridge Comm	30420	Burlington	1,036,439	0.1065521957%
Burlington County/Payroll Dept	10070	Burlington	6,057,885	0.6227872052%
Burlington Township	21970	Burlington	694,731	0.0714225473%
Burlington Twp Bd Of Ed	21973	Burlington	332,218	0.0341540191%
Burlington Twp Fire District 1	34880	Burlington	38,740	0.0039827062%
Chesterfield Township	50560	Burlington	84,225	0.0086588392%
Chesterfield Twp Bd Of Ed	50563	Burlington	92,133	0.0094718295%
Cinnaminson Sewerage Authority	55900	Burlington	94,946	0.0097610229%
Cinnaminson Township	22050	Burlington	253,694	0.0260812771%
Cinnaminson Twp Bd Of Ed	22053	Burlington	757,802	0.0779066274%
Delanco Sewerage Authority	55150	Burlington	19,930	0.0020489245%
Delanco Township	50680	Burlington	93,928	0.0096563663%
Delanco Twp Bd Of Ed	50683	Burlington	76,205	0.0078343348%
Delran Township	22600	Burlington	335,726	0.0345146627%
Delran Twp Bd Of Ed	22603	Burlington	404,384	0.0415731202%
Delran Twp Fire District #1	34690	Burlington	22,609	0.0023243419%
Eastampton Township	50790	Burlington	106,564	0.0109554235%
Eastampton Township Bd Of Ed	50793	Burlington	113,534	0.0116719817%
Edgewater Park Sewerage Auth	56170	Burlington	8,740	0.0008985248%
Edgewater Park Township	50870	Burlington	74,768	0.0076866025%
Edgewater Park Twp Bd Of Ed	50873	Burlington	161,590	0.0166124290%
Evesham Mun. Utilities Auth	31430	Burlington	445,715	0.0458221969%
Evesham Township	50960	Burlington	769,941	0.0791545900%
Evesham Twp Bd Of Ed	50963	Burlington	1,336,092	0.1373583359%
Fieldsboro Borough	51010	Burlington	5,054	0.0005195818%
Florence Township	21860	Burlington	426,389	0.0438353672%
Florence Township Bd Of Ed	21863	Burlington	276,941	0.0284712092%
Florence Twp Housing Authority	56440	Burlington	11,566	0.0011890547%
Florence Twp. Fire Dist. #1	35270	Burlington	10,883	0.0011188382%
Hainesport Township	51280	Burlington	71,379	0.0073381928%
Hainesport Township Bd Of Ed	51283	Burlington	77,904	0.0080090022%
Lenape Regional H S District	40420	Burlington	2,038,490	0.2095690971%
Lumberton Township	51910	Burlington	187,870	0.0193141719%
Lumberton Twp Bd Of Ed	51913	Burlington	266,773	0.0274258774%
Mansfield Township (Burlington)	23540	Burlington	111,812	0.0114949496%
Mansfield Twp Bd Ed (Burlingt)	23543	Burlington	135,115	0.0138906389%

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Maple Shade Bd Of Ed	21873	Burlington	\$ 483,117	0.0496673486%
Maple Shade Township	21870	Burlington	257,869	0.0265104923%
Medford Lakes Boro Bd Of Ed	52083	Burlington	62,978	0.0064745192%
Medford Lakes Borough	52080	Burlington	86,679	0.0089111253%
Medford Township	52070	Burlington	333,468	0.0342825266%
Medford Township Bd Of Ed	52073	Burlington	547,032	0.0562381971%
Moorestown Township	21890	Burlington	761,501	0.0782869070%
Moorestown Township Bd Of Ed	21893	Burlington	847,223	0.0870996469%
Moorestown Twp Fire District 1	56330	Burlington	50,245	0.0051654898%
Moorestown Twp Fire District 2	56410	Burlington	31,051	0.0031922305%
Mount Holly Mun Util Auth	30540	Burlington	450,345	0.0462981889%
Mount Holly Township	21900	Burlington	211,410	0.0217342262%
Mount Holly Twp Bd Of Ed	21903	Burlington	184,205	0.0189373877%
Mount Laurel Fire District #1	34370	Burlington	48,059	0.0049407558%
Mount Laurel Township	23430	Burlington	703,494	0.0723234367%
Mount Laurel Twp Bd Of Ed	23433	Burlington	1,124,065	0.1155606783%
Mount Laurel Twp Mun Util Auth	31580	Burlington	520,863	0.0535478656%
New Hanover Township	52370	Burlington	22,093	0.0022712940%
New Hanover Twp Bd Of Ed	57530	Burlington	37,750	0.0038809282%
North Hanover Township	52430	Burlington	32,635	0.0033550753%
North Hanover Township Bd Of Ed	52433	Burlington	338,182	0.0347671543%
Northern Burlington Co Reg	40210	Burlington	500,714	0.0514764266%
Palmyra Borough	20320	Burlington	140,613	0.0144558666%
Palmyra Borough Bd Of Ed	20323	Burlington	165,035	0.0169665958%
Pemberton Borough	52590	Burlington	56,679	0.0058269439%
Pemberton Township	52600	Burlington	654,542	0.0672908751%
Pemberton Township Bd Of Ed	52603	Burlington	2,066,392	0.2124375914%
Pemberton Twp Mun Util Auth	32020	Burlington	91,597	0.0094167254%
Rancocas Valley Regional H S	40220	Burlington	340,734	0.0350295153%
Renaissance Reg Leadership Chtr	48800	Burlington	—	0.0000000000%
Riverbank Chtr Schl Of Excell.	48500	Burlington	6,732	0.0006920903%
Riverside Sew Authority	30330	Burlington	50,969	0.0052399214%
Riverside Township	21920	Burlington	70,044	0.0072009467%
Riverside Township Bd Of Ed	21923	Burlington	274,895	0.0282608681%
Riverton Boro School Board	52873	Burlington	36,923	0.0037959076%
Riverton Borough	52870	Burlington	59,629	0.0061302217%
Shamong Township	53010	Burlington	70,398	0.0072373400%
Shamong Twp Bd Of Ed	53013	Burlington	167,526	0.0172226857%
Southampton Township	53080	Burlington	151,896	0.0156158272%
Southampton Twp Bd Of Ed	53083	Burlington	101,870	0.0104728519%
Springfield Township(Burl)	53170	Burlington	32,846	0.0033767674%
Springfield Twp Bd Of Ed (Burl)	53173	Burlington	43,502	0.0044722686%
Tabernacle Township	53280	Burlington	101,769	0.0104624685%
Tabernacle Twp Bd Of Ed	53283	Burlington	208,000	0.0213836576%
Washington Twp (Burlington)	53550	Burlington	3,298	0.0003390543%
Washington Twp Bd Of Ed (Burl)	53553	Burlington	—	0.0000000000%
Westampton Township	23240	Burlington	238,847	0.0245549157%
Westampton Township Bd Of Ed	23243	Burlington	171,084	0.0175884696%
Willingboro Mun Util Authority	30650	Burlington	307,610	0.0316241679%
Willingboro Township	22500	Burlington	980,161	0.1007664771%
Willingboro Twp Bd Of Ed	22503	Burlington	883,348	0.0908135153%
Woodland Township	53820	Burlington	20,884	0.0021470015%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Woodland Twp Bd Of Ed	53823	Burlington	\$ 29,756	0.0030590967%
Wrightstown Borough	53850	Burlington	40,716	0.0041858510%
Wrightstown Mun Util Auth	55880	Burlington	32,382	0.0033290654%
Audubon Borough	50130	Camden	221,991	0.0228220170%
Audubon Borough Bd Of Ed	50133	Camden	279,577	0.0287422060%
Audubon Park Borough	50140	Camden	10,899	0.0011204831%
Barrington Boro Bd Of Ed	22613	Camden	101,536	0.0104385147%
Barrington Borough	22610	Camden	165,531	0.0170175876%
Bellmawr Borough	50230	Camden	400,265	0.0411496621%
Bellmawr Borough Bd Of Ed	50233	Camden	149,921	0.0154127853%
Berlin Borough	22990	Camden	219,564	0.0225725067%
Berlin Borough Bd Of Ed	22993	Camden	107,438	0.0110452760%
Berlin Township	23220	Camden	201,635	0.0207292971%
Berlin Township Bd Of Ed	23223	Camden	110,984	0.0114098262%
Black Horse Pike Reg Sch Dist	40230	Camden	909,518	0.0935039495%
Brooklawn Boro Bd Of Ed	50413	Camden	35,090	0.0036074642%
Brooklawn Borough	50410	Camden	74,699	0.0076795088%
Camden Academy Charter High Sch	40000	Camden	—	0.0000000000%
Camden City	21850	Camden	2,127,695	0.2187399105%
Camden City Bd Of Ed	21853	Camden	3,257,417	0.3348821626%
Camden City Housing Authority	30570	Camden	474,457	0.0487770483%
Camden City Park Authority	32780	Camden	131,801	0.0135499397%
Camden City Redevelopment Agncy	36500	Camden	96,223	0.0098923062%
Camden Co Bd Of Chosen Frhldrs	10130	Camden	8,933,056	0.9183721679%
Camden Co Bd Of Social Srv	10131	Camden	4,694,139	0.4825858709%
Camden Co Ed Services Comm	32840	Camden	194,049	0.0199494105%
Camden Co Health Services Ctr	34630	Camden	—	0.0000000000%
Camden Co Improvement Authority	34270	Camden	268,012	0.0275532541%
Camden Co Mun Util Authority	32010	Camden	1,169,075	0.1201879785%
Camden Co Pollution Control Fin	34760	Camden	166,055	0.0170714580%
Camden Co Soil Conservatn Dist	33000	Camden	19,535	0.0020083161%
Camden Comm Charter School	53700	Camden	—	0.0000000000%
Camden County College	31080	Camden	1,811,305	0.1862131055%
Camden County Technical Schools	10133	Camden	542,215	0.0557429803%
Camden'S Pride Charter School	47800	Camden	—	0.0000000000%
Camdens Promise Charter School	35650	Camden	221,192	0.0227398750%
Cherry Hill Fire Dist 13	35100	Camden	387,451	0.0398323054%
Cherry Hill Township	23010	Camden	1,568,899	0.1612923031%
Cherry Hill Twp Bd Of Ed	23013	Camden	2,229,506	0.2292066969%
Chesilhurst Borough	50530	Camden	35,694	0.0036695590%
City Invincible Charter School	52800	Camden	—	0.0000000000%
Clementon Bd Of Ed	50593	Camden	54,738	0.0056273974%
Clementon Borough	50590	Camden	115,757	0.0119005195%
Clementon Housing Authority	31350	Camden	17,596	0.0018089752%
Collingswood Boro Housing Auth	32530	Camden	17,942	0.0018445461%
Collingswood Borough	20860	Camden	337,524	0.0346995079%
Collingswood Borough Bd Of Ed	20863	Camden	455,965	0.0468759589%
D.U.E. Season Charter School	44200	Camden	—	0.0000000000%
Delaware River Port Authority	44700	Camden	105,443	0.0108401779%
Eastern Camden Co Reg Sch Dist	57380	Camden	478,512	0.0491939268%
Eco Charter School	45500	Camden	49,634	0.0051026753%
Freedom Academy Charter School	45300	Camden	193,677	0.0199111666%

**STATE OF NEW JERSEY  
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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Gibbsboro Borough	51170	Camden	\$ 25,217	0.0025924601%
Gibbsboro Borough Bd Of Ed	51173	Camden	42,206	0.0043390320%
Gloucester City	21560	Camden	432,932	0.0445080272%
Gloucester City Bd Of Ed	21563	Camden	615,476	0.0632746541%
Gloucester Township	23020	Camden	1,210,006	0.1243959327%
Gloucester Twp Bd Of Ed	23023	Camden	1,263,868	0.1299332720%
Gloucester Twp Fire District 2	32350	Camden	—	0.0000000000%
Gloucester Twp Fire District 3	34120	Camden	1,643	0.0001689103%
Gloucester Twp Fire District 4	32470	Camden	6,289	0.0006465472%
Gloucester Twp Fire District 5	34810	Camden	14,602	0.0015011739%
Gloucester Twp Fire District 6	34820	Camden	8,741	0.0008986276%
Gloucester Twp Housing Auth	34180	Camden	—	0.0000000000%
Gloucester Twp M U A	30900	Camden	252,193	0.0259269652%
Haddon Heights Bd Of Ed	23003	Camden	196,120	0.0201623218%
Haddon Heights Borough	23000	Camden	132,168	0.0135876695%
Haddon Township	21220	Camden	292,070	0.0300265619%
Haddon Township Bd Of Ed	21223	Camden	436,914	0.0449174009%
Haddon Township Housing Auth	55510	Camden	24,712	0.0025405430%
Haddon Twp Fire District 1	30710	Camden	8,700	0.0008944126%
Haddonfield Bd Of Ed	20913	Camden	316,937	0.0325830399%
Haddonfield Borough	20910	Camden	387,824	0.0398706521%
Hi-Nella Borough	51490	Camden	23,140	0.0023789319%
Hope Community Charter School	53900	Camden	41,692	0.0042861897%
Institute For Excellence Ch Sch	48400	Camden	—	0.0000000000%
Knowledge A to Z Charter School	51900	Camden	—	0.0000000000%
Laurel Springs Borough	23180	Camden	34,923	0.0035902956%
Laurel Springs Borough Bd Of Ed	23183	Camden	11,770	0.0012100272%
Lawnside Borough	51730	Camden	101,881	0.0104739828%
Lawnside Borough Bd Of Ed	51733	Camden	53,185	0.0054677396%
Leap Academy Charter School	35300	Camden	530,903	0.0545800383%
Lindenwold Borough	51790	Camden	291,879	0.0300069260%
Lindenwold Borough Bd Of Ed	51793	Camden	433,512	0.0445676547%
Lindenwold Twp Fire District 1	46700	Camden	9,705	0.0009977327%
Magnolia Borough	51940	Camden	82,590	0.0084907514%
Magnolia Borough Bd Of Ed	51943	Camden	81,496	0.0083782815%
Merchantville Boro Bd Of Ed	20663	Camden	47,967	0.0049312976%
Merchantville Borough	20660	Camden	49,458	0.0050845814%
Mount Ephraim Bd Of Ed	52293	Camden	72,631	0.0074669059%
Mount Ephraim Borough	52290	Camden	80,707	0.0082971676%
Oaklyn Borough	52470	Camden	141,731	0.0145708037%
Oaklyn Borough Bd Of Ed	52473	Camden	12,694	0.0013050200%
Pennsauken Sewerage Authority	30310	Camden	208,516	0.0214367055%
Pennsauken Township	52630	Camden	1,010,292	0.1038641260%
Pennsauken Twp Bd Of Ed	52633	Camden	1,241,233	0.1276062572%
Pine Hill Boro Mun Util Auth	55980	Camden	72,603	0.0074640274%
Pine Hill Borough	23490	Camden	118,617	0.0121945448%
Pine Hill Borough Bd Of Ed	23493	Camden	353,442	0.0363359746%
Pine Hill Fire District 1	35230	Camden	10,144	0.0010428645%
Pine Valley Borough	52680	Camden	9,894	0.0010171630%
Runnemede Borough	23170	Camden	151,437	0.0155686392%
Runnemede Borough Bd Of Ed	23173	Camden	199,829	0.0205436294%
Somerdale Boro Bd Of Ed	22443	Camden	35,787	0.0036791200%

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Somerdale Borough	22440	Camden	\$ 173,773	0.0178649151%
Sterling High School District	57260	Camden	232,578	0.0239104246%
Stratford Bd Of Ed	22793	Camden	157,075	0.0161482597%
Stratford Borough	22790	Camden	104,012	0.0106930625%
Tavistock Borough	53290	Camden	7,812	0.0008031208%
The Kingdom Ch Schl Leadership	50100	Camden	38,383	0.0039460045%
Voorhees Fire District	35170	Camden	111,252	0.0114373783%
Voorhees Township	53460	Camden	746,563	0.0767511903%
Voorhees Twp Bd Of Ed	53463	Camden	593,476	0.0610129211%
Waterford Township	53600	Camden	230,020	0.0236474467%
Waterford Twp Bd Of Ed	53603	Camden	134,279	0.0138046931%
Winslow Township	23400	Camden	855,607	0.0879615728%
Winslow Township Bd Of Ed	23403	Camden	690,262	0.0709631071%
Winslow Twp Fire District 1	34720	Camden	32,418	0.0033327664%
Woodlynne Bd Of Ed	20333	Camden	77,925	0.0080111612%
Woodlynne Borough	20330	Camden	53,181	0.0054673283%
Avalon Borough	23500	Cape May	594,139	0.0610810815%
Avalon Borough Bd Of Ed	23503	Cape May	43,981	0.0045215127%
Cape May City	23060	Cape May	400,896	0.0412145327%
Cape May City Bd Of Ed	23063	Cape May	32,896	0.0033819077%
Cape May City Housing Authority	55480	Cape May	26,314	0.0027052383%
Cape May Co Bd Social Services	10121	Cape May	423,490	0.0435373325%
Cape May Co Bridge Comm	55130	Cape May	107,498	0.0110514444%
Cape May Co Special Services	40500	Cape May	332,596	0.0341928797%
Cape May Co Technical Sch Dist	10123	Cape May	272,771	0.0280425080%
Cape May County	10120	Cape May	4,722,635	0.4855154320%
Cape May County Mun Util Auth	32200	Cape May	1,471,109	0.1512388998%
Cape May Point Borough	50490	Cape May	30,695	0.0031556316%
Charter Tech	35480	Cape May	53,155	0.0054646554%
Dennis Township	50730	Cape May	109,698	0.0112776177%
Dennis Twp Bd Of Ed	50733	Cape May	172,467	0.0177306504%
Greater Wildwood Tour.Imp & Da	35150	Cape May	101,532	0.0104381035%
Lower Cape May Reg School Dist	40240	Cape May	477,297	0.0490690174%
Lower Township	51880	Cape May	620,758	0.0638176756%
Lower Township Bd Of Ed	23803	Cape May	444,430	0.0456900911%
Lower Twp Municipal Util Auth	31630	Cape May	177,413	0.0182391291%
Middle Township	23190	Cape May	435,927	0.0448159313%
Middle Township Bd Of Ed	23193	Cape May	456,456	0.0469264366%
Middle Township Fire Dist #1	44600	Cape May	19,820	0.0020376158%
North Wildwood Bd Of Ed	20603	Cape May	97,346	0.0100077574%
North Wildwood City	20600	Cape May	400,275	0.0411506901%
Ocean City	20820	Cape May	1,572,490	0.1616614796%
Ocean City Bd Of Ed	20823	Cape May	495,787	0.0509699012%
Ocean City Housing Authority	31000	Cape May	9,231	0.0009490026%
Sea Isle City	23080	Cape May	734,171	0.0754772178%
Sea Isle City Bd Of Ed	23083	Cape May	—	0.0000000000%
Stone Harbor Bd Of Ed	22873	Cape May	20,332	0.0020902525%
Stone Harbor Borough	22870	Cape May	356,942	0.0366957957%
Upper Township	53370	Cape May	481,620	0.0495134480%
Upper Township Bd Of Ed	53373	Cape May	285,102	0.0293102094%
West Cape May Boro Bd Of Ed	23413	Cape May	14,299	0.0014700237%
West Cape May Borough	23410	Cape May	60,558	0.0062257285%

**STATE OF NEW JERSEY  
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Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
West Wildwood Borough	53710	Cape May	\$ 34,617	0.0035588369%
Wildwood City	20210	Cape May	816,862	0.0839783525%
Wildwood City Bd Of Ed	20213	Cape May	262,082	0.0269436142%
Wildwood City Housing Authority	31600	Cape May	22,735	0.0023372955%
Wildwood Crest Bd Of Ed	20513	Cape May	99,637	0.0102432860%
Wildwood Crest Borough	20510	Cape May	390,795	0.0401760888%
Woodbine Borough	53780	Cape May	48,631	0.0049995608%
Woodbine Borough Bd Of Ed	53783	Cape May	9,662	0.0009933120%
Woodbine Municipal Util Auth	31560	Cape May	—	0.0000000000%
Bridgeton Bd Of Ed	20793	Cumberland	1,717,733	0.1765933382%
Bridgeton City	20790	Cumberland	695,439	0.0714953340%
Bridgeton City Housing Auth	31190	Cumberland	92,033	0.0094615489%
Bridgeton Public Charter School	55100	Cumberland	10,439	0.0010731923%
Commercial Township	50630	Cumberland	71,465	0.0073470341%
Commercial Twp Bd Of Ed	50633	Cumberland	139,771	0.0143693039%
Compass Academy Charter School	54000	Cumberland	30,299	0.0031149204%
Cumberland Co Improvement Auth	34190	Cumberland	399,054	0.0410251640%
Cumberland Co Bd Of Voc Ed	10143	Cumberland	159,631	0.0164110320%
Cumberland Co Bd Social Serv	10141	Cumberland	1,663,781	0.1710467464%
Cumberland Co Utilities Auth	32210	Cumberland	208,982	0.0214846131%
Cumberland County	10140	Cumberland	3,245,411	0.3336478733%
Cumberland County College	55600	Cumberland	743,442	0.0764303326%
Cumberland Regional School Dist	57590	Cumberland	232,782	0.0239313970%
Cumberland-Salem Conserv. Dist.	45000	Cumberland	8,632	0.0008874218%
Deerfield Township	50670	Cumberland	38,419	0.0039497055%
Deerfield Township Bd Of Ed	50673	Cumberland	39,435	0.0040541564%
Downe Township	50760	Cumberland	25,500	0.0026215542%
Downe Twp Bd Of Ed	50763	Cumberland	51,669	0.0053118856%
Fairfield Township (Cumberland)	50970	Cumberland	57,619	0.0059235816%
Fairfield Twp Bd Ed (Cumberlnd)	50973	Cumberland	127,472	0.0131048923%
Greenwich Township (Cumberland)	51230	Cumberland	1,720	0.0001768264%
Greenwich Twp Bd Ed (Cumberlnd)	51233	Cumberland	8,764	0.0009009922%
Hopewell Township (Cumberland)	51550	Cumberland	53,439	0.0054938523%
Hopewell Twp Bd Ed (Cumberland)	51553	Cumberland	55,893	0.0057461383%
Lawrence Township (Cumberland)	51740	Cumberland	31,046	0.0031917165%
Lawrence Twp Bd Ed (Cumberland)	51743	Cumberland	92,742	0.0095344383%
Maurice River Township	52060	Cumberland	75,533	0.0077652491%
Maurice River Township Bd Of Ed	52063	Cumberland	78,662	0.0080869292%
Millville Bd Of Ed	21143	Cumberland	1,610,026	0.1655204074%
Millville City	21140	Cumberland	788,910	0.0811047179%
Millville Housing Authority	31070	Cumberland	117,204	0.0120492798%
Millville Public Charter School	50200	Cumberland	20,791	0.0021374405%
Shiloh Borough	35220	Cumberland	1,941	0.0001995465%
Stow Creek Township	53230	Cumberland	5,859	0.0006023406%
Stow Creek Township Bd Of Ed	53233	Cumberland	17,614	0.0018108257%
Upper Deerfield Township	53380	Cumberland	143,232	0.0147251156%
Upper Deerfield Twp Bd Of Ed	53383	Cumberland	266,340	0.0273813623%
Vineland City	20300	Cumberland	3,356,399	0.3450581107%
Vineland City Bd Of Ed	20303	Cumberland	2,737,173	0.2813979339%
Vineland Housing Authority	55780	Cumberland	139,050	0.0142951807%
Vineland Public Charter School	48600	Cumberland	54,162	0.0055681811%
100 Legacy Academy Charter Schl	51700	Essex	—	0.0000000000%



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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
100 Legacy Academy Charter Schl	51700	Essex	\$ —	0.0000000000%
Adelaide Sanford Charter School	47300	Essex	—	0.0000000000%
Belleville Bd Of Ed	20223	Essex	661,999	0.0680574998%
Belleville Township	20220	Essex	963,251	0.0990280268%
Bloomfield Parking Authority	45800	Essex	—	0.0000000000%
Bloomfield Township	20230	Essex	1,456,565	0.1497436887%
Bloomfield Twp Bd Of Ed	20233	Essex	949,796	0.0976447715%
Burch Chtr Schl Of Excellence	47600	Essex	87,887	0.0090353150%
Caldwell Borough	21320	Essex	207,972	0.0213807790%
Caldwell West Caldwell Bd Of Ed	40530	Essex	524,323	0.0539035746%
Cedar Grove Township	22180	Essex	471,390	0.0484617421%
Cedar Grove Twp Bd Of Ed	22183	Essex	363,490	0.0373689697%
Discovery Charter School	37700	Essex	33,662	0.0034606571%
East Orange City	20170	Essex	4,062,842	0.4176847224%
East Orange Community Chart Sch	35620	Essex	161,737	0.0166275415%
East Orange Housing Authority	30640	Essex	123,435	0.0126898643%
East Orange Parking Authority	31610	Essex	15,233	0.0015660445%
East Orange School District	20173	Essex	3,370,497	0.3465074703%
Englewood On The Palisades Char	37800	Essex	42,900	0.0044103794%
Essex Co Educational Serv Comm	32820	Essex	633,810	0.0651595001%
Essex Co Improvement Authority	32320	Essex	163,211	0.0167790776%
Essex Co Vocational School	60013	Essex	523,997	0.0538700598%
Essex County	60010	Essex	20,668,686	2.1248658880%
Essex County College	31160	Essex	2,386,312	0.2453273017%
Essex Fells Bd Of Ed	21683	Essex	57,251	0.0058857490%
Essex Fells Borough	21680	Essex	98,870	0.0101644338%
Fairfield Township (Essex)	21210	Essex	401,322	0.0412583281%
Fairfield Twp Bd Of Ed (Essex)	21213	Essex	151,728	0.0155985558%
Glen Ridge Bd Of Ed	20443	Essex	318,002	0.0326925283%
Glen Ridge Borough	20440	Essex	266,791	0.0274277279%
Gray Charter School	36800	Essex	134,404	0.0138175438%
Great Oaks Charter School	49700	Essex	738,654	0.0759380973%
Hudson-Essex Passaic	34090	Essex	52,343	0.0053811769%
Irvington Bd Of Ed	20253	Essex	1,631,329	0.1677104846%
Irvington Housing Auth	30360	Essex	91,884	0.0094462307%
Irvington Township	20250	Essex	1,512,603	0.1555047339%
Lady Liberty Academy Charter Sc	41200	Essex	171,579	0.0176393586%
Link Community Charter School	54500	Essex	156,427	0.0160816414%
Livingston Bd Of Ed	21433	Essex	1,404,325	0.1443731008%
Livingston Township	21430	Essex	1,521,639	0.1564336893%
Maplewood Township	20760	Essex	857,219	0.0881272961%
Maria L. Varisco-Rogers Charter	37300	Essex	215,974	0.0222034330%
Marion P. Thomas Charter Sch	38200	Essex	686,295	0.0705552755%
Merit Prep Charter School	52700	Essex	—	0.0000000000%
Millburn Township	21090	Essex	1,140,931	0.1172946051%
Millburn Twp Public Schools	21093	Essex	1,103,171	0.1134126488%
Montclair Bd Of Ed	20263	Essex	1,603,029	0.1648010734%
Montclair Parking Authority	43900	Essex	51,137	0.0052571928%
Montclair Public Library	20264	Essex	204,392	0.0210127334%
Montclair Township	20260	Essex	1,609,923	0.1655098183%
New Horizon Comm Charter School	38100	Essex	109,717	0.0112795710%
Newark Charter School	38600	Essex	—	0.0000000000%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Newark City	52360	Essex	\$ 10,777,659	1.1080085092%
Newark Educators' Comm Chtr Sch	48100	Essex	137,687	0.0141550561%
Newark Housing Authority	30070	Essex	2,545,686	0.2617119125%
Newark Legacy Charter School	49400	Essex	—	0.0000000000%
Newark Parking Authority	56320	Essex	265,700	0.0273155665%
Newark Prep Charter School	52300	Essex	—	0.0000000000%
Newark Public Schools	52363	Essex	13,119,855	1.3488004194%
North Caldwell Bd Of Ed	52413	Essex	208,856	0.0214716596%
North Caldwell Borough	52410	Essex	154,959	0.0159307221%
North Star Academy Charter Sch	35340	Essex	1,620,937	0.1666421241%
Nutley Bd Of Ed	20403	Essex	908,790	0.0934291067%
Nutley Township	20400	Essex	1,142,595	0.1174656744%
Orange City	20350	Essex	826,323	0.0849510005%
Orange City Bd Of Ed	20353	Essex	916,678	0.0942400408%
Orange City Housing Authority	30200	Essex	141,378	0.0145345132%
Orange City Library	20354	Essex	42,530	0.0043723411%
Paulo Freire Charter School	53000	Essex	—	0.0000000000%
Peoples Preparatory Charter Sch	49800	Essex	289,874	0.0298007998%
Philip's Academy Charter School	53300	Essex	20,491	0.0021065987%
Philip's Academy Charter School of Paterson	56700	Essex	122,281	0.0125712261%
Pride Academy Charter School	47700	Essex	46,565	0.0047871635%
Robert Treat Academy Charter Sc	35350	Essex	212,203	0.0218157514%
Roseland Bd Of Ed	52923	Essex	103,580	0.0106486503%
Roseland Borough	52920	Essex	228,013	0.0234411150%
Roseville Community Charter Sch	50000	Essex	69,077	0.0071015333%
South Orange Twp Parking Auth	32990	Essex	27,821	0.0028601670%
South Orange Village	20570	Essex	603,527	0.0620462246%
South Orange-Maplewood Bd Of Ed	40010	Essex	834,298	0.0857708787%
Team Academy Charter School	41600	Essex	758,565	0.0779850684%
University Heights Charter Schl	46800	Essex	283,596	0.0291553835%
Verona Bd Of Ed	22033	Essex	370,687	0.0381088649%
Verona Township	22030	Essex	579,621	0.0595885433%
Visions Academy Charter Hs	50300	Essex	—	0.0000000000%
West Caldwell Township	21520	Essex	453,208	0.0465925226%
West Essex Regional Sch Dist	40520	Essex	446,221	0.0458742167%
West Orange Public Library	20284	Essex	119,247	0.0122593126%
West Orange Township	20280	Essex	1,104,735	0.1135734375%
West Orange Township Bd Of Ed	20283	Essex	2,146,008	0.2206225976%
Clayton Borough	50580	Gloucester	140,583	0.0144527824%
Clayton Borough Bd Of Ed	50583	Gloucester	225,745	0.0232079509%
Clearview Regional Bd Of Ed	40250	Gloucester	434,841	0.0447042839%
Delsea Reg High Sch District	57390	Gloucester	505,675	0.0519864474%
Deptford Township	50740	Gloucester	583,301	0.0599668696%
Deptford Twp Bd Of Ed	50743	Gloucester	1,322,769	0.1359886509%
Deptford Twp Fire District	34110	Gloucester	39,864	0.0040982602%
Deptford Twp Mua	55560	Gloucester	173,740	0.0178615225%
East Greenwich Bd Of Education	50823	Gloucester	192,170	0.0197562379%
East Greenwich Township	50820	Gloucester	166,114	0.0170775236%
Ed Information & Resource Ctr	32680	Gloucester	—	0.0000000000%
Elk Township	50890	Gloucester	50,020	0.0051423584%
Elk Twp Bd Of Ed	50893	Gloucester	55,398	0.0056952493%
Franklin Township (Gloucester)	51080	Gloucester	265,225	0.0272667336%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Franklin Twp Bd Of Ed (Glocstr)	51083	Gloucester	\$ 326,650	0.0335815950%
Gateway Regional High School	57280	Gloucester	319,660	0.0328629807%
Glassboro Bd Of Ed	21593	Gloucester	526,100	0.0540862609%
Glassboro Borough	21590	Gloucester	872,448	0.0896929294%
Glassboro Borough Housing Auth	31010	Gloucester	15,319	0.0015748858%
Gloucester Co Bd Of Social Serv	10161	Gloucester	1,313,971	0.1350841633%
Gloucester Co Housing Authority	32450	Gloucester	334,424	0.0343808092%
Gloucester Co Improvement Auth	34310	Gloucester	1,059,253	0.1088976129%
Gloucester Co Soil Conserv Dist	34200	Gloucester	18,341	0.0018855657%
Gloucester Co Sp Serv Sch Dist	32810	Gloucester	1,441,896	0.1482356268%
Gloucester Co Util Authority	31390	Gloucester	534,997	0.0550009263%
Gloucester Co Vo-Tech Sch Dist	10163	Gloucester	360,248	0.0370356725%
Gloucester County	10160	Gloucester	7,212,370	0.7414752435%
Gloucester County College	31150	Gloucester	1,102,333	0.1133264973%
Greenwich Township (Gloucester)	22200	Gloucester	211,837	0.0217781244%
Greenwich Twp Bd Ed (Gloucster)	22203	Gloucester	147,851	0.0151999767%
Harrison Township (Gloucester)	51400	Gloucester	237,460	0.0244123237%
Harrison Township Fire Dist #1	46000	Gloucester	17,486	0.0017976665%
Harrison Twp Bd Ed (Gloucester)	51403	Gloucester	254,543	0.0261685594%
Kingsway Regional School Dist	57440	Gloucester	569,089	0.0585057900%
Logan Township	51850	Gloucester	208,513	0.0214363971%
Logan Township Bd Of Ed	51853	Gloucester	165,228	0.0169864374%
Logan Twp Mun Util Authority	32070	Gloucester	68,709	0.0070637006%
Mantua Township	23650	Gloucester	269,193	0.0276746680%
Mantua Township Bd Of Ed	23653	Gloucester	253,586	0.0260701740%
Mantua Twp Mun Util Authority	32960	Gloucester	88,732	0.0091221861%
Monroe Township (Gloucester)	52200	Gloucester	759,634	0.0780949681%
Monroe Twp Bd Of Ed (Gloucester)	52203	Gloucester	643,871	0.0661938318%
Monroe Twp Mun Ut Auth (Gloucs)	55920	Gloucester	286,012	0.0294037629%
National Park Board Of Educ	26703	Gloucester	43,334	0.0044549972%
National Park Borough	52340	Gloucester	58,255	0.0059889662%
Newfield Borough	21820	Gloucester	35,722	0.0036724376%
Newfield Borough Bd Of Ed	21823	Gloucester	—	0.0000000000%
Paulsboro Boro Bd Of Ed	23293	Gloucester	254,563	0.0261706155%
Paulsboro Borough	23290	Gloucester	159,399	0.0163871810%
Pitman Bd Of Ed	22883	Gloucester	299,866	0.0308280379%
Pitman Borough	22880	Gloucester	247,124	0.0254058414%
South Harrison Township	53130	Gloucester	33,488	0.0034427689%
South Harrison Twp Bd Of Ed	53133	Gloucester	16,620	0.0017086365%
Swedesboro Borough	22270	Gloucester	63,861	0.0065652969%
Swedesboro Woolwich Bd Of Ed	57520	Gloucester	238,180	0.0244863441%
Washington Twp (Gloucester)	22800	Gloucester	706,797	0.0726630050%
Washington Twp Bd Of Ed (Glouc)	22803	Gloucester	1,937,785	0.1992160143%
Washington Twp Bd Of Fire Comm	34460	Gloucester	23,517	0.0024176898%
Washington Twp Mua (Gloucester)	55760	Gloucester	213,834	0.0219834281%
Wenonah Borough	23390	Gloucester	51,487	0.0052931749%
Wenonah Borough Bd Of Ed	23393	Gloucester	27,181	0.0027943711%
West Deptford Township	23660	Gloucester	611,738	0.0628903651%
West Deptford Twp Bd Of Ed	23663	Gloucester	566,434	0.0582328400%
Westville Board Of Ed	22893	Gloucester	42,965	0.0044170618%
Westville Borough	22890	Gloucester	149,193	0.0153379425%
Westville Fire District # 1	35130	Gloucester	15,088	0.0015511376%

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Woodbury City	21730	Gloucester	\$ 283,837	0.0291801597%
Woodbury City Bd Of Ed	21733	Gloucester	326,567	0.0335730621%
Woodbury Heights Board Of Ed	53803	Gloucester	23,589	0.0024250918%
Woodbury Heights Borough	53800	Gloucester	90,428	0.0092965451%
Woolwich Township	53840	Gloucester	160,099	0.0164591452%
Bayonne Board Of Ed	21273	Hudson	2,391,808	0.2458923238%
Bayonne City	21270	Hudson	2,255,425	0.2318713268%
Bayonne Housing Authority	30290	Hudson	486,845	0.0500506096%
Bayonne Local Redevelop. Agency	41500	Hudson	—	0.0000000000%
Beloved Community Charter School	52400	Hudson	153,678	0.0157990276%
Dr Lena Edwards Acad Chrtr Schl	49900	Hudson	121,865	0.0125284588%
East Newark Borough	50840	Hudson	31,352	0.0032231752%
East Newark Borough Bd Of Ed	70013	Hudson	45,228	0.0046497119%
Elysian Charter Sch Of Hoboken	35330	Hudson	107,752	0.0110775571%
Empowerment Academy Charter School Inc	55800	Hudson	117,316	0.0120607941%
Ethical Comm Chrtr Schl - J.C.	48300	Hudson	69,458	0.0071407024%
Great Futures Charter High School	54600	Hudson	42,181	0.0043364618%
Guttenberg Boro Bd Of Ed	70023	Hudson	116,135	0.0119393802%
Guttenberg Housing Authority	30970	Hudson	65,963	0.0067813952%
Guttenberg Town	51260	Hudson	296,655	0.0304979276%
Harrison Town (Hudson)	21160	Hudson	747,274	0.0768242854%
Harrison Town Bd Of Ed(Hudson)	21163	Hudson	468,189	0.0481326600%
Harrison Town Housing Authority	30120	Hudson	130,165	0.0133817490%
Hoboken Board Of Education	21123	Hudson	634,681	0.0652490442%
Hoboken Charter School	35490	Hudson	47,086	0.0048407255%
Hoboken City	21120	Hudson	2,374,118	0.2440736848%
Hoboken Dual Language Ch School	48900	Hudson	202,746	0.0208435146%
Hoboken Housing Authority	30220	Hudson	292,352	0.0300555532%
Hudson Co Community College	32260	Hudson	1,117,319	0.1148671487%
Hudson Co Economic Develop Corp	38400	Hudson	10,523	0.0010818280%
Hudson Co Improvement Auth	34430	Hudson	588,841	0.0605364151%
Hudson Co Schools Of Technology	60023	Hudson	1,519,717	0.1562360961%
Hudson County	60020	Hudson	14,623,865	1.5034217409%
Hudson Reg Health Commission	31650	Hudson	260,536	0.0267846761%
Jersey City	51640	Hudson	3,929,554	0.4039819101%
Jersey City Comm Charter School	35420	Hudson	142,099	0.0146086364%
Jersey City Global Charter School	54100	Hudson	32,235	0.0033139529%
Jersey City Golden Door Charter	35610	Hudson	89,991	0.0092516189%
Jersey City Housing Authority	30060	Hudson	1,252,687	0.1287837976%
Jersey City Incinerator Auth	31050	Hudson	—	0.0000000000%
Jersey City Municipal Ut. Auth	31250	Hudson	1,037,688	0.1066806005%
Jersey City Parking Auth	56060	Hudson	—	0.0000000000%
Jersey City Public Schools	70033	Hudson	9,746,230	1.0019713717%
Jersey City Redevel Agency	30800	Hudson	141,098	0.0145057275%
Kearny Municipal Util Auth	34970	Hudson	44,890	0.0046149634%
Kearny Town	20390	Hudson	813,820	0.0836656165%
Kearny Town Bd Of Ed	20393	Hudson	989,595	0.1017363493%
Learning Comm. Charter School	35390	Hudson	80,725	0.0082990181%
Liberty Academy Charter School	37600	Hudson	—	0.0000000000%
Mets Charter School	49600	Hudson	68,732	0.0070660652%
North Bergen Bd Of Ed	21443	Hudson	1,453,559	0.1494346537%
North Bergen Housing Authority	30490	Hudson	255,059	0.0262216073%

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North Bergen M.U.A.	34710	Hudson	\$ 455,905	0.0468697905%
North Bergen Parking Authority	41800	Hudson	117,066	0.0120350926%
North Bergen Township	21440	Hudson	1,523,578	0.1566330303%
North Hudson Reg Fire & Rescue	36300	Hudson	173,749	0.0178624477%
North Hudson Sewerage Authority	34850	Hudson	75,129	0.0077237154%
Schomburg Charter School	39600	Hudson	—	0.0000000000%
Secaucus Housing Authority	48000	Hudson	68,861	0.0070793271%
Secaucus Municipal Util. Auth.	43800	Hudson	193,490	0.0198919419%
Secaucus Town	21650	Hudson	1,378,415	0.1417093962%
Secaucus Town Bd Of Ed	21653	Hudson	501,959	0.0516044201%
Soaring Heights Charter School	35400	Hudson	50,995	0.0052425943%
Union City	21290	Hudson	1,509,826	0.1552192415%
Union City Bd Of Ed	21293	Hudson	4,517,955	0.4644730905%
Union City Housing Authority	30400	Hudson	185,271	0.0190469790%
Union City Parking Authority	30660	Hudson	61,863	0.0063598904%
University Academy Charter Hs	41100	Hudson	60,803	0.0062509160%
Weehawken Township	21110	Hudson	1,077,974	0.1108222449%
Weehawken Twp Bd Of Ed	21113	Hudson	269,418	0.0276977994%
Weehawken Twp Housing Authority	31960	Hudson	26,698	0.0027447158%
West New York Bd Of Ed	21303	Hudson	2,071,738	0.2129871926%
West New York Housing Authority	30480	Hudson	247,531	0.0254476834%
West New York Parking Authority	56180	Hudson	93,337	0.0095956079%
West New York Town	21300	Hudson	1,057,337	0.1087006365%
Alexandria Township	50020	Hunterdon	85,417	0.0087813840%
Alexandria Twp Bd Of Ed	50023	Hunterdon	83,234	0.0085569585%
Bethlehem Township	50290	Hunterdon	84,443	0.0086812510%
Bethlehem Twp Bd Of Ed	50293	Hunterdon	95,487	0.0098166409%
Bloomsbury Borough	50320	Hunterdon	12,656	0.0013011133%
Bloomsbury Borough Bd Of Ed	50323	Hunterdon	13,922	0.0014312658%
Califon Boro Bd Of Ed	50463	Hunterdon	15,501	0.0015935965%
Califon Borough	50460	Hunterdon	17,682	0.0018178165%
Clinton Town	50600	Hunterdon	200,963	0.0206602115%
Clinton Town Bd Of Ed	50603	Hunterdon	105,368	0.0108324675%
Clinton Township	23260	Hunterdon	248,887	0.0255870884%
Clinton Twp Bd Of Ed	23263	Hunterdon	308,860	0.0317526754%
Clinton Twp Sew Authority	32930	Hunterdon	9,308	0.0009569187%
Delaware Township	23380	Hunterdon	99,655	0.0102451365%
Delaware Twp Bd Of Ed	23383	Hunterdon	87,625	0.0090083798%
Delaware Twp Mun Util Auth	55850	Hunterdon	1,574	0.0001618167%
Delaware Valley Reg H S Dist	40280	Hunterdon	443,160	0.0455595274%
East Amwell Township	50800	Hunterdon	80,644	0.0082906908%
East Amwell Township Bd Of Ed	50803	Hunterdon	97,187	0.0099914112%
Flemington Borough	22320	Hunterdon	134,566	0.0138341984%
Flemington Raritan Bd Of Ed	40270	Hunterdon	418,734	0.0430483870%
Franklin Township (Hunterdon)	51090	Hunterdon	63,567	0.0065350719%
Franklin Twp Bd Of Ed (Huntrdn)	51093	Hunterdon	66,375	0.0068237513%
Frenchtown Borough	51150	Hunterdon	58,015	0.0059642928%
Frenchtown Borough Bd Of Ed	51153	Hunterdon	27,292	0.0028057826%
Glen Gardner Borough	51180	Hunterdon	36,982	0.0038019732%
Hampton Borough	51330	Hunterdon	37,355	0.0038403199%
Hampton Borough Bd Of Ed	51333	Hunterdon	24,856	0.0025553471%
High Bridge Borough	51450	Hunterdon	65,774	0.0067619649%

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
High Bridge Borough Bd Of Ed	51453	Hunterdon	\$ 47,381	0.0048710533%
Holland Township	23250	Hunterdon	103,134	0.0106027988%
Holland Twp Bd Of Ed	23253	Hunterdon	161,655	0.0166191114%
Hunterdon Central High School	40290	Hunterdon	1,010,850	0.1039214918%
Hunterdon Co Board Social Ser.	10181	Hunterdon	182,909	0.0188041511%
Hunterdon Co Educ Srvcs Comm	33030	Hunterdon	876,628	0.0901226587%
Hunterdon Co Soil Conserv Dist	32360	Hunterdon	29,057	0.0029872353%
Hunterdon County	10180	Hunterdon	2,843,650	0.2923444133%
Hunterdon County Vocational	35140	Hunterdon	84,109	0.0086469137%
Kingwood Township	22340	Hunterdon	89,469	0.0091979541%
Kingwood Township Bd Of Ed	22343	Hunterdon	84,109	0.0086469137%
Lambertville City	23700	Hunterdon	105,502	0.0108462435%
Lambertville City Bd Of Ed	51713	Hunterdon	—	0.0000000000%
Lambertville City Fire Dist #1	44300	Hunterdon	8,897	0.0009146654%
Lambertville Sewerage Auth	55190	Hunterdon	67,655	0.0069553431%
Lebanon Borough	51750	Hunterdon	23,900	0.0024570645%
Lebanon Borough Bd Of Ed	51753	Hunterdon	24,885	0.0025583285%
Lebanon Township	23510	Hunterdon	113,091	0.0116264386%
Lebanon Township Bd Of Ed	23513	Hunterdon	150,719	0.0154948245%
Milford Borough	22900	Hunterdon	56,821	0.0058415424%
Milford Borough Bd Of Ed	22903	Hunterdon	25,603	0.0026321432%
North Hunterdon Municipal Court	31040	Hunterdon	—	0.0000000000%
North Hunterdon-Voorhees	40260	Hunterdon	588,089	0.0604591049%
Raritan Township	52810	Hunterdon	479,166	0.0492611619%
Raritan Twp Mun Util Authority	31640	Hunterdon	251,732	0.0258795716%
Readington Township	23470	Hunterdon	406,473	0.0417878820%
Readington Twp Bd Of Ed	23473	Hunterdon	466,928	0.0480030215%
Readington-Lebanon Sew Auth	32550	Hunterdon	51,892	0.0053348113%
South Hunterdon Reg Bd Of Ed	40300	Hunterdon	—	0.0000000000%
South Hunterdon Regional School District	40900	Hunterdon	313,538	0.0322336021%
Stockton Borough	53210	Hunterdon	10,966	0.0011273711%
Stockton Borough Bd Of Ed	53213	Hunterdon	—	0.0000000000%
Tewksbury Township	53310	Hunterdon	168,158	0.0172876591%
Tewksbury Twp Bd Of Ed	53313	Hunterdon	135,252	0.0139047234%
Union Township (Hunterdon)	23420	Hunterdon	53,451	0.0054950860%
Union Twp Of Ed (Hunterdon)	23423	Hunterdon	101,041	0.0103876257%
West Amwell Township	23560	Hunterdon	67,435	0.0069327257%
West Amwell Twp Bd Of Ed	23563	Hunterdon	—	0.0000000000%
East Windsor Mun Util Authority	55470	Mercer	264,271	0.0271686566%
East Windsor Reg School Dist	40310	Mercer	1,182,768	0.1215957017%
East Windsor Township	50860	Mercer	471,646	0.0484880605%
Emily Fisher Charter School	35530	Mercer	—	0.0000000000%
Ewing Lawrence Sewerage Auth	30320	Mercer	521,203	0.0535828197%
Ewing Township	21740	Mercer	1,111,921	0.1143122017%
Ewing Township Bd Of Ed	21743	Mercer	950,193	0.0976855855%
Foundation Academy Charter Schl	46900	Mercer	286,125	0.0294153800%
Hamilton Township (Mercer)	21070	Mercer	3,505,416	0.3603779593%
Hamilton Twp Bd Of Ed (Mercer)	21073	Mercer	2,694,441	0.2770048260%
Hamilton Twp Fire District 2	30830	Mercer	10,983	0.0011291188%
Hamilton Twp Fire District 4	56020	Mercer	—	0.0000000000%
Hamilton Twp Fire District 5	56040	Mercer	856	0.0000880020%
Hamilton Twp Fire District 6	55330	Mercer	10,858	0.0011162680%

**STATE OF NEW JERSEY  
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Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
Hamilton Twp Fire District 7	30910	Mercer	\$ 18,167	0.0018676774%
Hamilton Twp Fire District 8	32940	Mercer	1,430	0.0001470126%
Hamilton Twp Fire District 9	31410	Mercer	2,121	0.0002180516%
Hightstown Boro Housing Auth	31180	Mercer	30,431	0.0031284908%
Hightstown Borough	51470	Mercer	218,423	0.0224552050%
Hopewell Borough	23600	Mercer	81,461	0.0083746833%
Hopewell Township (Mercer)	51560	Mercer	550,145	0.0565582323%
Hopewell Twp Fire District 1	35260	Mercer	19,917	0.0020475880%
Hopewell Valley Reg Sch Dist	40320	Mercer	1,124,569	0.1156124926%
International Academy of Trenton	54700	Mercer	149,367	0.0153558307%
International Charter School	35690	Mercer	31,294	0.0032172124%
Lawrence Township (Mercer)	21420	Mercer	876,204	0.0900790689%
Lawrence Twp Bd Of Ed (Mercer)	21423	Mercer	1,069,503	0.1099513748%
Mercer Co Bd Of Social Service	10171	Mercer	3,949,924	0.4060760693%
Mercer Co Community College	55500	Mercer	1,350,247	0.1388135555%
Mercer Co Improvement Authority	31370	Mercer	203,818	0.0209537227%
Mercer Co Soil Conservtn Dist	33060	Mercer	22,985	0.0023629970%
Mercer Co Special Ser Sch Dist	32670	Mercer	1,052,749	0.1082289623%
Mercer Co Vocational Schools	10173	Mercer	259,950	0.0267244317%
Mercer County	10170	Mercer	1,141,353	0.1173379893%
Mercer County	10178	Mercer	7,232,597	0.7435547014%
Ocean Grove Bd Of Fire Comm	31680	Mercer	2,458	0.0002526973%
Pace Charter School Of Hamilton	37400	Mercer	55,935	0.0057504562%
Paul Robeson Chtr School	48200	Mercer	89,890	0.0092412355%
Pennington Borough	22910	Mercer	97,742	0.0100484686%
Princeton	51500	Mercer	1,400,858	0.1440166723%
Princeton Borough	20020	Mercer	—	0.0000000000%
Princeton Charter School	35310	Mercer	54,138	0.0055657137%
Princeton Housing Authority	55520	Mercer	46,096	0.0047389475%
Princeton Joint Public Library	40110	Mercer	328,001	0.0337204860%
Princeton Regional School	40180	Mercer	1,402,689	0.1442049101%
Princeton Township	20140	Mercer	—	0.0000000000%
Robbinsville Township	53570	Mercer	501,756	0.0515835505%
Robbinsville Twp Bd Of Ed	53573	Mercer	359,485	0.0369572315%
Trenton City	21780	Mercer	4,489,031	0.4614995284%
Trenton City Bd Of Ed	21783	Mercer	2,067,839	0.2125863518%
Trenton Housing Authority	30130	Mercer	408,294	0.0419750918%
Trenton Parking Authority	30580	Mercer	18,142	0.0018651073%
Trenton Stem to Civics Charter	54400	Mercer	110,074	0.0113162727%
Village Charter School	37100	Mercer	49,252	0.0050634034%
West Windsor Parking Authority	32110	Mercer	38,113	0.0039182468%
West Windsor Plainsboro Reg	40440	Mercer	1,544,324	0.1587658445%
West Windsor Township	53720	Mercer	874,371	0.0898906254%
Academy For Urban Leadership	49100	Middlesex	111,325	0.0114448831%
Carteret Bd Of Ed	21333	Middlesex	557,255	0.0572891833%
Carteret Borough	21330	Middlesex	630,293	0.0647979313%
Carteret Housing Authority	56140	Middlesex	125,122	0.0128632981%
Carteret Port Authority	45200	Middlesex	548	0.0000563377%
Carteret Redevelopment Agency	42000	Middlesex	4,981	0.0005120769%
Cranbury Township	50650	Middlesex	193,031	0.0198447539%
Cranbury Township Bd Of Ed	50653	Middlesex	122,891	0.0126339378%
Dunellen Board Of Education	50773	Middlesex	226,108	0.0232452695%

**STATE OF NEW JERSEY  
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Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
Dunellen Borough	50770	Middlesex	\$ 120,961	0.0124355222%
Dunellen Parking Authority	55700	Middlesex	10,470	0.0010763793%
East Brunswick Township	22410	Middlesex	1,727,224	0.1775690704%
East Brunswick Twp Bd Of Ed	22413	Middlesex	1,915,257	0.1968999996%
East Brunswick Twp Fire Dist #1	34960	Middlesex	26,006	0.0026735740%
East Brunswick Twp Fire Dist #2	34840	Middlesex	18,299	0.0018812478%
Edison Township	21450	Middlesex	2,460,778	0.2529828568%
Edison Twp Bd Of Ed	21453	Middlesex	2,803,199	0.2881858059%
Edison Twp Housing Authority	30600	Middlesex	57,710	0.0059329369%
Greater Brunswick Chart.School	35560	Middlesex	102,240	0.0105108902%
Hatikvah Internat'L Acad Chrtr	49200	Middlesex	74,125	0.0076204982%
Helmetta Borough	51440	Middlesex	36,212	0.0037228125%
Highland Park Bd Of Ed	23093	Middlesex	373,956	0.0384449378%
Highland Park Borough	23090	Middlesex	487,628	0.0501311067%
Highland Park Housing Authority	56400	Middlesex	18,531	0.0019050988%
Jamesburg Borough	51620	Middlesex	118,541	0.0121867315%
Jamesburg Borough Bd Of Ed	51623	Middlesex	59,773	0.0061450258%
Metuchen Boro Bd Of Ed	22783	Middlesex	432,443	0.0444577550%
Metuchen Borough	22780	Middlesex	379,802	0.0390459420%
Metuchen Parking Authority	56030	Middlesex	4,064	0.0004178038%
Middle Brook Reg Health Comm	31480	Middlesex	34,804	0.0035780616%
Middlesex Bd Of Ed	20963	Middlesex	463,225	0.0476223308%
Middlesex Borough	20960	Middlesex	391,686	0.0402676890%
Middlesex Co Bd Of Social Srv	10041	Middlesex	2,678,014	0.2753160310%
Middlesex Co Ed Serv Comm	32590	Middlesex	943,442	0.0969915418%
Middlesex Co Jt Health Ins Fund	35280	Middlesex	—	0.0000000000%
Middlesex Co Mosq Extern Comm	10042	Middlesex	142,743	0.0146748435%
Middlesex Co Mun Jt Ins Fund	34490	Middlesex	54,813	0.0056351078%
Middlesex Co Utilities Auth	30560	Middlesex	1,970,228	0.2025513508%
Middlesex Co Vocational School	10043	Middlesex	683,603	0.0702785216%
Middlesex County	10040	Middlesex	10,450,495	1.0743740720%
Middlesex County College	30940	Middlesex	2,329,099	0.2394454594%
Middlesex County Improv Auth	35120	Middlesex	2,201,658	0.2263437541%
Milltown Borough	22230	Middlesex	312,127	0.0320885428%
Milltown Borough Bd Of Ed	22233	Middlesex	141,787	0.0145765609%
Monroe Township (Middlesex)	52210	Middlesex	2,193,021	0.2254558183%
Monroe Twp Bd Of Ed (Middlesex)	52213	Middlesex	1,729,883	0.1778424316%
Monroe Twp Fire District 1	35600	Middlesex	3,903	0.0004012520%
Monroe Twp Fire District 2	34510	Middlesex	6,260	0.0006435658%
Monroe Twp Fire District 3	34870	Middlesex	41,337	0.0042496935%
New Brunswick Bd Of Ed	20193	Middlesex	2,742,154	0.2819100108%
New Brunswick City	20190	Middlesex	1,915,840	0.1969599356%
New Brunswick Housing Authority	30250	Middlesex	128,191	0.0131788099%
New Brunswick Parking Authority	30430	Middlesex	333,151	0.0342499371%
North Brunswick Bd Of Ed	23333	Middlesex	1,257,702	0.1292993699%
North Brunswick Township	23330	Middlesex	1,042,767	0.1072027524%
Old Bridge Bd Of Ed	51933	Middlesex	1,633,183	0.1679010870%
Old Bridge Housing Authority	42600	Middlesex	—	0.0000000000%
Old Bridge Municipal Util Auth	34340	Middlesex	729,387	0.0749853936%
Old Bridge Township	51930	Middlesex	1,434,963	0.1475228725%
Old Bridge Twp Fire District 2	55740	Middlesex	30,258	0.0031107053%
Old Bridge Twp Fire District 3	34470	Middlesex	27,840	0.0028621203%



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Schedule of Employer and Nonemployer Allocations

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Perth Amboy Bd Of Ed	20203	Middlesex	\$ 4,033,352	0.4146529721%
Perth Amboy City	20200	Middlesex	1,607,085	0.1652180548%
Perth Amboy Housing Authority	30380	Middlesex	270,610	0.0278203442%
Perth Amboy Port Authority	34250	Middlesex	—	0.0000000000%
Piscataway Bd Of Ed Admn Bldg	22623	Middlesex	1,705,711	0.1753574039%
Piscataway Township	22620	Middlesex	1,479,334	0.1520844796%
Plainsboro Township	52720	Middlesex	780,325	0.0802221280%
Plainsboro Twp Fire District 1	34950	Middlesex	2,190	0.0002251452%
Sayreville Bd Of Ed_Selover Elm	21023	Middlesex	1,054,777	0.1084374530%
Sayreville Borough	21020	Middlesex	1,414,197	0.1453880021%
Sayreville Econ & Redev. Agency	42700	Middlesex	8,758	0.0009003754%
Sayreville Housing Authority	34330	Middlesex	—	0.0000000000%
South Amboy Bd Of Ed	23633	Middlesex	180,413	0.0185475472%
South Amboy City	23630	Middlesex	316,766	0.0325654600%
South Amboy Housing Authority	56380	Middlesex	50,620	0.0052040421%
South Brunswick Bd Of Ed	23033	Middlesex	2,325,040	0.2390281697%
South Brunswick Township	23030	Middlesex	2,068,551	0.2126595497%
South Plainfield Bd Of Ed	21833	Middlesex	556,130	0.0571735265%
South Plainfield Borough	21830	Middlesex	657,722	0.0676177983%
South River Boro Bd Of Ed	20493	Middlesex	198,187	0.0203748219%
South River Borough	20490	Middlesex	632,568	0.0650318150%
Spotswood Bd Of Ed	53163	Middlesex	325,655	0.0334793030%
Spotswood Borough	53160	Middlesex	254,995	0.0262150278%
Woodbridge Housing Authority	55350	Middlesex	212,910	0.0218884353%
Woodbridge Township	21960	Middlesex	5,005,257	0.5145706824%
Woodbridge Township Bd Of Ed	21963	Middlesex	2,135,480	0.2195402556%
Woodbridge Twp Fire Dist 4	54200	Middlesex	4,964	0.0005103292%
Woodbridge Twp Fire Dist 5	34910	Middlesex	23,307	0.0023961005%
Woodbridge Twp Fire District 1	56050	Middlesex	10,403	0.0010694913%
Woodbridge Twp Fire District 11	34830	Middlesex	6,118	0.0006289674%
Woodbridge Twp Fire District 12	35360	Middlesex	4,005	0.0004117382%
Woodbridge Twp Fire District 2	56230	Middlesex	2,053	0.0002110608%
Woodbridge Twp Fire District 7	35800	Middlesex	45,466	0.0046741797%
Woodbridge Twp Fire District 8	36000	Middlesex	5,925	0.0006091258%
Woodbridge Twp Fire District 9	32090	Middlesex	33,638	0.0034581898%
Aberdeen Township	52050	Monmouth	517,459	0.0531979139%
Aberdeen Twp Fire Dist 2	34150	Monmouth	16,231	0.0016686449%
Aberdeen Twp Fire District 1	32620	Monmouth	26,671	0.0027419401%
Academy Charter High School	35540	Monmouth	41,601	0.0042768343%
Allenhurst Borough	21570	Monmouth	118,221	0.0121538336%
Allentown Borough	50050	Monmouth	37,945	0.0039009754%
Asbury Park Bd Of Ed	20163	Monmouth	1,137,898	0.1169827944%
Asbury Park City	20160	Monmouth	786,223	0.0808284781%
Asbury Pk Housing Authority	30230	Monmouth	89,866	0.0092387681%
Atl Highlands-Highlands Reg S A	34350	Monmouth	—	0.0000000000%
Atlantic Highlands	23100	Monmouth	283,497	0.0291452057%
Atlantic Highlands Bd Of Ed	23103	Monmouth	62,524	0.0064278452%
Avon By The Sea	20610	Monmouth	173,314	0.0178177271%
Avon By The Sea Boro Bd Of Ed	20613	Monmouth	26,107	0.0026839574%
Belmar Boro Bd Of Ed	21583	Monmouth	54,265	0.0055787701%
Belmar Borough	21580	Monmouth	357,393	0.0367421613%
Belmar Housing Authority	56290	Monmouth	4,733	0.0004865810%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Bradley Beach Bd Of Ed	20633	Monmouth	\$ 65,014	0.0066838323%
Bradley Beach Borough	20630	Monmouth	218,922	0.0225065052%
Brielle Boro Bd Of Ed	20853	Monmouth	109,449	0.0112520190%
Brielle Borough	20850	Monmouth	179,535	0.0184572835%
Brookdale Community College	31280	Monmouth	1,512,004	0.1554431531%
Colts Neck Township	23110	Monmouth	261,297	0.0268629115%
Colts Neck Twp Bd Of Ed	23113	Monmouth	396,523	0.0407649619%
Deal Boro Bd Of Ed	20293	Monmouth	15,233	0.0015660445%
Deal Borough	20290	Monmouth	188,743	0.0194039216%
Eatontown Bd Of Ed	21483	Monmouth	162,048	0.0166595142%
Eatontown Borough	21480	Monmouth	515,948	0.0530425739%
Eatontown Sewerage Authority	31110	Monmouth	50,376	0.0051789574%
Englishtown Borough	50940	Monmouth	43,964	0.0045197650%
Fair Haven Borough	21790	Monmouth	160,075	0.0164566778%
Fair Haven Borough Bd Of Ed	21793	Monmouth	227,780	0.0234171612%
Farmingdale Bd Of Ed	51003	Monmouth	17,059	0.0017537683%
Farmingdale Borough	51000	Monmouth	25,905	0.0026631906%
Freehold Boro Bd Of Ed	21693	Monmouth	334,201	0.0343578834%
Freehold Boro Housing Authority	31700	Monmouth	17,363	0.0017850214%
Freehold Borough	21690	Monmouth	347,749	0.0357506998%
Freehold Reg H S District	57130	Monmouth	2,425,563	0.2493625419%
Freehold Soil Con Dist	32240	Monmouth	165,447	0.0170089519%
Freehold Township	51130	Monmouth	990,873	0.1018677354%
Freehold Twp Bd Of Ed	51133	Monmouth	1,476,727	0.1518164642%
Hazlet Township	52820	Monmouth	358,937	0.0369008938%
Hazlet Twp Bd Of Ed	52823	Monmouth	712,347	0.0732335786%
Hazlet Twp Fire Dist	35290	Monmouth	7,529	0.0007740267%
Henry Hudson Reg Sch Dist	40430	Monmouth	58,385	0.0060023310%
Highlands Boro Bd Of Ed	21353	Monmouth	42,753	0.0043952669%
Highlands Borough	21350	Monmouth	100,245	0.0103057921%
Highlands Housing Auth	55950	Monmouth	18,789	0.0019316228%
Holmdel Township	23120	Monmouth	569,413	0.0585390992%
Holmdel Township Bd Of Ed	23123	Monmouth	1,023,444	0.1052162312%
Hope Academy Charter School	40600	Monmouth	23,795	0.0024462699%
Howell Township	22220	Monmouth	1,182,653	0.1215838790%
Howell Twp Bd Of Ed	22223	Monmouth	1,870,453	0.1922938775%
Howell Twp Fire District 1	35520	Monmouth	10,861	0.0011165765%
Howell Twp Fire District 2	46500	Monmouth	3,613	0.0003714382%
Howell Twp Fire District 3	34770	Monmouth	18,883	0.0019412866%
Howell Twp Fire District 4	38500	Monmouth	—	0.0000000000%
Interlaken Borough	23280	Monmouth	62,473	0.0064226021%
Keansburg Board Of Education	20923	Monmouth	361,163	0.0371297401%
Keansburg Boro Housing Auth	56300	Monmouth	15,045	0.0015467170%
Keansburg Borough	20920	Monmouth	325,438	0.0334569941%
Keyport Borough	21610	Monmouth	222,288	0.0228525504%
Keyport Borough Bd Of Ed	21613	Monmouth	221,601	0.0227819226%
Lake Como Borough	53100	Monmouth	94,078	0.0096717872%
Little Silver Bd Of Ed	23233	Monmouth	140,759	0.0144708763%
Little Silver Borough	23230	Monmouth	229,489	0.0235928567%
Loch Arbour Village	23450	Monmouth	8,105	0.0008332430%
Long Branch Bd Of Ed	21133	Monmouth	1,720,355	0.1768628956%
Long Branch City	21130	Monmouth	1,348,957	0.1386809357%

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
Long Branch City Housing Auth	30140	Monmouth	\$ 275,571	0.0283303650%
Long Branch Sewerage Authority	30340	Monmouth	204,262	0.0209993686%
Manalapan Englishtown Regional	57250	Monmouth	1,338,715	0.1376279961%
Manalapan Fire District 2	46200	Monmouth	14,750	0.0015163892%
Manalapan Township	51960	Monmouth	664,230	0.0682868601%
Manalapan Twp Fire District 1	44800	Monmouth	2,226	0.0002288463%
Manasquan Boro Fire District 1	44900	Monmouth	9,015	0.0009267965%
Manasquan Borough	20940	Monmouth	270,978	0.0278581768%
Manasquan Borough Bd Of Ed	20943	Monmouth	328,891	0.0338119833%
Marlboro Township	23360	Monmouth	1,095,201	0.1125932846%
Marlboro Township Bd Of Ed	23363	Monmouth	1,122,940	0.1154450215%
Marlboro Twp Fire District 3	46300	Monmouth	—	0.0000000000%
Matawan Aberdeen Public Lib	31420	Monmouth	46,270	0.0047568358%
Matawan Borough	20950	Monmouth	228,597	0.0235011537%
Matawan-Aberdeen Reg School	40400	Monmouth	621,856	0.0639305567%
Middletown Township	22350	Monmouth	1,474,239	0.1515606828%
Middletown Twp Bd Of Ed	22353	Monmouth	1,929,158	0.1983291065%
Middletown Twp Housing Auth	31980	Monmouth	56,820	0.0058414395%
Middletown Twp Sewerage Auth	55730	Monmouth	300,855	0.0309297130%
Millstone Township	52170	Monmouth	158,752	0.0163206654%
Millstone Township Bd Of Ed	23823	Monmouth	338,764	0.0348269874%
Millstone Township Fire Dist #1	43400	Monmouth	20,548	0.0021124586%
Mnmuth Co Bayshore Outfl Auth	31770	Monmouth	57,940	0.0059568523%
Monmouth Beach Bd Of Ed	21373	Monmouth	39,259	0.0040360626%
Monmouth Beach Borough	21370	Monmouth	126,504	0.0130053761%
Monmouth Co Div Of Social Servi	10081	Monmouth	2,229,596	0.2292159494%
Monmouth Co Health Department	32730	Monmouth	330,967	0.0340254087%
Monmouth Co Mosq Exterm Comm	10082	Monmouth	—	0.0000000000%
Monmouth Co Reg Hlth Comm 1	31130	Monmouth	134,259	0.0138026370%
Monmouth Co Vocational Schools	10083	Monmouth	473,542	0.0486829807%
Monmouth County/Hall Of Records	10080	Monmouth	12,782,898	1.3141592025%
Monmouth Regional School	40090	Monmouth	372,847	0.0383309259%
Neptune City Bd Of Ed	21813	Monmouth	57,827	0.0059449652%
Neptune City Borough	21810	Monmouth	152,537	0.0156817259%
Neptune City Housing Authority	32950	Monmouth	—	0.0000000000%
Neptune Fire District 1	45900	Monmouth	24,083	0.0024758780%
Neptune Township	21230	Monmouth	969,481	0.0996685085%
Neptune Twp Bd Of Ed	21233	Monmouth	1,020,788	0.1049431783%
Neptune Twp Housing Authority	30690	Monmouth	111,405	0.0114531076%
Neptune Twp Sewerage Authority	31970	Monmouth	196,953	0.0202479592%
Ocean Grove Sewerage Authority	45700	Monmouth	9,150	0.0009406753%
Ocean Township (Monmouth)	22000	Monmouth	858,364	0.0882450090%
Ocean Twp Bd Of Ed (Monmouth)	22003	Monmouth	1,000,035	0.1028096444%
Ocean Twp Fire District 1	34670	Monmouth	41,088	0.0042240948%
Ocean Twp Fire District 2	34260	Monmouth	30,247	0.0031095745%
Ocean Twp Sewerage Authority	55540	Monmouth	145,929	0.0150023835%
Oceanport Borough	21180	Monmouth	108,993	0.0112051394%
Oceanport Schools	21183	Monmouth	103,261	0.0106158551%
Red Bank Bd Of Ed	21723	Monmouth	432,056	0.0444179691%
Red Bank Boro Housing Auth	56120	Monmouth	15,430	0.0015862973%
Red Bank Borough	21720	Monmouth	607,258	0.0624297940%
Red Bank Charter School	35670	Monmouth	47,879	0.0049222507%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Red Bank Regional High School	40450	Monmouth	\$ 342,997	0.0352621654%
Roosevelt Borough	52910	Monmouth	23,308	0.0023962033%
Roosevelt Borough Bd Of Ed	52913	Monmouth	11,499	0.0011821667%
Rumson Boro Bd Of Ed	21203	Monmouth	149,761	0.0153963363%
Rumson Borough	21200	Monmouth	398,849	0.0410040887%
Rumson Fair Haven Regional H.S.	40070	Monmouth	162,139	0.0166688695%
Sea Bright Boro	23590	Monmouth	98,429	0.0101190963%
Sea Girt Bd Of Ed	21033	Monmouth	25,622	0.0026340965%
Sea Girt Borough	21030	Monmouth	186,517	0.0191750753%
Shore Regional H S District	57270	Monmouth	129,678	0.0133316825%
Shrewsbury Borough	22630	Monmouth	246,369	0.0253282228%
Shrewsbury Borough Bd Of Ed	22633	Monmouth	124,603	0.0128099418%
Shrewsbury Township	22090	Monmouth	11,949	0.0012284294%
Spring Lake Boro Bd Of Ed	21043	Monmouth	74,509	0.0076599757%
Spring Lake Borough	21040	Monmouth	357,376	0.0367404136%
Spring Lake Heights Bd Of Ed	21773	Monmouth	52,509	0.0053982427%
Spring Lake Heights Borough	21770	Monmouth	145,415	0.0149495412%
Tinton Falls Board Of Education	40100	Monmouth	261,361	0.0268694910%
Tinton Falls Borough	22130	Monmouth	724,528	0.0744858590%
Union Beach Boro Bd Of Ed	53363	Monmouth	121,635	0.0125048134%
Union Beach Borough	53360	Monmouth	187,060	0.0192308990%
Upper Freehold Regional	40390	Monmouth	533,263	0.0548226606%
Upper Freehold Township	23710	Monmouth	106,395	0.0109380493%
Wall Township	22380	Monmouth	1,209,388	0.1243323986%
Wall Township Bd Of Ed	22383	Monmouth	1,152,709	0.1185054547%
Wall Township Fire District 2	44000	Monmouth	1,198	0.0001231616%
Wall Township Fire District 3	39800	Monmouth	33,138	0.0034067868%
West Long Branch Bd Of Ed	53673	Monmouth	60,100	0.0061786434%
West Long Branch Borough	53670	Monmouth	117,307	0.0120598689%
Boonton Housing Authority	56480	Morris	34,794	0.0035770336%
Boonton Town	21150	Morris	378,773	0.0389401545%
Boonton Town Bd Of Ed	21153	Morris	384,425	0.0395212143%
Boonton Township	50330	Morris	61,024	0.0062736362%
Boonton Twp Bd Of Ed	50333	Morris	118,788	0.0122121246%
Butler Boro Bd Of Ed	20043	Morris	218,011	0.0224128489%
Butler Borough	20040	Morris	592,678	0.0609308819%
Chatham Borough	20640	Morris	352,002	0.0361879339%
Chatham Jnt Free Public Library	20644	Morris	116,919	0.0120199801%
Chatham Township	22400	Morris	370,210	0.0380598264%
Chathams School District	40540	Morris	700,506	0.0720162522%
Chester Boro/Twp Public Library	32410	Morris	32,491	0.0033402712%
Chester Borough	50540	Morris	75,119	0.0077226874%
Chester Township	22670	Morris	278,512	0.0286327175%
Chester Twp Bd Of Ed	57420	Morris	271,543	0.0279162622%
Denville Township	21060	Morris	723,019	0.0743307247%
Denville Twp Bd Of Ed	21063	Morris	470,964	0.0484179467%
Dover Bd Of Ed	20243	Morris	388,786	0.0399695515%
Dover Town	20240	Morris	593,801	0.0610463330%
Dover Town Housing Authority	31870	Morris	22,072	0.0022691351%
East Hanover Township	50830	Morris	677,637	0.0696651807%
East Hanover Twp Bd Of Ed	50833	Morris	206,875	0.0212680008%
Florham Park Bd Of Ed	21343	Morris	230,161	0.0236619424%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Florham Park Borough	21340	Morris	\$ 593,951	0.0610617540%
Hanover Park Reg H S Dist	57050	Morris	578,687	0.0594925225%
Hanover Sewerage Authority	30720	Morris	212,552	0.0218516307%
Hanover Township	22210	Morris	693,378	0.0712834507%
Hanover Township Bd Of Ed	22213	Morris	478,004	0.0491417013%
Hanover Twp Fire District 2	32970	Morris	12,836	0.0013196184%
Hanover Twp Fire District 3	34100	Morris	26,421	0.0027162385%
Harding Township	21410	Morris	154,966	0.0159314418%
Harding Township Bd Of Ed	21413	Morris	90,371	0.0092906852%
Jefferson Township	22520	Morris	728,738	0.0749186725%
Jefferson Township Bd Of Ed	22523	Morris	876,746	0.0901347898%
Kinnelon Borough	22510	Morris	298,527	0.0306903806%
Kinnelon Borough Bd Of Ed	22513	Morris	491,275	0.0505060404%
Lincoln Park Boro Bd Of Ed	22763	Morris	142,848	0.0146856381%
Lincoln Park Borough	22760	Morris	353,294	0.0363207593%
Long Hill Township	20770	Morris	244,193	0.0251045168%
Long Hill Twp Bd Of Ed	20773	Morris	141,201	0.0145163165%
Madison Boro Bd Of Ed	20473	Morris	642,643	0.0660675860%
Madison Boro Housing Authority	32870	Morris	70,587	0.0072567704%
Madison Borough	20470	Morris	947,653	0.0974244581%
Madison-Chatham Joint Meeting	30090	Morris	61,870	0.0063606101%
Mendham Boro Bd Of Ed	21883	Morris	128,809	0.0132423440%
Mendham Borough	21880	Morris	160,633	0.0165140436%
Mendham Township	22120	Morris	180,693	0.0185763329%
Mendham Township Bd Of Ed	22123	Morris	299,774	0.0308185797%
Mine Hill Township	23320	Morris	87,358	0.0089809306%
Mine Hill Twp Bd Of Ed	23323	Morris	37,266	0.0038311701%
Montville Township	23580	Morris	747,389	0.0768361081%
Montville Twp Bd Of Ed	23583	Morris	778,345	0.0800185720%
Montville Twp Fd #1	49300	Morris	3,342	0.0003435778%
Montville Twp Fire District 3	45600	Morris	13,346	0.0013720495%
Morris Co Educ Services Comm	31990	Morris	198,368	0.0203934298%
Morris Co Soil Conser Dist	32430	Morris	52,543	0.0054017381%
Morris Co Vocational Sch Dist	10063	Morris	339,859	0.0349395601%
Morris County	10060	Morris	9,009,915	0.9262737379%
Morris County College	31020	Morris	1,125,392	0.1156971020%
Morris County Housing Authority	34600	Morris	152,062	0.0156328930%
Morris Hills Regional District	40030	Morris	932,687	0.0958858628%
Morris Plains Bd Of Ed	21493	Morris	112,927	0.0116095784%
Morris Plains Borough	21490	Morris	255,209	0.0262370282%
Morris School District	40470	Morris	1,388,738	0.1427706630%
Morris Township	21100	Morris	1,076,065	0.1106259881%
Morristown Housing Authority	30450	Morris	123,752	0.0127224538%
Morristown Parking Authority	55220	Morris	157,984	0.0162417104%
Morristown Town	20270	Morris	854,599	0.0878579443%
Morristown/Morris Joint Library	31140	Morris	183,371	0.0188516475%
Mount Arlington Bd Of Ed	22813	Morris	88,528	0.0091012137%
Mount Arlington Borough	22810	Morris	141,976	0.0145959912%
Mount Olive Township	22660	Morris	938,041	0.0964362864%
Mount Olive Twp Bd Of Ed	22663	Morris	1,281,861	0.1317830612%
Mountain Lakes Boro Bd Of Ed	20673	Morris	495,260	0.0509157224%
Mountain Lakes Borough	20670	Morris	150,037	0.0154247108%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Netcong Borough	52350	Morris	\$ 72,022	0.0074042971%
Netcong Borough Bd Of Ed	52353	Morris	28,539	0.0029339818%
Parsippany Troy Hills Bd Of Ed	20543	Morris	1,739,232	0.1788035654%
Parsippany Troy Hills Township	20540	Morris	2,655,198	0.2729704083%
Pequannock Township	22360	Morris	612,621	0.0629811428%
Pequannock Twp Bd Of Ed	22363	Morris	384,580	0.0395371493%
Pequannock, Linc Park&Fairfield	32340	Morris	271,673	0.0279296270%
Randolph Township	22650	Morris	773,881	0.0795596458%
Randolph Township Bd Of Ed	22653	Morris	1,398,361	0.1437599656%
Riverdale Borough	22820	Morris	152,585	0.0156866606%
Riverdale Borough Bd Of Ed	22823	Morris	50,262	0.0051672375%
Rockaway Borough	21000	Morris	176,724	0.0181682957%
Rockaway Borough Bd Of Ed	21003	Morris	115,049	0.0118277328%
Rockaway Township	21460	Morris	934,712	0.0960940451%
Rockaway Township Bd Of Ed	21463	Morris	689,210	0.0708549551%
Roxbury Township	22640	Morris	775,790	0.0797559026%
Roxbury Twp Bd Of Ed	22643	Morris	745,151	0.0766060281%
Southeast Morris Co Mua	32480	Morris	383,595	0.0394358853%
Victory Gardens Borough	53450	Morris	30,260	0.0031109110%
Washington Twp (Morris)	21630	Morris	511,291	0.0525638062%
Washington Twp Bd Ed (Morris)	21633	Morris	621,961	0.0639413513%
Washington Twp Mua (Morris)	32560	Morris	88,734	0.0091223917%
West Morris Reg H S Dist	40410	Morris	491,534	0.0505326671%
Wharton Borough	20730	Morris	222,757	0.0229007664%
Wharton Borough Bd Of Ed	20733	Morris	69,358	0.0071304218%
Barnegat Light Borough	23050	Ocean	74,269	0.0076353022%
Barnegat Township	23040	Ocean	530,865	0.0545761317%
Barnegat Twp Bd Of Ed	23043	Ocean	683,644	0.0702827367%
Bay Head Bd Of Ed	50193	Ocean	36,390	0.0037411120%
Bay Head Borough	50190	Ocean	72,190	0.0074215685%
Beach Haven Borough	21840	Ocean	286,052	0.0294078751%
Beach Haven Borough Bd Of Ed	21843	Ocean	16,754	0.0017224125%
Beach Haven Sewerage Authority	55820	Ocean	23,169	0.0023819133%
Beachwood Borough	22160	Ocean	247,180	0.0254115985%
Beachwood Sewerage Authority	32520	Ocean	38,883	0.0039974075%
Berkeley Township Municipal Bld	50250	Ocean	1,066,254	0.1096173580%
Berkeley Twp Bd Of Ed	50253	Ocean	578,120	0.0594342314%
Berkeley Twp Housing Authority	55890	Ocean	47,419	0.0048749599%
Berkeley Twp Sewerage Authority	55450	Ocean	156,763	0.0161161842%
Berkeley Township Muni Util Aut	34900	Ocean	61,610	0.0063338805%
Brick Township	22680	Ocean	2,526,487	0.2597381393%
Brick Township Fire Dist 2	45100	Ocean	3,833	0.0003940556%
Brick Twp Bd Of Ed	22683	Ocean	2,271,295	0.2335028587%
Brick Twp Fire District 1	39100	Ocean	959	0.0000985910%
Brick Twp Housing Authority	31240	Ocean	49,578	0.0050969182%
Brick Twp Joint Bd Of Fire Comm	34400	Ocean	63,359	0.0065136883%
Brick Twp Mun Utilities Auth	31510	Ocean	1,228,968	0.1263453410%
Central Regional H S Dist	57100	Ocean	667,332	0.0686057644%
Dover Municipal Utilities Auth	31120	Ocean	434,716	0.0446914332%
Dover Twp Parking Authority	32300	Ocean	58,927	0.0060580519%
Eagleswood Township	50780	Ocean	32,108	0.0033008965%
Eagleswood Twp Bd Of Ed	50783	Ocean	23,857	0.0024526438%

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Harvey Cedars Borough	22700	Ocean	\$ 113,305	0.0116484391%
Island Heights Boro Bd Of Ed	51603	Ocean	27,467	0.0028237737%
Island Heights Borough	51600	Ocean	43,799	0.0045028020%
Jackson Bd Fire District 2	34070	Ocean	24,333	0.0025015795%
Jackson Township	22550	Ocean	987,000	0.1014695676%
Jackson Township Bd Of Ed	22553	Ocean	2,503,451	0.2573698992%
Jackson Township M.U.A.	55690	Ocean	306,074	0.0314662578%
Jackson Twp Fire District 3	32060	Ocean	6,534	0.0006717347%
Lacey Municipal Util Authority	32180	Ocean	178,808	0.0183825435%
Lacey Township	23520	Ocean	698,706	0.0718312013%
Lacey Township Bd Of Ed	23523	Ocean	944,327	0.0970825252%
Lakehurst Borough	22560	Ocean	115,587	0.0118830425%
Lakehurst Borough Bd Of Ed	22563	Ocean	101,618	0.0104469448%
Lakewood Housing Authority	30760	Ocean	137,662	0.0141524859%
Lakewood Township	20090	Ocean	1,751,690	0.1800843231%
Lakewood Twp Bd Of Ed	20093	Ocean	1,416,015	0.1455749035%
Lakewood Twp Fire District 1	34560	Ocean	26,628	0.0027375194%
Lakewood Twp Mun Utilits Auth	32220	Ocean	244,035	0.0250882735%
Lavallette Borough	20100	Ocean	274,305	0.0282002125%
Lavallette Borough Bd Of Ed	20103	Ocean	20,910	0.0021496744%
Little Egg Harbor Mun Util Auth	32230	Ocean	163,214	0.0167793860%
Little Egg Harbor Township	23680	Ocean	520,187	0.0534783688%
Little Egg Harbor Twp Bd Of Ed	23683	Ocean	410,470	0.0421987978%
Long Beach Island Bd Of Ed	40350	Ocean	80,843	0.0083111492%
Long Beach Township	20120	Ocean	695,230	0.0714738475%
Manchester Township	51970	Ocean	1,020,574	0.1049211778%
Manchester Township Bd Of Ed	51973	Ocean	1,139,000	0.1170960866%
Mantoloking Borough	20010	Ocean	70,188	0.0072157508%
Ocean Co Bd Of Health	32760	Ocean	1,072,820	0.1102923825%
Ocean Co Board Of Soc Serv	10021	Ocean	3,364,044	0.3458440629%
Ocean Co Mosquito Comm	10022	Ocean	114,069	0.0117269829%
Ocean Co Soil Consvr District	32310	Ocean	73,666	0.0075733102%
Ocean Co Utilities Authority	31660	Ocean	2,415,807	0.2483595661%
Ocean County	10020	Ocean	11,595,934	1.1921321266%
Ocean County College	31670	Ocean	1,111,648	0.1142841357%
Ocean County Vocational School	10023	Ocean	548,414	0.0563802750%
Ocean Gate Bd Of Ed	21753	Ocean	8,810	0.0009057213%
Ocean Gate Borough	21750	Ocean	30,827	0.0031692020%
Ocean Township (Ocean)	52490	Ocean	259,180	0.0266452711%
Ocean Twp Bd Of Ed (Ocean)	52493	Ocean	161,735	0.0166273359%
Pine Beach Borough	52660	Ocean	63,993	0.0065788673%
Pinelands Reg School District	40510	Ocean	470,675	0.0483882358%
Plumstead Fire District # 1	47500	Ocean	7,416	0.0007624096%
Plumsted Municipal Utility Auth	51200	Ocean	8,976	0.0009227871%
Plumsted Township	52740	Ocean	72,626	0.0074663919%
Plumsted Twp Bd Of Ed	52743	Ocean	272,636	0.0280286292%
Point Pleasant Beach Bd Of Ed	20083	Ocean	198,551	0.0204122433%
Point Pleasant Beach Borough	20080	Ocean	389,737	0.0400673200%
Point Pleasant Boro Bd Of Ed	20993	Ocean	344,150	0.0353807008%
Point Pleasant Borough	20990	Ocean	604,353	0.0621311424%
Seaside Heights Bd Of Ed	20153	Ocean	72,176	0.0074201292%
Seaside Heights Borough	20150	Ocean	332,758	0.0342095343%

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Seaside Park Bd Of Ed	21403	Ocean	\$ 7,557	0.0007769053%
Seaside Park Borough	21400	Ocean	166,738	0.0171416745%
Ship Bottom Borough	53030	Ocean	128,906	0.0132523162%
South Toms River Borough	53140	Ocean	67,406	0.0069297444%
South Toms River Sewerage Auth	34500	Ocean	9,380	0.0009643207%
Southern Regional H S District	40330	Ocean	907,134	0.0932588599%
Stafford Township	22920	Ocean	1,470,092	0.1511343461%
Stafford Township Bd Of Ed	22923	Ocean	694,106	0.0713582935%
Surf City Borough	22140	Ocean	142,062	0.0146048325%
Toms River Fire District # 2	32440	Ocean	27,668	0.0028444377%
Toms River School Dist	40340	Ocean	3,650,239	0.3752666393%
Toms River Township	22690	Ocean	3,070,139	0.3156288519%
Toms River Twp Fire District 1	32770	Ocean	203,792	0.0209510498%
Tuckerton Boro Bd Of Ed	53333	Ocean	62,355	0.0064104710%
Tuckerton Borough	53330	Ocean	138,529	0.0142416188%
Bloomingtondale Bd Of Ed	22733	Passaic	85,675	0.0088079080%
Bloomingtondale Borough	22730	Passaic	376,172	0.0386727560%
Classical Acad. Charter School	35900	Passaic	4,380	0.0004502905%
Clifton City	20800	Passaic	1,946,256	0.2000868843%
Clifton City Bd Of Ed	20803	Passaic	1,630,988	0.1676754277%
College Achieve Paterson C/S	57000	Passaic	30,730	0.0031592298%
Community Ch School Of Paterson	48700	Passaic	239,053	0.0245760938%
Haledon Borough	51290	Passaic	200,898	0.0206535291%
Haledon Borough Bd Of Ed	51293	Passaic	151,068	0.0155307038%
Hawthorne Bd Of Ed	22113	Passaic	494,425	0.0508298794%
Hawthorne Borough	22110	Passaic	504,184	0.0518331636%
John P Holland Charter School	50700	Passaic	112,007	0.0115149968%
Lakeland Regional H S Dist	40370	Passaic	368,593	0.0378935890%
Little Falls Bd Of Ed	22933	Passaic	147,522	0.0151661535%
Little Falls Twp	22930	Passaic	296,264	0.0304577305%
Manchester Utilities Authority	47900	Passaic	1,232	0.0001266570%
North Haledon Boro Bd Of Ed	23133	Passaic	51,440	0.0052883430%
North Haledon Borough	23130	Passaic	281,110	0.0288998076%
Passaic Arts & Science Chtr Sch	51100	Passaic	278,148	0.0285952961%
Passaic Board Of Education	20833	Passaic	4,235,765	0.4354622523%
Passaic City	20830	Passaic	1,473,128	0.1514464652%
Passaic City Housing Authority	30460	Passaic	224,985	0.0231298183%
Passaic Co Bd Of Social Service	60031	Passaic	4,962,901	0.5102162295%
Passaic Co Manchester Reg High	57240	Passaic	173,495	0.0178363350%
Passaic Co Regional Hs Dist 1	40360	Passaic	262,773	0.0270146532%
Passaic Co Vocational School	30870	Passaic	1,067,475	0.1097428842%
Passaic Co. Ed Serv Commision	34890	Passaic	229,798	0.0236246238%
Passaic County	60030	Passaic	10,180,803	1.0466481037%
Passaic County Community Colleg	31550	Passaic	940,944	0.0967347323%
Passaic County Improvement Auth	47000	Passaic	13,223	0.0013594043%
Paterson Bd Of Ed	21913	Passaic	6,678,812	0.6866222551%
Paterson Chart Sch-Science/Tech	42400	Passaic	252,078	0.0259151425%
Paterson City	21910	Passaic	3,624,857	0.3726572162%
Paterson Housing Authority	30510	Passaic	304,594	0.0313141048%
Paterson Parking Authority	30770	Passaic	156,646	0.0161041559%
Pompton Lakes Bd Of Ed	21393	Passaic	409,977	0.0421481144%
Pompton Lakes Borough	21390	Passaic	301,171	0.0309621997%



**STATE OF NEW JERSEY  
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Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

Employer	Employer number	County	Employer contributions	Allocation percentage
Pompton Lakes Mun Util Auth	30920	Passaic	\$ 134,567	0.0138343012%
Prospect Park Bd Of Ed	52773	Passaic	118,948	0.0122285736%
Prospect Park Borough	52770	Passaic	67,062	0.0068943791%
Ringwood Boro Bd Of Ed	22723	Passaic	318,231	0.0327160709%
Ringwood Borough	22720	Passaic	406,459	0.0417864427%
Totowa Borough	21940	Passaic	497,081	0.0511029323%
Totowa Borough Bd Of Ed	21943	Passaic	236,231	0.0242859751%
Towaco Fire District 2	56430	Passaic	—	0.0000000000%
Wanaque Bd Of Ed	53513	Passaic	185,673	0.0190883070%
Wanaque Borough	53510	Passaic	262,515	0.0269881292%
Wanaque Valley Reg Sew Auth	34360	Passaic	99,260	0.0102045281%
Wayne Board Of Education	22453	Passaic	2,463,422	0.2532546760%
Wayne Township	22450	Passaic	2,363,949	0.2430282501%
West Milford Township	22710	Passaic	878,234	0.0902877652%
West Milford Township Bd Of Ed	22713	Passaic	1,163,875	0.1196533870%
West Milford Twp Mun Util Auth	55660	Passaic	10,704	0.0011004359%
West Paterson Borough	23340	Passaic	407,996	0.0419444556%
Woodland Park Bd Of Ed	23343	Passaic	182,430	0.0187549070%
Alloway Township	50060	Salem	35,084	0.0036068473%
Alloway Twp Bd Of Ed	50063	Salem	51,140	0.0052575012%
Carneys Point Township	22940	Salem	143,833	0.0147869020%
Carneys Pt Twp Sewerage Auth	55720	Salem	50,754	0.0052178181%
Elmer Borough	50900	Salem	20,803	0.0021386742%
Elsinboro Township	50910	Salem	3,650	0.0003752421%
Elsinboro Township Bd Of Ed	50913	Salem	16,577	0.0017042158%
Lower Alloways Creek Bd Of Ed	23673	Salem	26,364	0.0027103786%
Lower Alloways Creek Township	23670	Salem	112,622	0.0115782225%
Mannington Township	51980	Salem	17,433	0.0017922178%
Mannington Township Bd Of Ed	51983	Salem	26,509	0.0027252855%
Oldmans Township	52510	Salem	29,775	0.0030610500%
Oldmans Twp Bd Of Ed	52513	Salem	58,365	0.0060002749%
Penns Grove Borough	52620	Salem	41,021	0.0042172068%
Penns Grove Carneys Point Reg	57490	Salem	540,786	0.0555960705%
Penns Grove Housing Authority	31570	Salem	43,571	0.0044793622%
Penns Grove Sewerage Authority	55230	Salem	40,234	0.0041362985%
Pennsville Sewerage Authority	30780	Salem	81,783	0.0084077869%
Pennsville Township	22530	Salem	412,791	0.0424374106%
Pennsville Twp Bd Of Ed	22533	Salem	323,549	0.0332627934%
Pilesgrove Township	52650	Salem	56,052	0.0057624845%
Pittsgrove Township	23460	Salem	77,044	0.0079205890%
Pittsgrove Twp Bd Of Ed	23463	Salem	308,734	0.0317397219%
Quinton Township	52780	Salem	18,950	0.0019481746%
Quinton Township Bd Of Ed	52783	Salem	39,227	0.0040327728%
Salem City	21760	Salem	199,152	0.0204740297%
Salem City Bd Of Ed	21763	Salem	313,298	0.0322089287%
Salem City Housing Authority	56160	Salem	11,014	0.0011323058%
Salem City Municipal Port Auth	34380	Salem	3,849	0.0003957005%
Salem Co Bd Of Social Services	10151	Salem	597,054	0.0613807611%
Salem Co Improvement Authority	32800	Salem	87,037	0.0089479298%
Salem Co Sp Services Sch Dist	34790	Salem	402,648	0.0413946489%
Salem Co Vocational Tech School	10153	Salem	172,771	0.0177619034%
Salem Community College	31860	Salem	117,111	0.0120397189%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Salem County	10150	Salem	\$ 1,736,241	0.1784960725%
Upper Pittsgrove Township	23140	Salem	43,012	0.0044218937%
Upper Pittsgrove Twp Bd Of Ed	23143	Salem	66,288	0.0068148072%
Woodstown Borough	53830	Salem	86,246	0.0088666103%
Woodstown-Piles Grove Reg Sch	40380	Salem	265,338	0.0272783507%
Bedminster & Far Hills Pub Lib	34020	Somerset	47,131	0.0048453518%
Bedminster Township	23200	Somerset	237,546	0.0244211651%
Bedminster Twp Bd Of Ed	23203	Somerset	119,376	0.0122725746%
Bernards Township	22170	Somerset	1,046,818	0.1076192197%
Bernards Twp Bd Of Ed	22173	Somerset	1,142,893	0.1174963106%
Bernards Twp Sewerage Authority	30930	Somerset	110,550	0.0113652084%
Bernardsville Boro	21310	Somerset	437,812	0.0450097207%
Bound Brook Boro Bd Of Ed	22543	Somerset	229,791	0.0236239042%
Bound Brook Borough	22540	Somerset	195,462	0.0200946754%
Branchburg Township	22950	Somerset	596,112	0.0612839178%
Branchburg Twp Bd Of Ed	22953	Somerset	359,223	0.0369302963%
Bridgewater Twp	22830	Somerset	1,004,512	0.1032699071%
Bridgewater-Raritan Reg Sch Dis	40170	Somerset	1,534,673	0.1577736634%
Central Jersey Coll Prep Chrtr	46600	Somerset	150,496	0.0154718987%
Far Hills Borough	50990	Somerset	23,265	0.0023917827%
Franklin Township (Somerset)	22330	Somerset	1,413,317	0.1452975328%
Franklin Twp Bd Of Ed (Somerset)	22333	Somerset	2,199,667	0.2261390672%
Franklin Twp Housing Authority	31030	Somerset	15,380	0.0015811570%
Franklin Twp Sewerage Auth	30790	Somerset	182,105	0.0187214950%
Green Brook Bd Of Ed	22843	Somerset	253,438	0.0260549587%
Green Brook Township	22840	Somerset	141,957	0.0145940379%
Hillsborough Township	22960	Somerset	930,382	0.0956488949%
Hillsborough Twp Bd Of Ed	22963	Somerset	1,438,422	0.1478784786%
Hillsborough Twp Mua	32050	Somerset	109,004	0.0112062703%
Manville Borough	21700	Somerset	252,659	0.0259748728%
Manville Borough Bd Of Ed	21703	Somerset	252,811	0.0259904993%
Millstone Borough	52160	Somerset	4,750	0.0004883287%
Montgomery Township	22240	Somerset	890,656	0.0915648219%
Montgomery Twp Bd Of Ed	22243	Somerset	1,209,353	0.1243288004%
North Plainfield Bd Of Ed	21173	Somerset	664,594	0.0683242815%
North Plainfield Borough	21170	Somerset	418,392	0.0430132273%
Peapack & Gladstone Borough	22020	Somerset	131,439	0.0135127239%
Raritan Borough	22260	Somerset	187,877	0.0193148915%
Raritan Vall Community College	31170	Somerset	1,049,596	0.1079048149%
Rocky Hill Borough	52900	Somerset	10,482	0.0010776130%
Somerset Co Bd Of Social Srvs	10091	Somerset	1,064,930	0.1094812428%
Somerset Co Ed Cntl Svc Comm	32830	Somerset	292,590	0.0300800211%
Somerset Co Pk Commission	10098	Somerset	1,140,185	0.1172179118%
Somerset Co Vocational School	10093	Somerset	313,789	0.0322594064%
Somerset County_Finance Office	10090	Somerset	7,824,641	0.8044204042%
Somerset Hills Bd Of Ed	21313	Somerset	474,569	0.0487885625%
Somerset Raritan Vall Sew Auth	30630	Somerset	464,386	0.0477416886%
Somerset Reg Animal Shelter	31940	Somerset	29,762	0.0030597135%
Somerville Bd Of Ed	20713	Somerset	532,343	0.0547280791%
Somerville Borough	20710	Somerset	256,453	0.0263649190%
South Bound Brook Bd Of Ed	53113	Somerset	90,002	0.0092527498%
South Bound Brook Borough	53110	Somerset	88,567	0.0091052231%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Thomas Edison Energy - Smart Charter	52100	Somerset	\$ 102,565	0.0105443021%
Warren Township	53530	Somerset	496,598	0.0510532769%
Warren Township Bd Of Ed	23693	Somerset	569,001	0.0584967431%
Watchung Borough	22390	Somerset	218,185	0.0224307372%
Watchung Borough Bd Of Ed	22393	Somerset	131,682	0.0135377058%
Watchung Hills Regional H S	57210	Somerset	444,516	0.0456989324%
Andover Borough	50090	Sussex	10,685	0.0010984826%
Andover Regional Bd Of Ed	57080	Sussex	114,464	0.0117675913%
Andover Township	23640	Sussex	204,461	0.0210198270%
Branchville Borough	50380	Sussex	16,730	0.0017199452%
Byram Township	50450	Sussex	173,561	0.0178431202%
Byram Twp Bd Of Ed	50453	Sussex	133,961	0.0137720008%
Frankford Township	51050	Sussex	128,554	0.0132161285%
Frankford Township Bd Of Ed	51053	Sussex	128,076	0.0131669872%
Franklin Boro Bd Of Ed	21993	Sussex	76,453	0.0078598307%
Franklin Borough	21990	Sussex	144,289	0.0148337816%
Fredon Township	51120	Sussex	48,172	0.0049523729%
Fredon Township Bd Of Ed	51123	Sussex	58,107	0.0059737509%
Green Township	51210	Sussex	93,591	0.0096217207%
Green Township Bd Of Ed	51213	Sussex	93,943	0.0096579084%
Hamburg Borough	51300	Sussex	72,800	0.0074842802%
Hamburg Borough Bd Of Ed	51303	Sussex	52,411	0.0053881677%
Hampton Township	23610	Sussex	84,802	0.0087181583%
Hampton Township Bd Of Ed	23613	Sussex	58,376	0.0060014058%
Hardyston Township	51370	Sussex	294,955	0.0303231574%
Hardyston Township Bd Of Ed	51373	Sussex	102,811	0.0105695924%
High Point Reg High School	57340	Sussex	287,644	0.0295715424%
Hopatcong Board Of Education	51523	Sussex	524,128	0.0538835274%
Hopatcong Borough	51520	Sussex	447,469	0.0460025187%
Kittatinny Regional H S	57560	Sussex	224,836	0.0231145002%
Lafayette Board Of Education	51693	Sussex	37,659	0.0038715729%
Lafayette Township	51690	Sussex	57,134	0.0058737206%
Lenape Valley Reg H S Dist	57540	Sussex	153,747	0.0158061212%
Montague Bd Of Ed	52223	Sussex	36,286	0.0037304202%
Montague Township	52220	Sussex	44,633	0.0045885423%
Musconetcong Sewerage Authority	31400	Sussex	100,476	0.0103295403%
Newton Bd Of Ed	22063	Sussex	328,511	0.0337729170%
Newton Town	22060	Sussex	313,514	0.0322311348%
Newton Town Housing Authority	32250	Sussex	11,292	0.0011608859%
Ogdensburg Bd Of Ed	22013	Sussex	54,065	0.0055582089%
Ogdensburg Borough	22010	Sussex	32,823	0.0033744029%
Sandyston Township	52970	Sussex	41,695	0.0042864981%
Sandyston Walpack School Dist	57570	Sussex	39,704	0.0040818113%
Sparta Bd Of Ed	21933	Sussex	806,297	0.0828922067%
Sparta Township	21930	Sussex	655,344	0.0673733256%
Stanhope Borough	53190	Sussex	115,236	0.0118469575%
Stanhope Borough Bd Of Ed	53193	Sussex	58,650	0.0060295746%
Stillwater Township	53200	Sussex	61,745	0.0063477593%
Stillwater Township Bd Of Ed	53203	Sussex	50,787	0.0052212107%
Sussex Borough	53260	Sussex	35,785	0.0036789144%
Sussex Co Ed Serv Comm Bd Of Ed	32790	Sussex	85,534	0.0087934124%
Sussex Co Mun Utilities Auth	32750	Sussex	449,041	0.0461641298%

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Schedule of Employer and Nonemployer Allocations

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Employer	Employer number	County	Employer contributions	Allocation percentage
Sussex Co Soil Conservation	32510	Sussex	\$ 9,995	0.0010275464%
Sussex County	10050	Sussex	2,662,113	0.2736813121%
Sussex County Charter School	35460	Sussex	39,095	0.0040192024%
Sussex County Comm. College	34050	Sussex	357,651	0.0367686852%
Sussex County Vocational	10053	Sussex	210,568	0.0216476635%
Sussex-Wantage Reg Sch Dist	57550	Sussex	302,384	0.0310869035%
Unity Charter School	35580	Sussex	21,220	0.0021815443%
Vernon Township	53430	Sussex	474,599	0.0487916467%
Vernon Township Bd Of Ed	53433	Sussex	769,108	0.0790689526%
Walkkill Vall Reg H S	57580	Sussex	106,651	0.0109643676%
Wallpack Township	53500	Sussex	1,847	0.0001898828%
Wantage Township	53520	Sussex	149,856	0.0154061029%
Barack Obama Green Charter H.S.	49000	Union	70,859	0.0072847336%
Berkeley Heights Bd Of Ed	21243	Union	701,058	0.0720730011%
Berkeley Heights Township	21240	Union	359,607	0.0369697739%
Central Jersey Arts Charter Sch	46100	Union	—	0.0000000000%
Clark Township	21540	Union	502,665	0.0516770012%
Clark Twp Bd Of Ed	21543	Union	285,871	0.0293892672%
College Achieve Central Charter School	55200	Union	184,102	0.0189267987%
Cranford Township	20750	Union	730,899	0.0751408364%
Cranford Twp Bd Of Ed	20753	Union	790,900	0.0813093019%
Cresthaven Academy Charter School	56500	Union	15,426	0.0015858861%
Elizabeth Bd Of Ed	21283	Union	9,127,992	0.9384127673%
Elizabeth City	21280	Union	4,854,466	0.4990684559%
Elizabeth City Housing Auth	30410	Union	404,026	0.0415363156%
Elizabeth City Parking Auth	30530	Union	135,165	0.0138957792%
Elizabeth Public Library	21284	Union	223,037	0.0229295521%
Fanwood Borough	22310	Union	196,757	0.0202278092%
Garwood Borough	20900	Union	155,882	0.0160256121%
Garwood Borough Bd Of Ed	20903	Union	72,427	0.0074459335%
Hillside Board Of Education	21083	Union	769,629	0.0791225145%
Hillside Public Library	21084	Union	48,597	0.0049960654%
Hillside Township	21080	Union	503,863	0.0518001629%
Kenilworth Borough	21640	Union	306,381	0.0314978192%
Kenilworth Borough Bd Of Ed	21643	Union	193,757	0.0199193911%
Linden City	20110	Union	2,099,861	0.2158784070%
Linden City Bd Of Ed	20113	Union	1,699,682	0.1747375862%
Linden City Housing Authority	31260	Union	205,676	0.0211447364%
Linden Cty Free Public Library	20114	Union	111,138	0.0114256584%
Linden Roselle Sewerage Auth	30270	Union	414,253	0.0425877131%
Mountainside Boro Bd Of Ed	21503	Union	119,325	0.0122673315%
Mountainside Borough	21500	Union	227,356	0.0233735714%
New Providence Bd Of Ed	20973	Union	531,615	0.0546532363%
New Providence Borough	20970	Union	443,875	0.0456330338%
Plainfield Bd Of Ed	20133	Union	2,338,761	0.2404387714%
Plainfield City	20130	Union	1,739,160	0.1787961633%
Plainfield Housing Authority	30590	Union	133,370	0.0137112424%
Plainfield Mun. Utilities Auth.	35240	Union	765,117	0.0786586537%
Queen City Academy Charter Sch	39200	Union	27,348	0.0028115398%
Rahway City	20840	Union	891,562	0.0916579642%
Rahway City Bd Of Ed	20843	Union	691,396	0.0710796891%
Rahway City Housing Authority	56070	Union	116,912	0.0120192605%

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Rahway City Redevelopment Ag	41000	Union	\$ 3,081	0.0003167454%
Rahway Parking Authority	34980	Union	11,024	0.0011333339%
Rahway Public Library	20844	Union	93,826	0.0096458801%
Rahway Valley Sewerage Auth	30050	Union	582,116	0.0598450444%
Roselle Boro Bd Of Ed	21013	Union	599,383	0.0616201964%
Roselle Borough	21010	Union	559,969	0.0575681989%
Roselle Borough Library	21014	Union	31,615	0.0032502132%
Roselle Park Boro Bd Of Ed	20693	Union	369,168	0.0379527025%
Roselle Park Borough	20690	Union	301,701	0.0310166869%
Scotch Plains Fanwood Bd Of Ed	40140	Union	1,202,020	0.1235749238%
Scotch Plains Township	22570	Union	518,736	0.0533291972%
Springfield Township (Union)	20310	Union	618,406	0.0635758758%
Springfield Twp Bd Ed (Union)	20313	Union	478,789	0.0492224041%
Summit Board Of Education	20363	Union	1,047,642	0.1077039319%
Summit City	20360	Union	1,209,192	0.1243122486%
Summit Housing Authority	56800	Union	54,301	0.0055824711%
Union Co Bd Of Social Services	10101	Union	4,365,490	0.4487987667%
Union Co Educ Serv Commission	31440	Union	491,914	0.0505717334%
Union Co Utilities Authority	34420	Union	129,817	0.0133459725%
Union Co Vocational Schools	10103	Union	176,224	0.0181168927%
Union County	10100	Union	9,869,073	1.0146003750%
Union County College	34040	Union	1,210,948	0.1244927760%
Union County Improvement Authority	55000	Union	42,032	0.0043211437%
Union County Teams Charter Schl	45400	Union	118,147	0.0121462259%
Union Township (Union)	21250	Union	1,732,303	0.1780912223%
Union Township Library	21254	Union	144,925	0.0148991662%
Union Twp Bd Of Ed (Union)	21253	Union	1,994,137	0.2050093406%
Westfield Town	20410	Union	1,016,746	0.1045276363%
Westfield Town Bd Of Ed	20413	Union	1,211,203	0.1245189916%
Winfield Township	22850	Union	13,325	0.0013698906%
Winfield Township Bd Of Ed	22853	Union	25,828	0.0026552746%
Allamuchy Bd Of Ed	50033	Warren	128,931	0.0132548863%
Allamuchy Township	50030	Warren	87,610	0.0090068377%
Alpha Bd Of Ed	50073	Warren	31,703	0.0032592601%
Alpha Borough	50070	Warren	20,281	0.0020850094%
Belvidere Town	50240	Warren	69,962	0.0071925166%
Belvidere Town Bd Of Ed	50243	Warren	138,287	0.0142167397%
Blairstown Township	23310	Warren	108,409	0.0111451007%
Blairstown Twp Bd Of Ed	23313	Warren	79,105	0.0081324723%
Franklin Township (Warren)	51110	Warren	55,783	0.0057348297%
Franklin Twp Bd Of Ed (Warren)	51113	Warren	65,092	0.0066918512%
Frelinghuysen Twp	51140	Warren	41,655	0.0042823859%
Frelinghuysen Twp Bd Of Ed	23813	Warren	7,300	0.0007504841%
Great Meadows Regional Bd Of Ed	35000	Warren	149,004	0.0153185121%
Greenwich Township (Warren)	51250	Warren	24,345	0.0025028132%
Greenwich Twp Bd Of Ed (Warren)	51253	Warren	102,424	0.0105298065%
Hackettstown Bd Of Ed	20383	Warren	354,302	0.0364243878%
Hackettstown Mun Util Authority	30980	Warren	168,773	0.0173508848%
Hackettstown Town	20380	Warren	218,153	0.0224274474%
Hardwick Township	51360	Warren	33,054	0.0033981511%
Harmony Township	51380	Warren	39,164	0.0040262960%
Harmony Township Bd Of Ed	51383	Warren	48,427	0.0049785884%

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Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2019

<u>Employer</u>	<u>Employer number</u>	<u>County</u>	<u>Employer contributions</u>	<u>Allocation percentage</u>
Hope Township	51530	Warren	\$ 33,594	0.0034536663%
Hope Twp Bd Of Ed	51533	Warren	40,089	0.0041213916%
Independence Twp	21550	Warren	53,997	0.0055512181%
Knowlton Township	51670	Warren	62,218	0.0063963866%
Knowlton Twp Bd Of Ed	51673	Warren	35,359	0.0036351190%
Liberty Township	51770	Warren	35,407	0.0036400537%
Lopatcong Township	23480	Warren	118,017	0.0121328612%
Lopatcong Township Bd Of Ed	23483	Warren	121,796	0.0125213652%
Mansfield Township (Warren)	52000	Warren	88,618	0.0091104662%
Mansfield Twp Bd Ed (Warren)	52003	Warren	101,533	0.0104382063%
North Warren Reg High School	57510	Warren	144,460	0.0148513614%
Oxford Township	52530	Warren	43,535	0.0044756612%
Oxford Twp Bd Of Ed	52533	Warren	64,980	0.0066803369%
Phillipsburg Housing Authority	30390	Warren	158,571	0.0163020576%
Phillipsburg Town	20740	Warren	458,135	0.0470990480%
Phillipsburg Town Bd Of Ed	20743	Warren	935,643	0.0961897575%
Pohatcong Township	52750	Warren	87,632	0.0090090994%
Pohatcong Twp Boe	52753	Warren	46,705	0.0048015564%
Ridge And Valley Charter School	42900	Warren	28,342	0.0029137290%
Warren Co Bd Of Chosen Frhldr	10110	Warren	2,724,858	0.2801318776%
Warren Co Mosq Extern Comm	10112	Warren	50,023	0.0051426668%
Warren Co Municipal Util Auth	33010	Warren	40,253	0.0041382518%
Warren Co Pollution Control	34610	Warren	85,206	0.0087596920%
Warren Co Soil Conservatn Dist	32380	Warren	21,155	0.0021748619%
Warren Co Sp Services Sch Dist	34800	Warren	52,156	0.0053619521%
Warren Co Vocational School	10113	Warren	122,828	0.0126274610%
Warren County Community College	33090	Warren	172,585	0.0177427815%
Warren Hills Reg Schools	57310	Warren	389,555	0.0400486093%
Washington Boro Bd Of Ed	20723	Warren	94,136	0.0096777500%
Washington Borough	20720	Warren	134,616	0.0138393387%
Washington Twp (Warren)	53580	Warren	170,695	0.0175484781%
Washington Twp Bd Ed (Warren)	53583	Warren	87,629	0.0090087910%
Washington Twp Fire District #1	47100	Warren	—	0.0000000000%
White Township	53740	Warren	51,813	0.0053266897%
White Township Bd Of Ed	53743	Warren	32,217	0.0033121024%
Total Employer			<u>972,705,436</u>	<u>100.0000000000%</u>
Total Local Group			<u>979,534,570</u>	
Total			<u>\$ 1,869,535,783</u>	

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







STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources			
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Total deferred outflows of resources
Buena Vista Township	23300	Atlantic	\$ 2,125,417	38,148	212,231	—	388,340
Corbin City	50640	Atlantic	199,764	3,585	19,947	—	68,787
Egg Harbor City	20180	Atlantic	2,101,817	37,725	209,874	—	318,207
Egg Harbor City Bd Of Ed	20183	Atlantic	2,401,982	43,112	239,847	—	506,844
Egg Harbor Township	23570	Atlantic	16,720,214	300,106	1,669,575	—	2,242,282
Egg Harbor Twp Bd Of Ed	23573	Atlantic	38,420,796	689,603	3,836,458	—	7,833,988
Egg Harbor Twp Mun Util Auth	31460	Atlantic	935,226	16,786	93,386	—	192,575
Estell Manor Bd Of Ed	50953	Atlantic	714,437	12,823	71,339	—	350,507
Estell Manor City	50950	Atlantic	176,016	3,159	17,576	—	54,217
Folsom Borough	51040	Atlantic	742,983	13,336	74,190	—	144,392
Folsom Borough Bd Of Ed	51043	Atlantic	1,374,284	24,667	137,227	—	413,186
Galloway Community Charter Sch	38800	Atlantic	—	—	—	—	10,379
Galloway Township	22970	Atlantic	9,866,245	177,086	985,181	—	1,845,192
Galloway Township Bd Of Ed	22973	Atlantic	18,417,484	1,839,053	330,570	—	3,929,373
Greater Egg Harbor Regional	40190	Atlantic	13,716,255	246,189	1,369,618	—	1,691,243
Hamilton Township (Atlantic)	23210	Atlantic	9,364,650	168,083	935,095	—	1,368,963
Hamilton Twp Bd Ed (Atlantic)	23213	Atlantic	11,288,692	202,617	1,127,217	—	1,868,232
Hamilton Twp Mun Util Authority	31220	Atlantic	2,078,792	37,312	207,575	—	835,557
Hammonton Town	22750	Atlantic	5,220,941	93,709	521,330	—	759,672
Hammonton Town Bd Of Ed	22753	Atlantic	10,381,141	186,328	1,036,595	—	1,263,504
International Academy of Atlantic City	55300	Atlantic	1,693,843	30,402	169,136	—	1,611,464
Linwood Bd Of Ed	51803	Atlantic	3,093,708	55,528	308,918	—	462,720
Linwood City	51800	Atlantic	2,799,657	50,250	279,556	—	394,041
Longport Borough	22980	Atlantic	2,835,612	50,896	283,146	—	600,242
Mainland Regional H S	57220	Atlantic	6,743,287	121,033	673,342	—	905,998
Margate City	23620	Atlantic	14,730,245	264,389	1,470,869	—	2,112,449
Margate City Bd Of Ed	23623	Atlantic	2,780,429	49,905	277,636	—	653,780
Mullica Township	52330	Atlantic	1,460,717	26,218	145,858	—	210,080
Mullica Twp Bd Of Ed	52333	Atlantic	2,299,673	41,276	229,631	—	512,519
Northfield Bd Of Ed	20073	Atlantic	2,827,332	50,747	282,319	—	477,925
Northfield City	20070	Atlantic	3,140,667	56,371	313,607	—	399,758
Oceanside Charter School	36600	Atlantic	—	—	—	—	—
Pleasantech Academy Charter Sch	35570	Atlantic	—	—	—	—	—
Pleasantville Bd Of Ed	23073	Atlantic	21,022,953	377,334	2,099,219	—	3,150,969
Pleasantville City	23070	Atlantic	9,204,398	165,207	919,093	—	1,636,930
Pleasantville Housing Auth	55970	Atlantic	1,399,551	25,120	139,750	—	649,650
Port Republic City	52760	Atlantic	521,657	9,363	52,089	—	127,154
Port Republic City Bd Of Ed	52763	Atlantic	189,779	3,406	18,950	—	42,747
Somers Point City	22370	Atlantic	6,926,213	124,316	691,608	—	928,085
Somers Point City Bd Of Ed	22373	Atlantic	3,693,370	66,291	368,797	—	540,833
Stockton Affiliated Svcs Inc	49500	Atlantic	291,606	5,234	29,118	—	60,359
Ventnor City	20370	Atlantic	10,864,379	195,001	1,084,848	—	2,046,091
Ventnor City Bd Of Ed	20373	Atlantic	3,202,778	57,486	319,809	—	966,078
Weymouth Township	23550	Atlantic	631,560	11,336	63,064	—	129,749
Weymouth Township Bd Of Ed	23553	Atlantic	520,490	9,342	51,973	—	162,577
Weymouth Twp Mun Util Authority	31710	Atlantic	16,598	298	1,657	—	1,979
Allendale Boro Bd Of Ed	22283	Bergen	3,891,930	69,855	388,623	—	704,193
Allendale Borough	22280	Bergen	4,076,671	73,171	407,071	—	852,001
Alpine Bd Of Ed	23443	Bergen	1,121,263	20,125	111,962	—	451,426
Alpine Borough	23440	Bergen	1,383,972	24,840	138,195	—	248,520
Bergen Arts & Science Chrtr Sch	47200	Bergen	3,849,436	69,092	384,380	—	1,207,947
Bergen Co Bd Of Soc Serv	10011	Bergen	37,587,824	674,652	3,753,282	—	5,054,326
Bergen Co Bd Of Special Servs	40480	Bergen	51,593,332	926,033	5,151,784	—	12,118,578
Bergen Co Housing Authority	31360	Bergen	10,283,778	184,580	1,026,873	—	2,043,590
Bergen Co Utilities Authority	30240	Bergen	35,827,868	643,063	3,577,544	—	5,903,659
Bergen Co Vocational School	10013	Bergen	37,360,811	670,578	3,730,614	—	5,405,200
Bergen Community College	31060	Bergen	48,666,341	873,497	4,859,513	—	6,295,991
Bergen County	10010	Bergen	223,291,584	4,007,792	22,296,485	—	34,697,923
Bergen County Improvement Auth	35500	Bergen	491,555	8,823	49,084	—	125,991
Bergen County Soil Conser Dist	32460	Bergen	943,821	16,940	94,244	—	164,274
Bergenfield Bd Of Ed	20623	Bergen	13,967,071	250,691	1,394,663	—	2,135,946
Bergenfield Borough	20620	Bergen	14,680,693	263,499	1,465,921	—	2,373,255
Bogota Boro Bd Of Ed	21473	Bergen	2,497,788	44,832	249,413	—	1,439,596
Bogota Borough	21470	Bergen	2,520,610	45,242	251,692	—	1,327,277
Carlstadt Borough	50500	Bergen	9,734,502	174,722	972,026	—	2,397,280
Carlstadt Borough Bd Of Ed	50503	Bergen	2,187,862	39,269	218,466	—	257,931
Carlstadt E. Rutherford Bd Of Ed	57500	Bergen	2,215,611	39,767	221,237	—	396,236
Carlstadt Sewerage Authority	31520	Bergen	565,596	10,152	56,477	—	237,881
Cliffside Park Bd Of Ed	20423	Bergen	9,122,522	163,737	910,917	—	1,358,830
Cliffside Park Borough	20420	Bergen	11,095,207	199,144	1,107,897	—	1,734,384
Cliffside Park Housing	31300	Bergen	2,248,547	40,358	224,526	—	322,351
Closter Board Of Education	21983	Bergen	3,809,331	68,373	380,376	—	540,780
Closter Borough	21980	Bergen	7,295,379	130,943	728,470	—	1,354,653
Cresskill Bd Of Ed	22303	Bergen	5,467,978	98,143	545,998	—	673,526
Cresskill Borough	22300	Bergen	8,290,086	148,796	827,796	—	1,223,420
Demarest Boro Bd Of Ed	22743	Bergen	2,901,910	52,085	289,766	—	560,460
Demarest Borough	22740	Bergen	2,789,117	50,061	278,504	—	618,441
Dumont Borough	20870	Bergen	8,071,409	144,871	805,960	—	1,135,663
Dumont Borough Bd Of Ed	20873	Bergen	8,447,763	151,626	843,540	—	1,364,911
East Rutherford Boro Bd Of Ed	50853	Bergen	3,279,264	58,859	327,447	—	551,676
East Rutherford Borough	50850	Bergen	7,359,417	132,092	734,865	—	1,131,655
Edgewater Boro Bd Of Ed	21673	Bergen	2,107,504	37,827	210,442	—	606,941
Edgewater Borough	21670	Bergen	9,351,627	167,849	933,794	—	1,924,856
Edgewater Housing Authority	31730	Bergen	288,772	5,183	28,835	—	47,292
Elmwood Park Borough	20880	Bergen	7,840,840	140,733	782,937	—	1,316,877
Elmwood Park Borough Bd Of Ed	20883	Bergen	6,095,315	109,403	608,640	—	870,071
Emerson Borough	22190	Bergen	4,587,343	82,337	458,063	—	1,422,609
Emerson Borough Bd Of Ed	22193	Bergen	4,126,963	74,074	412,092	—	873,247

Deferred inflows of resources					Pension expense				
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense	
9,389	737,726	33,551	233,236	1,013,902	98,538	769	17,918	117,225	
882	69,337	3,153	86,788	160,160	9,261	53	(438)	8,876	
9,285	729,534	33,178	110,830	882,827	97,444	834	(52,827)	45,451	
10,611	833,720	37,916	50,821	933,068	111,360	—	60,742	172,102	
73,863	5,803,533	263,935	870,934	7,012,265	775,180	—	(13,199)	761,981	
169,726	13,335,737	606,487	—	14,111,950	1,781,259	—	1,378,681	3,159,940	
4,131	324,614	14,763	4,409	347,917	43,359	—	23,488	66,847	
3,156	247,979	11,278	73,168	335,581	33,123	—	28,181	61,304	
778	61,095	2,778	285,323	349,974	8,160	—	(54,960)	(46,800)	
3,282	257,887	11,728	38,147	311,044	34,446	—	5,621	40,067	
6,071	477,010	21,694	18,766	523,541	63,714	—	52,864	116,578	
—	—	—	223,524	223,524	—	—	(74,221)	(74,221)	
43,585	3,424,542	155,743	69,910	3,693,780	457,417	1,857	85,808	545,082	
81,360	6,392,650	290,727	113,743	6,878,480	853,869	—	622,721	1,476,590	
60,592	4,760,869	216,516	2,595,293	7,633,270	635,911	—	(704,391)	(68,480)	
41,369	3,250,440	147,825	427,094	3,866,728	434,163	1,830	38,810	474,803	
49,868	3,918,269	178,196	833,794	4,980,127	523,365	—	(130,533)	392,832	
9,183	721,542	32,815	460,581	1,224,121	96,377	—	26,304	122,681	
23,064	1,812,172	82,415	256,060	2,173,711	242,052	2,957	(68,086)	176,923	
45,859	3,603,261	163,870	919,621	4,732,611	481,289	—	(394,788)	86,501	
7,483	587,927	26,738	—	622,148	78,530	—	380,674	459,204	
13,667	1,073,816	48,835	200,133	1,336,451	143,430	—	(60,407)	83,023	
12,368	971,752	44,194	810,263	1,838,577	129,797	—	(272,433)	(142,636)	
12,526	984,232	44,761	418,271	1,459,790	131,464	—	49,723	181,187	
29,789	2,340,574	106,445	243,782	2,720,590	312,631	—	(73,698)	238,933	
65,072	5,112,821	232,523	477,313	5,887,729	682,921	—	48,840	731,761	
12,283	965,078	43,890	290,775	1,312,026	128,906	—	21,239	150,145	
6,453	507,010	23,058	115,673	652,194	67,722	—	(50,721)	17,001	
10,159	798,209	36,301	724,102	1,568,771	106,617	—	(86,190)	20,427	
12,400	981,358	44,631	194,798	1,233,277	131,080	—	4,162	135,242	
13,874	1,090,116	49,577	535,630	1,689,197	145,607	1,197	(116,814)	29,990	
—	—	—	156,996	156,996	—	—	(225,527)	(225,527)	
—	—	—	105,606	105,606	—	—	(240,014)	(240,014)	
92,870	7,297,000	331,855	4,698,435	12,420,160	974,663	181,982	(737,099)	419,546	
40,681	3,194,817	145,295	469,558	3,850,331	426,733	7,656	46,884	481,273	
6,183	485,780	22,092	409,013	923,068	64,886	—	14,273	79,159	
2,304	181,065	8,235	51,549	243,153	24,185	—	17,415	41,600	
838	65,872	2,996	53,084	122,790	8,799	—	(19,334)	(10,535)	
30,597	2,404,067	109,333	49,971	2,593,968	321,112	4,597	25,581	351,290	
16,316	1,281,957	58,301	145,819	1,502,393	171,231	—	17,995	189,226	
1,288	101,216	4,603	138,510	245,617	13,519	—	1,900	15,419	
47,994	3,770,991	171,498	66,734	4,057,217	503,693	1,010	339,355	844,058	
14,148	1,111,674	50,557	118,181	1,294,560	148,487	—	113,789	262,276	
2,790	219,213	9,969	135,169	367,141	29,280	—	(13,609)	15,671	
2,299	180,660	8,216	131,547	322,722	24,131	—	(30,234)	(6,103)	
73	5,761	262	989	7,085	769	—	(1,366)	(597)	
17,193	1,350,877	61,436	49,555	1,479,061	180,437	—	5,507	185,944	
18,009	1,414,999	64,352	197,388	1,694,748	189,002	—	(151,031)	37,971	
4,953	389,187	17,700	189,190	601,030	51,984	—	10,005	61,989	
6,114	480,372	21,847	201,260	709,593	64,163	485	(39,182)	25,466	
17,005	1,336,127	60,765	1,898,780	3,312,677	178,467	—	(39,812)	138,655	
166,046	13,046,615	593,338	48,343	13,854,342	1,742,641	—	168,628	1,911,269	
227,917	17,907,882	814,421	1,235,615	20,185,835	2,391,963	49,572	2,037,322	4,478,857	
45,429	3,569,467	162,333	118,841	3,896,070	476,775	2,909	335,044	814,728	
158,272	12,435,740	565,557	2,109,121	15,268,690	1,661,046	—	171,245	1,832,291	
165,044	12,967,819	589,755	415,466	14,138,084	1,732,116	—	568,807	2,300,923	
214,986	16,891,933	768,217	4,089,653	21,964,789	2,256,262	—	(1,317,418)	938,844	
986,404	77,503,802	3,524,745	2,552,529	84,567,480	10,352,212	208,048	2,997,648	13,557,908	
2,171	170,617	7,759	—	180,547	22,789	—	28,585	51,374	
4,169	327,597	14,899	—	346,665	43,757	—	24,625	68,382	
61,700	4,847,926	220,476	270,275	5,400,377	647,539	790	139,912	788,241	
64,853	5,095,622	231,740	399,217	5,791,432	680,624	—	(49,176)	631,448	
11,034	866,974	39,429	207,273	1,124,710	115,802	—	285,082	400,884	
11,135	874,896	39,789	306,271	1,232,091	116,860	—	59,807	176,667	
43,003	3,378,815	153,663	132,102	3,707,583	451,310	—	209,304	660,614	
9,665	759,400	34,536	218,674	1,022,275	101,433	—	(58,718)	42,715	
9,788	769,032	34,974	146,132	959,926	102,720	17,023	(10,466)	109,277	
2,499	196,317	8,928	49,970	257,714	26,222	—	41,532	67,754	
40,299	3,166,398	144,003	446,102	3,796,802	422,937	—	(149,949)	272,988	
49,014	3,851,111	175,142	1,203,837	5,279,104	514,394	11,722	(30,560)	495,556	
9,933	780,463	35,494	91,233	917,123	104,247	—	(16,704)	87,543	
16,828	1,322,207	60,132	132,339	1,531,506	176,608	—	3,943	180,551	
32,228	2,532,203	115,160	369,083	3,048,674	338,227	3,648	131,000	472,875	
24,155	1,897,918	86,314	434,133	2,442,520	253,506	—	(105,004)	148,502	
36,622	2,877,463	130,862	349,160	3,394,107	384,344	850	(32,667)	352,527	
12,819	1,007,244	45,808	264,998	1,339,069	134,538	—	(147,730)	(13,192)	
12,321	968,094	44,027	149,536	1,173,978	129,309	2,361	37,964	169,634	
35,656	2,801,561	127,410	777,744	3,742,371	374,205	—	(264,798)	109,407	
37,318	2,932,192	133,351	330,226	3,433,087	391,654	—	(192,652)	199,002	
14,486	1,138,222	51,764	280,365	1,484,837	152,033	1,809	(32,335)	121,507	
32,511	2,554,430	116,171	610,079	3,313,191	341,196	—	(317,639)	23,557	
9,310	731,508	33,268	292,749	1,066,835	97,708	—	(18,900)	78,808	
41,311	3,245,920	147,619	102,414	3,537,264	433,559	—	78,414	511,973	
1,276	100,232	4,558	269,001	375,067	13,388	—	(87,887)	(74,499)	
34,637	2,721,531	123,771	452,097	3,332,036	363,516	9,860	(18,613)	354,763	
26,926	2,115,664	96,217	366,524	2,605,331	282,590	—	(20,968)	261,622	
20,265	1,592,252	72,413	390,313	2,075,243	212,678	759	28,561	241,998	
18,231	1,432,456	65,146	238,229	1,754,062	191,334	—	(40,384)	150,950	

**STATE OF NEW JERSEY**  
**PUBLIC EMPLOYEES' RETIREMENT SYSTEM**  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Deferred outflows of resources								
Employer	Employer number	County	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Englewood City	20580	Bergen	\$ 21,725,034	389,936	2,169,324	—	378,245	2,937,505
Englewood City Bd Of Ed	20583	Bergen	4,855,238	87,145	484,813	—	155,115	727,073
Englewood Cliffs Bd Of Ed	50933	Bergen	3,168,620	56,873	316,398	—	290,332	663,603
Englewood Cliffs Borough	50930	Bergen	3,201,556	57,464	319,687	—	367,540	744,691
Englewood Housing Auth	56100	Bergen	2,003,380	35,958	200,045	—	455,575	691,578
Fair Lawn Bd Of Ed	20433	Bergen	23,963,856	430,120	2,392,879	—	38,877	2,861,876
Fair Lawn Borough	20430	Bergen	25,894,381	464,770	2,585,649	—	293,115	3,343,534
Fairview Boro Bd Of Ed	20653	Bergen	3,752,332	67,349	374,684	—	282,443	724,476
Fairview Borough	20650	Bergen	5,814,841	104,369	580,633	—	177,816	862,818
Fort Lee Bd Of Ed	20893	Bergen	12,650,416	227,058	1,263,190	—	856,291	2,346,539
Fort Lee Borough	20890	Bergen	30,025,938	538,926	2,998,200	—	1,577,908	5,115,034
Fort Lee Housing Authority	31330	Bergen	819,395	14,707	81,820	—	117,860	214,387
Fort Lee Parking Authority	56390	Bergen	2,187,862	39,269	218,466	—	179,158	436,893
Franklin Lakes Bd Of Ed	22463	Bergen	6,464,426	116,028	645,497	—	1,073,918	1,835,443
Franklin Lakes Borough	22460	Bergen	7,160,950	128,530	715,047	—	439,790	1,283,367
Garfield City	20810	Bergen	12,411,344	222,767	1,239,318	—	874,704	2,336,789
Garfield City Bd Of Ed	20813	Bergen	24,480,807	439,398	2,444,499	—	657,942	3,541,839
Garfield Housing Authority	30550	Bergen	1,973,186	35,416	197,030	—	165,601	398,047
Glen Rock Borough	22420	Bergen	9,248,948	166,007	923,541	—	366,320	1,455,868
Glen Rock Borough Bd Of Ed	22423	Bergen	7,737,957	138,886	772,663	—	35,051	946,600
Hackensack City	20590	Bergen	26,328,882	472,569	2,629,036	—	702,546	3,804,151
Hackensack City Bd Of Ed	20593	Bergen	26,128,655	468,975	2,609,042	—	294,893	3,372,910
Hackensack Housing Authority	30520	Bergen	2,089,017	37,495	208,596	—	108,513	354,604
Harrington Park Bd Of Ed	22433	Bergen	3,658,582	65,667	365,323	—	385,432	816,422
Harrington Park Borough	22430	Bergen	2,791,506	50,104	278,742	—	75,820	404,666
Hasbrouck Heights Bd Of Ed	20453	Bergen	5,296,066	95,057	528,831	—	134,872	758,760
Hasbrouck Heights Borough	20450	Bergen	9,087,881	163,116	907,458	—	332,004	1,402,578
Haworth Borough	22150	Bergen	2,852,358	51,196	284,818	—	121,792	457,806
Haworth Borough Bd Of Ed	22153	Bergen	1,805,376	32,404	180,273	—	247,795	460,472
Hillsdale Borough	21360	Bergen	3,807,979	68,348	380,241	—	432,099	880,688
Hillsdale Borough Bd Of Ed	21363	Bergen	3,537,193	63,488	353,202	—	17,868	434,558
Ho-Ho-Kus Bd Of Ed	21603	Bergen	1,942,547	34,866	193,970	—	133,668	362,504
Ho-Ho-Kus Borough	21600	Bergen	3,211,910	57,650	320,721	—	431,516	809,887
Hudson Arts & Sciences Charter School	56600	Bergen	1,013,731	18,195	101,225	—	849,644	969,064
Leonia Borough	20930	Bergen	5,499,673	98,712	549,163	—	28,927	676,802
Leonia Borough Bd Of Ed	20933	Bergen	7,224,080	129,663	721,351	—	416,868	1,267,882
Little Ferry Bd Of Ed	23273	Bergen	3,045,731	54,667	304,127	—	355,408	714,202
Little Ferry Borough	23270	Bergen	4,424,164	79,408	441,769	—	526,439	1,047,616
Lodi Bd Of Ed	20463	Bergen	8,407,177	150,898	839,487	—	223,443	1,213,828
Lodi Borough	20460	Bergen	8,386,671	150,530	837,440	—	861,656	1,849,626
Lodi Housing Authority	30370	Bergen	2,116,748	37,993	211,365	—	176,685	426,043
Lyndhurst Township	22580	Bergen	11,003,921	197,506	1,098,782	—	731,254	2,027,542
Lyndhurst Twp Bd Of Ed	22583	Bergen	7,115,362	127,711	710,485	—	104,258	942,464
Mahwah Bd Of Ed	22473	Bergen	10,929,213	196,165	1,091,322	—	225,695	1,513,162
Mahwah Township	22470	Bergen	15,876,720	284,966	1,585,349	—	397,470	2,267,785
Maywood Bd Of Ed	21803	Bergen	2,734,211	49,076	273,021	—	154,377	476,474
Maywood Borough	21800	Bergen	3,848,843	69,082	384,321	—	159,902	613,305
Mid Bergen Reg Health Comm	32660	Bergen	846,403	15,192	84,516	—	115,235	314,943
Midland Park Boro Bd Of Ed	52143	Bergen	6,183,934	110,994	617,489	—	1,026,902	1,755,385
Midland Park Borough	52140	Bergen	3,565,072	63,988	355,986	—	466,626	886,600
Montvale Borough	22250	Bergen	4,272,581	76,687	426,633	—	200,399	703,719
Montvale Borough Bd Of Ed	22253	Bergen	2,405,427	43,174	240,191	—	126,408	409,773
Moonachie Borough	52260	Bergen	2,788,320	50,047	278,424	—	215,853	544,324
Moonachie Borough Bd Of Ed	52263	Bergen	1,432,320	25,708	143,022	—	447,242	615,972
New Milford Bd Of Ed	20683	Bergen	9,969,313	178,936	995,473	—	1,158,015	2,332,424
New Milford Borough	20680	Bergen	8,329,820	149,509	831,763	—	624,376	1,605,648
North Arlington Bd Of Ed	20053	Bergen	6,096,019	109,416	608,710	—	280,563	998,689
North Arlington Borough	20050	Bergen	5,889,419	105,707	588,080	—	194,061	887,848
Northern Highlands Reg H S	40160	Bergen	5,421,112	97,302	541,318	—	265,108	903,728
Northern Valley Reg H S Dist	40200	Bergen	24,589,711	441,353	2,455,373	—	1,048,433	3,945,159
Northvale Bd Of Ed	23153	Bergen	1,713,200	30,750	171,069	—	139,339	341,158
Northvale Borough	23150	Bergen	2,912,154	52,269	290,789	—	264,276	607,334
Northwest Bergen Cent Dispatch	35180	Bergen	2,050,746	36,808	204,775	—	379,421	621,004
Northwest Bergen Co Util Auth	31230	Bergen	9,851,018	176,813	983,660	—	415,109	1,575,582
Northwest Bergen Health Comm	55180	Bergen	898,196	16,121	89,688	—	124,645	230,454
Norwood Bd Of Ed	23353	Bergen	1,878,954	33,725	187,620	—	50,762	272,107
Norwood Borough	23350	Bergen	2,804,121	50,330	280,002	—	135,023	465,355
Oakland Bd Of Ed	22073	Bergen	6,377,400	114,466	636,807	—	283,559	1,034,832
Oakland Borough	22070	Bergen	7,366,141	132,213	735,536	—	109,265	977,014
Old Tappan Bd Of Ed	23163	Bergen	1,474,795	26,471	147,264	—	109,266	283,001
Old Tappan Borough	23160	Bergen	4,327,579	77,674	432,125	—	160,389	670,188
Oradell Bd Of Ed	21193	Bergen	1,860,300	33,390	185,758	—	10,693	229,841
Oradell Borough	21190	Bergen	5,524,458	99,157	551,637	—	666,864	1,317,658
Palisades Park Bd Of Ed	20983	Bergen	4,328,154	77,685	432,182	—	92,539	602,406
Palisades Park Borough	20980	Bergen	8,398,211	150,737	838,592	—	894,196	1,883,525
Paramus Bd Of Ed	22773	Bergen	18,669,856	335,099	1,864,254	—	544,709	2,744,062
Paramus Borough	22770	Bergen	34,350,424	616,545	3,430,016	—	5,194,881	9,241,442
Park Ridge Boro Bd Of Ed	21383	Bergen	5,644,698	101,315	563,644	—	117,794	836,753
Park Ridge Borough	21380	Bergen	9,360,074	168,001	934,638	—	807,905	1,910,544
Pascack Valley Reg H S Dist	40120	Bergen	13,052,592	234,277	1,303,349	—	637,123	2,174,749
Paterson Arts & Science Charter School	53400	Bergen	2,122,398	38,094	211,929	—	973,947	1,223,970
Ramapo Indian Hills Reg H S D	40130	Bergen	10,272,201	184,373	1,025,717	—	309,487	1,519,577
Ramsey Borough	21710	Bergen	10,037,834	180,166	1,002,315	—	198,452	1,380,933
Ramsey Borough Bd Of Ed	21713	Bergen	15,560,032	279,282	1,553,726	—	719,590	2,552,598
Ridgefield Boro Bd Of Ed	20483	Bergen	12,452,949	223,514	1,243,473	—	1,394,460	2,861,447
Ridgefield Borough	20480	Bergen	7,149,243	128,320	713,878	—	563,121	1,405,319
Ridgefield Park Bd Of Ed	20553	Bergen	4,197,874	75,346	419,173	—	524,428	1,018,947
Ridgefield Park Village	20550	Bergen	9,122,966	163,745	910,962	—	454,670	1,529,377

Deferred inflows of resources				Pension expense				
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
95,972	7,540,691	342,938	1,886,036	9,865,637	1,007,213	—	(233,850)	773,363
21,448	1,685,238	76,642	1,591,515	3,374,843	225,098	—	(1,418,062)	(1,192,964)
13,998	1,099,818	50,018	42,046	1,205,880	146,903	—	142,945	289,848
14,143	1,111,250	50,538	298,421	1,474,352	148,430	1,937	65,575	215,942
8,850	695,367	31,624	127,849	863,690	92,880	—	63,608	156,488
105,862	8,317,778	378,279	2,821,859	11,623,778	1,111,009	10,823	(790,060)	331,772
114,390	8,987,858	408,753	1,479,686	10,990,687	1,200,512	1,964	(252,299)	950,177
16,576	1,302,423	59,232	358,138	1,736,369	173,965	23,053	65,775	262,793
25,687	2,018,313	91,790	106,289	2,242,079	269,587	—	(92,398)	177,189
55,884	4,390,919	199,692	985,340	5,631,835	586,497	39,590	138,781	764,868
132,641	10,421,908	473,971	557,075	11,585,595	1,392,058	—	442,335	1,834,393
3,620	284,409	12,934	259,740	560,703	37,989	—	(59,596)	(21,607)
9,665	759,400	34,536	256,751	1,060,352	101,433	—	76,733	178,166
28,557	2,243,782	102,043	13,900	2,388,282	299,703	25,976	348,843	674,522
31,634	2,485,543	113,038	357,733	2,987,948	331,995	1,344	35,637	368,976
54,828	4,307,938	195,918	15,773	4,574,457	575,413	—	260,257	835,670
108,145	8,497,211	386,439	4,579,804	13,571,599	1,134,976	—	(91,066)	1,043,910
8,717	684,887	31,148	394,904	1,119,656	91,481	—	(95,227)	(3,746)
40,858	3,210,281	145,998	399,624	3,796,761	428,798	—	1,689	430,487
34,183	2,685,820	122,147	680,056	3,522,206	358,746	2,982	(215,436)	146,292
116,309	9,138,672	415,612	520,470	10,191,063	1,220,656	—	(135,122)	1,085,534
115,425	9,069,173	412,451	1,194,046	10,791,095	1,211,373	659	79,290	1,291,322
9,228	725,091	32,976	25,120	792,415	96,851	—	36,931	133,782
16,162	1,269,882	57,752	206,289	1,550,085	169,619	—	140,722	310,341
12,332	968,923	44,065	36,048	1,061,368	129,419	1,033	49,026	179,478
23,396	1,838,244	83,600	215,142	2,160,382	245,535	—	(9,401)	236,134
40,146	3,154,375	143,456	257,585	3,595,562	421,331	4,720	107,862	533,913
12,600	990,044	45,026	709,977	1,757,647	132,241	—	(168,656)	(36,415)
7,975	626,640	28,499	337,697	1,000,811	83,701	—	109,136	192,837
16,822	1,321,737	60,110	468,168	1,866,837	176,545	—	(140,428)	36,117
15,626	1,227,749	55,836	416,349	1,715,560	163,991	—	(125,032)	38,959
8,581	674,252	30,664	550,932	1,264,429	90,060	161	(47,862)	42,359
14,189	1,114,844	50,701	886,227	2,065,961	148,910	1,709	(184,067)	(33,448)
4,478	351,863	16,002	—	372,343	46,998	—	228,247	275,245
24,295	1,908,919	86,814	988,678	3,008,706	254,975	15,665	(435,847)	(165,207)
31,913	2,507,455	114,035	238,627	2,892,030	334,922	—	(17,196)	317,726
13,455	1,057,164	48,078	89,710	1,208,407	141,206	—	84,853	226,159
19,544	1,535,613	69,837	30,444	1,655,438	205,112	1,677	111,491	318,280
37,139	2,918,104	132,711	245,248	3,333,202	389,772	—	(25,678)	364,094
37,049	2,910,987	132,387	524,480	3,604,903	388,822	372	(102,414)	286,780
9,351	734,716	33,414	252,404	1,029,885	98,136	—	(26,714)	71,422
48,610	3,819,426	173,701	1,288,464	5,330,201	510,162	—	(377,791)	132,371
31,433	2,469,720	112,319	500,840	3,114,312	329,881	—	(133,293)	196,588
48,280	3,793,495	172,522	389,749	4,404,046	506,699	74	(192,787)	313,986
70,136	5,510,759	250,620	1,017,046	6,848,561	736,074	8,735	(304,721)	440,088
12,079	949,036	43,161	101,949	1,106,225	126,763	—	(42,379)	84,384
17,002	1,335,921	60,755	311,783	1,725,461	178,439	2,152	(126,509)	54,082
3,739	293,784	13,361	68,591	379,475	39,241	—	5,443	44,684
27,318	2,146,424	97,616	—	2,271,358	286,699	—	414,007	700,706
15,749	1,237,425	56,276	30,579	1,340,299	165,283	—	202,760	368,043
18,874	1,482,999	67,444	371,916	1,941,233	198,085	—	(213,251)	(15,166)
10,626	834,916	37,971	631,670	1,515,183	111,520	—	(220,005)	(108,485)
12,318	967,817	44,015	185,156	1,209,306	129,272	54,211	(1,406)	182,077
6,327	497,154	22,610	340,970	867,061	66,405	—	3,858	70,263
44,040	3,460,317	157,369	363,615	4,025,341	462,196	5,524	342,229	809,949
36,797	2,891,254	131,489	15,526	3,075,066	386,186	—	257,387	643,573
26,930	2,115,909	96,228	223,494	2,462,561	282,623	—	114,181	396,804
26,017	2,044,199	92,967	194,315	2,357,498	273,044	6,841	(95,621)	184,264
23,948	1,881,651	85,574	84,050	2,075,223	251,333	3,293	201,075	351,017
108,626	8,535,011	388,158	527,262	9,559,057	1,140,025	—	376,467	1,516,492
7,568	594,646	27,044	227,238	856,496	79,427	—	(63,047)	16,380
12,865	1,010,799	45,969	157,465	1,227,098	135,013	16,342	80,093	231,448
9,059	711,808	32,372	240,207	993,446	95,076	—	8,789	103,865
43,517	3,419,257	155,502	65,943	3,684,219	456,711	985	202,987	660,683
3,968	311,761	14,178	51,602	381,509	41,642	—	12,484	54,126
8,300	652,179	29,660	249,095	939,234	87,112	—	(78,794)	8,318
12,387	973,302	44,264	380,421	1,410,374	130,004	—	(46,882)	83,122
28,173	2,213,575	100,670	127,556	2,469,974	295,668	12,798	70,596	379,062
32,540	2,556,764	116,277	567,295	3,272,876	341,508	12,730	(135,196)	219,042
6,515	511,897	23,280	450,538	992,230	68,374	—	(167,103)	(98,729)
19,117	1,502,089	68,313	374,924	1,964,443	200,635	652	(62,317)	138,970
8,218	645,704	29,366	306,215	989,503	86,247	3,147	(125,146)	(35,752)
24,405	1,917,522	87,206	305,073	2,334,206	256,124	4,153	61,870	322,147
19,120	1,502,288	68,322	142,806	1,732,536	200,661	—	(16,919)	183,742
37,100	2,914,992	132,569	112,976	3,197,637	389,357	—	169,829	559,186
82,475	6,480,248	294,711	1,737,977	8,595,411	865,569	—	(599,641)	265,928
151,745	11,922,923	542,235	—	12,616,903	1,592,549	13,225	1,877,395	3,483,169
24,936	1,959,257	89,104	348,047	2,421,344	261,699	—	(24,266)	237,433
41,349	3,248,852	147,752	606,085	4,044,038	433,950	—	296,455	730,405
57,661	4,530,514	206,040	—	4,794,215	605,142	—	329,469	934,611
9,376	736,677	33,503	—	779,556	98,398	—	439,762	538,160
45,378	3,565,448	162,151	559,356	4,332,333	476,238	105	(15,222)	461,121
44,343	3,484,100	158,451	751,083	4,437,977	465,373	—	(105,270)	360,103
68,737	5,400,838	245,621	272,301	5,987,497	721,392	—	377,447	1,098,839
55,012	4,322,379	196,575	30,856	4,604,822	577,342	8,584	395,646	981,572
31,582	2,481,480	112,854	626,886	3,252,802	331,452	—	(87,601)	243,851
18,544	1,457,069	66,265	6,133,360	7,675,238	194,621	20,463	(1,095,930)	(880,846)
40,301	3,166,553	144,010	49,091	3,399,955	422,958	—	166,086	589,044

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Deferred outflows of resources		
						Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Ridgewood Public Library	20564	Bergen	\$ 2,682,529	48,148	267,860	—	165,604	481,612
Ridgewood Twp Bd Of Ed	20563	Bergen	12,773,286	229,264	1,275,460	—	99,852	1,604,576
Ridgewood Village	20560	Bergen	28,889,745	518,533	2,884,747	—	1,358,672	4,761,952
River Dell Reg School District	40060	Bergen	7,108,842	127,594	709,844	—	168,511	1,005,949
River Edge Boro Bd Of Ed	21513	Bergen	6,538,819	117,363	652,925	—	338,482	1,108,770
River Edge Borough	21510	Bergen	7,102,192	127,475	709,180	—	215,004	1,051,659
River Vale Township	22080	Bergen	5,881,880	105,572	587,327	—	558,167	1,251,066
River Vale Twp Bd Of Ed	22083	Bergen	4,732,145	84,936	472,522	—	99,594	657,052
Rochelle Park Township	21620	Bergen	2,919,211	52,396	291,494	—	534,054	877,944
Rochelle Park Twp Bd Of Ed	21623	Bergen	1,310,820	23,528	130,890	—	163,591	318,009
Rockleigh Borough	52890	Bergen	447,579	8,033	44,692	—	29,874	82,599
Rutherford Boro Bd Of Ed	20703	Bergen	7,320,776	131,398	731,006	—	373,762	1,236,166
Rutherford Borough	20700	Bergen	13,127,967	235,630	1,310,876	—	662,882	2,209,388
Saddle Brook Bd Of Ed	52963	Bergen	6,593,668	118,348	658,402	—	—	776,750
Saddle Brook Township	52960	Bergen	7,435,829	133,463	742,495	—	685,161	1,561,119
Saddle River Bd Of Ed	22863	Bergen	1,463,422	26,267	146,128	—	421	172,816
Saddle River Borough	22860	Bergen	3,520,651	63,191	351,550	—	631,821	1,046,562
South Hackensack Bd Of Ed	20533	Bergen	1,124,672	20,186	112,303	—	31,128	163,617
South Hackensack Township	20530	Bergen	1,694,417	30,413	169,194	—	106,840	306,447
Teaneck Bd Of Ed	20033	Bergen	12,546,755	225,198	1,252,840	—	—	1,478,038
Teaneck Community Charter Sch	35630	Bergen	1,251,506	22,463	124,967	—	206,763	354,193
Teaneck Township	20030	Bergen	26,117,337	468,772	2,607,912	—	1,370,268	4,446,952
Tenafly Bd Of Ed	20503	Bergen	15,015,738	269,513	1,499,377	—	230,188	1,999,078
Tenafly Borough	20500	Bergen	14,222,092	255,268	1,420,128	—	467,155	2,142,551
Teterboro Borough	23370	Bergen	2,247,546	40,341	224,426	—	138,424	403,191
Upper Saddle River Bd Of Ed	53423	Bergen	6,338,684	113,771	632,941	—	660,528	1,407,240
Upper Saddle River Boro	53420	Bergen	4,134,558	74,210	412,851	—	172,435	659,496
Waldwick Boro Bd Of Ed	21953	Bergen	6,255,567	112,279	624,641	—	132,501	869,421
Waldwick Borough	21950	Bergen	6,564,604	117,826	655,500	—	161,122	934,448
Wallington Borough	53490	Bergen	2,967,985	53,271	296,364	—	146,642	496,277
Wallington Borough Bd Of Ed	53493	Bergen	3,115,307	55,916	311,075	—	5,540	372,531
Washington Township (Bergen)	22040	Bergen	2,595,244	46,581	259,145	—	198,374	504,100
Westwood Borough	21530	Bergen	6,696,144	120,187	668,635	—	186,646	975,468
Westwood Reg Sch District	40080	Bergen	9,430,281	169,261	941,648	—	478,869	1,589,778
Woodcliff Lake Bd Of Ed	22483	Bergen	2,634,422	47,284	263,057	—	28,017	338,358
Woodcliff Lake Borough	22480	Bergen	3,515,076	63,091	350,993	—	59,645	473,729
Wood-Ridge Bd Of Ed	21053	Bergen	4,175,052	74,937	416,894	—	345,594	837,425
Wood-Ridge Borough	21050	Bergen	4,727,033	84,844	472,012	—	383,956	940,812
Wyckoff Township	22490	Bergen	8,468,084	151,991	845,569	—	497,985	1,495,545
Wyckoff Township Bd Of Ed	22493	Bergen	7,850,324	140,903	783,884	—	821,097	1,745,884
Bass River Twp Bd Of Ed	23533	Burlington	520,175	9,336	51,941	—	141,238	202,515
Bass River Twp Municipal Bldg	23530	Burlington	506,412	9,089	50,567	—	22,761	82,417
Benjamin Banneker Prep Charter School	52500	Burlington	649,582	11,551	64,264	—	338,176	413,991
Beverly City Bd Of Ed	21663	Burlington	965,198	17,324	96,379	—	71,373	185,076
Beverly City Housing Authority	56370	Burlington	703,582	12,628	70,255	—	67,304	150,187
Beverly City Municipal Bldg	21660	Burlington	794,443	14,259	79,328	—	45,070	138,657
Beverly Sewerage Authority	30280	Burlington	489,110	8,779	48,839	—	17,913	75,531
Bordentown City	22290	Burlington	2,930,437	52,596	292,615	—	491,875	837,088
Bordentown Fire District #1	34570	Burlington	32,695	587	3,265	—	7,541	11,393
Bordentown Reg Sch District	40150	Burlington	11,309,161	202,985	1,129,261	—	53,241	1,385,487
Bordentown Sewerage Auth	34320	Burlington	2,275,962	40,851	227,263	—	99,713	367,827
Bordentown Twp	22590	Burlington	4,080,301	73,236	407,433	—	716,878	1,197,547
Bordentown Twp Fire District 2	34620	Burlington	161,419	2,897	16,118	—	21,371	40,386
Burlington City	20069	Burlington	—	—	—	—	11,238	11,238
Burlington City	20060	Burlington	8,301,423	149,000	828,928	—	435,393	1,413,321
Burlington City Bd Of Ed	20063	Burlington	7,910,453	141,982	789,888	—	851,721	1,783,591
Burlington City Housing Auth	56210	Burlington	425,702	7,641	42,508	—	14,913	65,062
Burlington Co Bd Of Social Serv	10071	Burlington	30,201,917	542,085	3,015,772	—	1,863,062	5,420,919
Burlington Co Bd Spcl Services	40490	Burlington	24,872,425	446,427	2,483,603	—	1,794,345	4,724,375
Burlington Co College	31090	Burlington	22,366,542	401,450	2,233,381	—	266,740	2,901,571
Burlington Co Institute Of Tech	10073	Burlington	10,281,796	184,545	1,026,675	—	358,924	1,570,144
Burlington Co Soil Con Dist	32720	Burlington	700,896	12,580	69,987	—	137,763	220,330
Burlington County Bridge Comm	30420	Burlington	19,199,089	344,599	1,917,100	—	69,559	2,331,258
Burlington County/Payroll Dept	10070	Burlington	112,216,807	2,014,145	11,205,260	—	1,098,395	14,317,800
Burlington Township	21970	Burlington	12,869,260	230,986	1,285,043	—	423,704	1,939,733
Burlington Twp Bd Of Ed	21973	Burlington	6,154,036	110,457	614,503	—	—	724,960
Burlington Twp Fire District 1	34880	Burlington	717,623	12,880	71,657	—	89,988	174,525
Chesterfield Township	50560	Burlington	1,560,191	28,003	155,791	—	67,960	251,754
Chesterfield Twp Bd Of Ed	50563	Burlington	1,706,680	30,633	170,418	—	111,860	312,911
Cinnaminson Sewerage Authority	55900	Burlington	1,758,788	31,568	175,621	—	340,712	547,901
Cinnaminson Township	22050	Burlington	4,699,450	84,349	469,257	—	855,468	1,409,074
Cinnaminson Twp Bd Of Ed	22053	Burlington	14,037,592	251,956	1,401,705	—	732,522	2,386,183
Delanco Sewerage Authority	55150	Burlington	369,185	6,626	36,864	—	12,452	55,942
Delanco Township	50680	Burlington	1,739,931	31,229	173,738	—	69,952	274,919
Delanco Twp Bd Of Ed	50683	Burlington	1,411,628	25,337	140,956	—	271,938	438,231
Delran Township	22600	Burlington	6,219,019	111,623	620,992	—	122,293	854,908
Delran Twp Bd Of Ed	22603	Burlington	7,490,846	134,451	747,988	—	193,232	1,075,671
Delran Twp Fire District #1	34690	Burlington	418,811	7,517	41,820	—	9,302	58,639
Eastampton Township	50790	Burlington	1,974,001	35,431	197,111	—	414,600	647,142
Eastampton Township Bd Of Ed	50793	Burlington	2,103,114	37,748	210,004	—	10,641	258,393
Edgewater Park Sewerage Auth	56170	Burlington	161,901	2,906	16,166	—	68,006	87,078
Edgewater Park Township	50870	Burlington	1,385,009	24,859	138,298	—	120,198	283,355
Edgewater Park Twp Bd Of Ed	50873	Burlington	2,993,308	53,726	298,893	—	251,951	604,570
Evesham Mun. Utilities Auth	31430	Burlington	8,256,465	148,193	824,438	—	783,191	1,755,822
Evesham Township	50960	Burlington	14,262,456	255,992	1,424,159	—	1,922,201	3,602,352
Evesham Twp Bd Of Ed	50963	Burlington	24,749,888	444,228	2,471,367	—	460,506	3,376,101
Fieldsboro Borough	51010	Burlington	93,621	1,680	9,348	—	85	11,113
Florence Township	21860	Burlington	7,898,468	141,767	788,691	—	760,550	1,691,008

Deferred inflows of resources					Pension expense			
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
11,850	931,097	42,345	688,218	1,673,510	124,367	—	(176,426)	(52,059)
56,427	4,433,567	201,631	2,109,733	6,801,358	592,193	3,992	(1,488,212)	(892,027)
127,622	10,027,539	456,036	118,000	10,729,197	1,339,382	50,804	326,831	1,717,017
31,404	2,467,456	112,216	18,638	2,629,714	329,579	—	74,122	403,701
28,886	2,269,603	103,218	256,623	2,658,330	303,152	2,977	190,614	496,743
31,374	2,465,148	112,111	12,699	2,621,332	329,271	—	89,958	419,229
25,984	2,041,582	92,848	551,990	2,712,404	272,695	—	132,549	405,244
20,905	1,642,513	74,699	258,112	1,996,229	219,391	—	(48,138)	171,253
12,896	1,013,249	46,081	114,314	1,186,540	135,340	1,349	49,176	185,865
5,791	454,982	20,692	285,065	766,530	60,772	—	(90,791)	(30,019)
1,977	155,353	7,065	6,897	171,292	20,751	497	(5,074)	16,174
32,340	2,541,018	115,561	496,925	3,185,844	339,405	—	(88,330)	251,075
57,994	4,556,676	207,230	532,781	5,354,681	608,637	—	22,263	630,900
29,128	2,288,641	104,084	388,329	2,810,182	305,695	1,626	(418,482)	(111,161)
32,848	2,580,953	117,377	362,743	3,093,921	344,739	—	85,784	430,523
6,465	507,949	23,101	180,046	717,561	67,847	—	(63,563)	4,284
15,553	1,222,007	55,575	121,551	1,414,686	163,224	412	82,430	246,066
4,968	390,370	17,753	376,237	789,328	52,142	—	(63,691)	(11,549)
7,485	588,127	26,747	208,812	831,171	78,556	—	(74,514)	4,042
55,426	4,354,939	198,055	6,466,036	11,074,456	581,691	—	(2,773,536)	(2,191,845)
5,529	434,394	19,756	29,174	488,853	58,022	—	44,767	102,789
115,375	9,065,245	412,272	532,110	10,125,002	1,210,848	—	401,324	1,612,172
66,333	5,211,915	237,029	327,212	5,842,489	696,157	3,730	(36,457)	663,430
62,827	4,936,443	224,501	592,472	5,816,243	659,363	3,557	129,229	792,149
9,929	780,116	35,478	97,256	922,779	104,200	—	24,965	129,165
28,002	2,200,137	100,059	64,836	2,393,034	293,873	—	257,626	551,499
18,265	1,435,092	65,266	269,956	1,788,579	191,686	—	(29,773)	161,913
27,634	2,171,287	98,747	565,845	2,863,513	290,020	—	(157,904)	132,116
29,000	2,278,553	103,625	442,790	2,853,968	304,347	—	(83,090)	221,257
13,111	1,030,178	46,851	133,753	1,223,893	137,601	11,473	16,027	165,101
13,762	1,081,313	49,176	132,089	1,276,340	144,431	—	(63,226)	81,205
11,465	900,801	40,967	566,910	1,520,143	120,320	—	(132,085)	(11,765)
29,581	2,324,210	105,701	664,703	3,124,195	310,446	—	(198,383)	112,063
41,659	3,273,221	148,861	286,419	3,750,160	437,205	1,916	71,507	510,628
11,638	914,400	41,585	144,740	1,112,363	122,137	—	(49,077)	73,060
15,528	1,220,072	55,487	78,903	1,369,990	162,965	1,440	(70,144)	94,261
18,444	1,449,147	65,905	138,063	1,671,559	193,563	—	134,293	327,856
20,882	1,640,738	74,618	252,395	1,988,633	219,154	—	(5,116)	214,038
37,408	2,939,245	133,672	355,161	3,465,468	392,596	—	122,406	515,002
34,679	2,724,823	123,920	294,846	3,178,286	363,956	—	248,730	612,686
2,298	180,551	8,211	45,154	236,214	24,116	—	15,715	39,831
2,237	175,774	7,994	205,013	391,018	23,478	124	(64,956)	(41,354)
2,843	223,385	10,159	226,678	463,065	29,838	—	119,234	149,072
4,264	335,017	15,236	33,503	388,020	44,748	—	19,147	63,895
3,108	244,211	11,106	9,110	267,535	32,619	—	27,054	59,673
3,509	275,749	12,541	39,127	330,926	36,832	353	(13,377)	23,808
2,161	169,769	7,721	39,260	218,911	22,676	—	(16,810)	5,866
12,945	1,017,145	46,258	139,614	1,215,962	135,860	—	47,433	183,293
144	11,348	516	27,003	39,011	1,516	—	(3,709)	(2,193)
49,959	3,925,374	178,520	344,450	4,498,303	524,314	—	(70,741)	453,573
10,054	789,979	35,927	7,588	843,548	105,518	—	47,324	152,842
18,025	1,416,260	64,409	355,160	1,853,854	189,170	2,153	173,569	364,892
713	56,028	2,548	3,232	62,521	7,484	—	5,298	12,782
—	—	—	159,326	159,326	—	—	(38,665)	(38,665)
36,672	2,881,398	131,041	113,784	3,162,895	384,869	—	52,855	437,724
34,945	2,745,693	124,870	1,002,479	3,907,987	366,743	—	(249,499)	117,244
1,881	147,760	6,720	—	156,361	19,736	—	9,078	28,814
133,419	10,482,990	476,749	2,409,135	13,502,293	1,400,217	—	(88,390)	1,311,827
109,875	8,633,140	392,621	947,493	10,083,129	1,153,132	—	(397,122)	756,010
98,806	7,763,356	353,065	422,787	8,638,014	1,036,954	697	(101,319)	936,332
45,420	3,568,779	162,302	1,697,319	5,473,820	476,683	17,918	(249,001)	245,600
3,096	243,279	11,064	—	257,439	32,495	—	45,565	78,060
84,813	6,663,943	303,065	666,576	7,718,397	890,105	—	(312,590)	577,515
495,724	38,950,098	1,771,386	15,057,318	56,274,526	5,202,579	50,966	(6,931,796)	(1,678,251)
56,851	4,466,879	203,146	546,769	5,273,645	596,643	1,618	(15,614)	582,647
27,186	2,136,046	97,144	559,261	2,819,637	285,313	—	(515,449)	(230,136)
3,170	249,085	11,328	—	263,583	33,270	—	41,704	74,974
6,892	541,538	24,628	76,785	649,843	72,333	—	36,208	108,541
7,539	592,383	26,941	452,103	1,078,966	79,125	—	(76,760)	2,365
7,770	610,470	27,763	95,981	741,984	81,541	—	99,588	181,129
20,760	1,631,164	74,183	210,147	1,936,254	217,875	745	133,635	352,255
62,012	4,872,404	221,589	431,540	5,587,545	650,809	—	331,666	982,475
1,631	128,143	5,828	6,763	142,365	17,116	—	4,759	21,875
7,686	603,924	27,465	159,083	798,158	80,666	—	(35,090)	45,576
6,236	489,972	22,283	263,090	781,581	65,446	—	22,549	87,995
27,473	2,158,602	98,170	406,165	2,690,410	288,325	23,179	(82,493)	229,011
33,091	2,600,049	118,246	290,248	3,041,634	347,289	—	21,079	368,368
1,850	145,368	6,611	24,239	178,068	19,417	103,958	(20,049)	103,326
8,720	685,170	31,160	113,273	838,323	91,518	—	127,670	219,188
9,291	729,984	33,198	455,783	1,228,256	97,504	659	(182,708)	(84,545)
715	56,195	2,556	11,150	70,616	7,506	—	28,192	35,698
6,118	480,732	21,863	305,441	814,154	64,212	—	(40,599)	23,613
13,223	1,038,968	47,251	716,905	1,816,347	138,775	596	(210,176)	(70,805)
36,473	2,865,793	130,332	126,112	3,158,710	382,785	—	308,864	691,649
63,005	4,950,453	225,138	232,572	5,471,168	661,234	—	423,710	1,084,944
109,334	8,590,608	390,687	1,761,591	10,852,220	1,147,451	—	(183,407)	964,044
414	32,495	1,478	8,935	43,322	4,340	—	(9,527)	(5,187)
34,892	2,741,533	124,680	19,881	2,920,986	366,188	9,242	250,829	626,259

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Florence Township Bd Of Ed	21863	Burlington	\$ 5,130,080	92,078	512,257	—	9,620	613,955
Florence Twp Housing Authority	56440	Burlington	214,250	3,846	21,394	—	97,158	122,398
Florence Twp. Fire Dist. #1	35270	Burlington	201,598	3,618	20,130	—	8,694	32,442
Hainesport Township	51280	Burlington	1,322,231	23,732	132,030	—	356,856	512,618
Hainesport Township Bd Of Ed	51283	Burlington	1,443,101	25,902	144,099	—	53,396	223,397
Lenape Regional H S District	40420	Burlington	37,761,172	677,764	3,770,592	—	1,476,763	5,925,119
Lumberton Township	51910	Burlington	3,480,121	62,464	347,503	—	494,973	904,940
Lumberton Twp Bd Of Ed	51913	Burlington	4,941,727	88,698	493,450	—	109,922	692,070
Mansfield Township (Burlington)	23540	Burlington	2,071,216	37,176	206,818	—	75,448	319,442
Mansfield Twp Bd Ed (Burlington)	23543	Burlington	2,502,882	44,923	249,922	—	285,317	580,162
Maple Shade Bd Of Ed	21873	Burlington	8,949,303	160,628	893,621	—	228,687	1,282,936
Maple Shade Township	21870	Burlington	4,776,789	85,737	476,980	—	268,916	831,633
Medford Lakes Boro Bd Of Ed	52083	Burlington	1,166,610	20,939	116,490	—	73,300	210,729
Medford Lakes Borough	52080	Burlington	1,605,650	28,819	160,330	—	67,449	256,598
Medford Township	52070	Burlington	6,177,191	110,873	616,815	—	672,557	1,400,245
Medford Township Bd Of Ed	52073	Burlington	10,133,270	181,879	1,011,844	—	181,165	1,374,888
Moorestown Township	21890	Burlington	14,106,113	253,186	1,408,547	—	1,555,640	3,217,373
Moorestown Township Bd Of Ed	21893	Burlington	15,694,035	281,687	1,567,107	—	836,796	2,685,590
Moorestown Twp Fire District 1	56330	Burlington	930,743	16,706	92,938	—	35,212	144,856
Moorestown Twp Fire District 2	56410	Burlington	575,192	10,324	57,435	—	142,219	209,978
Mount Holly Mun Util Auth	30540	Burlington	8,342,321	149,732	833,002	—	163,446	1,146,180
Mount Holly Township	21900	Burlington	3,916,178	70,290	391,045	—	831,884	1,293,219
Mount Holly Twp Bd Of Ed	21903	Burlington	3,412,230	61,245	340,724	—	49,249	451,218
Mount Laurel Fire District #1	34370	Burlington	890,249	15,979	88,895	—	50,465	155,339
Mount Laurel Township	23430	Burlington	13,031,586	233,900	1,301,252	—	714,397	2,249,549
Mount Laurel Twp Bd Of Ed	23433	Burlington	20,822,281	373,733	2,079,181	—	185,740	2,638,654
Mount Laurel Twp Mun Util Auth	31580	Burlington	9,648,513	173,178	963,439	—	445,519	1,582,136
New Hanover Township	52370	Burlington	409,253	7,346	40,865	—	13,545	61,756
New Hanover Twp Bd Of Ed	57530	Burlington	699,284	12,551	69,826	—	14,146	96,523
North Hanover Township	52430	Burlington	604,534	10,851	60,365	—	76,267	147,483
North Hanover Township Bd Of Ed	52433	Burlington	6,264,514	112,440	625,535	—	209,323	947,298
Northern Burlington Co Reg	40210	Burlington	9,275,271	166,479	926,170	—	828,724	1,921,373
Palmyra Borough	20320	Burlington	2,604,728	46,751	260,092	—	457,372	764,215
Palmyra Borough Bd Of Ed	20323	Burlington	3,057,123	54,871	305,265	—	70,298	404,434
Pemberton Borough	52590	Burlington	1,049,927	18,845	104,839	—	44,193	167,877
Pemberton Township	52600	Burlington	12,124,795	217,624	1,210,705	—	526,313	1,954,642
Pemberton Township Bd Of Ed	52603	Burlington	38,278,031	687,041	3,822,202	—	1,785,080	6,294,323
Pemberton Twp Mun Util Auth	32020	Burlington	1,696,751	30,454	169,427	—	184,342	384,223
Rancocas Valley Regional H S	40220	Burlington	6,311,787	113,288	630,255	—	291,646	1,035,189
Renaissance Reg Leadership Ctr	48800	Burlington	—	—	—	—	139,024	139,024
Riverbank Ctr Schl Of Excell.	48500	Burlington	124,704	2,238	12,452	—	111,397	126,087
Riverside Sew Authority	30330	Burlington	944,154	16,946	94,277	—	131,242	242,465
Riverside Township	21920	Burlington	1,297,501	23,288	129,560	—	73,357	226,205
Riverside Township Bd Of Ed	21923	Burlington	5,092,180	91,398	508,473	—	57,353	657,224
Riverton Boro School Board	52873	Burlington	683,965	12,276	68,296	—	66,289	146,861
Riverton Borough	52870	Burlington	1,104,573	19,826	110,296	—	108,731	238,853
Shamong Township	53010	Burlington	1,304,059	23,406	130,215	—	167,310	320,931
Shamong Twp Bd Of Ed	53013	Burlington	3,103,267	55,700	309,873	—	198,503	564,076
Southampton Township	53080	Burlington	2,813,735	50,503	280,962	—	243,153	574,618
Southampton Twp Bd Of Ed	53083	Burlington	1,887,049	33,870	188,429	—	65,174	287,473
Springfield Township(Burl)	53170	Burlington	608,442	10,921	60,755	—	56,390	128,066
Springfield Twp Bd Of Ed (Burl)	53173	Burlington	805,835	14,464	80,466	—	245,418	340,348
Tabernacle Township	53280	Burlington	1,885,178	33,836	188,242	—	97,579	319,657
Tabernacle Twp Bd Of Ed	53283	Burlington	3,853,011	69,157	384,737	—	451,460	905,354
Washington Twp (Burlington)	53550	Burlington	61,092	1,097	6,100	—	43,430	50,627
Washington Twp Bd Of Ed (Burl)	53553	Burlington	—	—	—	—	50,335	50,335
Westampton Township	23240	Burlington	4,424,423	79,413	441,795	—	207,178	728,386
Westampton Township Bd Of Ed	23243	Burlington	3,169,175	56,883	316,454	—	116,546	489,883
Willingboro Mun Util Authority	30650	Burlington	5,698,195	102,275	568,986	—	760,476	1,431,737
Willingboro Township	22500	Burlington	18,156,591	325,887	1,813,002	—	1,024,159	3,163,048
Willingboro Twp Bd Of Ed	22503	Burlington	16,363,218	293,698	1,633,927	—	710,793	2,638,418
Woodland Township	53820	Burlington	386,857	6,944	38,629	—	25,405	70,978
Woodland Twp Bd Of Ed	53823	Burlington	551,203	9,893	55,040	—	17,068	82,001
Wrightstown Borough	53850	Burlington	754,227	13,537	75,312	—	76,951	165,800
Wrightstown Mun Util Auth	55880	Burlington	599,847	10,766	59,897	—	57,110	127,773
Audubon Borough	50130	Camden	4,112,181	73,808	410,616	—	605,543	1,089,967
Audubon Borough Bd Of Ed	50133	Camden	5,178,909	92,955	517,133	—	118,613	728,701
Audubon Park Borough	50140	Camden	201,894	3,624	20,160	—	149,876	173,660
Barrington Boro Bd Of Ed	22613	Camden	1,880,862	33,759	187,811	—	134,257	355,827
Barrington Borough	22610	Camden	3,066,311	55,036	306,182	—	269,625	630,843
Bellmaw Borough	50230	Camden	7,414,545	133,081	740,370	—	471,064	1,164,515
Bellmaw Borough Bd Of Ed	50233	Camden	2,777,150	49,846	277,309	—	495,789	822,944
Berlin Borough	22990	Camden	4,067,223	73,001	406,127	—	351,452	830,580
Berlin Borough Bd Of Ed	22993	Camden	1,990,191	35,721	198,728	—	46,281	280,730
Berlin Township	23220	Camden	3,735,105	67,040	372,964	—	124,482	564,486
Berlin Township Bd Of Ed	23223	Camden	2,055,878	36,900	205,287	—	147,725	389,912
Black Horse Pike Reg Sch Dist	40230	Camden	16,847,993	302,999	1,682,334	—	235,289	2,220,022
Brooklawn Boro Bd Of Ed	50413	Camden	650,010	11,667	64,906	—	5,990	82,563
Brooklawn Borough	50410	Camden	1,383,731	24,836	138,171	—	292,187	455,194
Camden Academy Charter High Sch	40000	Camden	—	—	—	—	86,380	86,380
Camden City	21850	Camden	39,413,614	707,423	3,935,594	—	933,686	5,576,703
Camden City Bd Of Ed	21853	Camden	60,340,685	1,083,036	6,025,239	—	—	7,108,275
Camden City Housing Authority	30570	Camden	8,788,884	157,749	877,602	—	168,701	1,204,052
Camden City Park Authority	32780	Camden	2,441,494	43,822	243,792	—	302,832	590,446
Camden City Redevelopment Agency	36500	Camden	1,782,444	31,993	177,984	—	62,040	272,017
Camden Co Bd Of Chosen Fhldrs	10130	Camden	165,476,733	2,970,091	16,523,459	—	10,297,624	29,791,174
Camden Co Bd Of Social Srv	10131	Camden	86,954,653	1,560,722	8,682,741	—	1,523,780	11,767,243
Camden Co Ed Services Comm	32840	Camden	3,594,581	64,518	358,932	—	518,296	941,746

Deferred inflows of resources				Pension expense				
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
22,662	1,780,635	80,980	1,055,980	2,940,257	237,840	—	(423,897)	(186,057)
946	74,365	3,382	31,749	110,442	9,933	—	4,928	14,861
891	69,974	3,182	229,576	303,623	9,346	—	(82,091)	(72,745)
5,841	458,942	20,872	214,557	700,212	61,301	622	(15,090)	46,833
6,375	500,896	22,780	125,867	655,918	66,905	794	(56,410)	11,289
166,812	13,106,783	596,075	1,994,446	15,864,116	1,750,678	97	506,706	2,257,481
15,374	1,207,939	54,935	72,669	1,350,917	161,345	505	152,626	314,476
21,830	1,715,258	78,007	824,184	2,639,279	229,108	—	(207,325)	21,783
9,150	718,912	32,695	107,483	868,240	96,025	1,515	(49,593)	47,947
11,057	868,743	39,509	197,837	1,117,146	116,038	—	(4,020)	112,018
39,534	3,106,275	141,268	334,766	3,621,843	414,906	—	(27,301)	387,605
21,102	1,658,008	75,403	241,637	1,996,150	221,461	1,503	(29,138)	193,826
5,154	404,927	18,415	140,849	569,345	54,086	—	8,013	62,099
7,093	557,316	25,346	167,046	756,801	74,441	—	(15,094)	59,347
27,288	2,144,084	97,509	245,573	2,514,454	286,386	1,963	5,124	293,473
44,764	3,517,226	159,958	59,088	3,781,036	469,797	9,866	27,156	506,819
62,315	4,896,187	222,670	1,183,003	6,364,175	653,986	6,733	(68,088)	592,631
69,329	5,447,350	247,736	262,917	6,027,332	727,605	—	153,620	881,225
4,112	323,058	14,692	184,057	525,919	43,151	—	(85,634)	(42,483)
2,541	199,647	9,080	32,647	243,915	26,667	—	35,193	61,860
36,852	2,895,562	131,685	490,458	3,554,557	386,761	—	(110,607)	276,154
17,300	1,359,293	61,818	32,564	1,470,975	181,561	—	287,204	468,765
15,074	1,184,374	53,863	501,602	1,754,913	158,197	1,056	(153,485)	5,768
3,933	309,003	14,053	350,486	677,475	41,274	16,203	(30,305)	27,172
57,586	4,523,222	205,709	286,445	5,072,944	604,169	1,137	105,361	710,667
91,984	7,227,348	328,688	763,163	8,411,183	965,360	12,698	(205,559)	772,499
42,623	3,348,968	152,306	108,539	3,652,436	447,323	6,149	185,004	638,476
1,808	142,050	6,460	42,441	192,759	18,974	—	(9,721)	9,253
3,089	242,719	11,038	107,420	364,266	32,420	—	(25,139)	7,281
2,671	209,832	9,543	304,411	526,457	28,027	—	(98,089)	(70,062)
27,674	2,174,393	98,888	444,467	2,745,422	290,434	—	(184,263)	106,171
40,974	3,219,417	146,414	481,002	3,887,807	430,019	—	49,799	479,818
11,507	904,093	41,117	182,406	1,139,123	120,760	—	120,574	241,334
13,505	1,061,118	48,258	120,974	1,243,855	141,734	—	(26,714)	115,020
4,638	384,426	16,574	54,113	439,751	48,677	—	7,351	56,028
53,562	4,208,478	191,395	9,560	4,462,995	562,128	34,811	283,844	880,783
169,095	13,286,183	604,234	1,283,636	15,343,148	1,774,641	—	92,185	1,866,826
7,495	588,937	26,784	392,648	1,015,864	78,665	—	(21,964)	56,701
27,883	2,190,801	99,634	323,438	2,641,756	292,626	(3,529)	(37,379)	251,718
—	—	—	457,270	—	—	—	(167,951)	(167,951)
551	43,284	1,969	188,440	234,244	5,782	—	(5,462)	320
4,171	327,713	14,904	178,237	525,025	43,773	—	(49,388)	(5,615)
5,732	450,359	20,482	246,720	723,293	60,155	—	(88,021)	(27,866)
22,495	1,767,479	80,382	27,004	1,897,360	236,083	—	12,339	248,422
3,021	237,402	10,797	39,763	290,983	31,710	—	12,733	44,443
4,880	383,394	17,436	167,413	573,123	51,210	408	(36,777)	14,841
5,761	452,635	20,585	246,362	725,343	60,459	460	11,125	72,044
13,709	1,077,134	48,986	703,011	1,842,840	143,873	—	(91,817)	52,056
12,430	976,639	44,416	433,543	1,467,028	130,450	1,842	(51,811)	80,481
8,336	654,989	29,788	609,136	1,302,249	87,487	—	(121,583)	(34,096)
2,688	211,188	9,604	24,140	247,620	28,209	135	(13,754)	14,590
3,560	279,703	12,720	543,288	839,271	37,360	8,498	(62,813)	(16,955)
8,328	654,339	29,758	54,188	746,613	87,400	—	20,316	107,716
17,021	1,337,368	60,821	280,055	1,695,265	178,633	—	(39,390)	139,243
270	21,205	964	93,439	115,878	2,832	—	(19,310)	(16,478)
—	—	—	198,493	198,493	—	—	(59,095)	(59,095)
19,545	1,535,703	69,841	646,083	2,271,172	205,124	798	(91,578)	114,344
14,000	1,100,011	50,027	250,967	1,415,005	146,929	—	(119,968)	26,961
25,172	1,977,826	89,948	537,288	2,630,234	264,179	—	31,727	295,906
80,208	6,302,095	286,609	137,849	6,806,761	841,773	—	527,377	1,369,150
72,285	5,679,621	258,300	830,744	6,840,950	758,629	—	(141,761)	616,868
1,709	134,277	6,107	93,358	235,451	17,935	—	(17,015)	920
2,435	191,321	8,701	353,072	555,529	25,555	—	(82,924)	(57,369)
3,332	261,790	11,906	21,662	298,690	34,967	—	29,438	64,405
2,650	208,205	9,469	13,208	233,532	27,810	—	18,075	45,885
18,166	1,427,325	64,912	64,050	1,574,453	190,648	—	176,456	367,104
22,878	1,797,583	81,751	593,429	2,495,641	240,104	—	(89,064)	151,040
892	70,077	3,187	93,026	167,182	9,360	—	(5,370)	3,990
8,309	652,841	29,690	26,162	717,002	87,200	—	49,046	136,246
13,546	1,064,307	48,403	159,812	1,286,068	142,160	582	79,277	222,019
32,754	2,573,565	117,041	387,404	3,110,764	343,752	19,524	126,820	490,096
12,268	963,940	43,838	508,852	1,528,898	128,754	—	1,357	130,111
17,967	1,411,720	64,203	130,130	1,624,020	188,564	—	53,200	241,764
8,792	690,789	31,416	82,284	813,281	92,269	—	(16,997)	75,272
16,500	1,296,443	58,960	240,543	1,612,446	173,166	—	(34,996)	138,170
9,082	713,589	32,453	10,906	766,300	95,314	2,692	59,727	157,733
74,427	5,847,885	265,952	837,463	7,025,727	781,104	11,328	(183,402)	609,030
2,871	225,617	10,261	229,524	468,273	30,136	—	(81,208)	(51,072)
6,113	480,289	21,843	369,702	877,947	64,152	—	(17,222)	46,930
—	—	—	788,333	788,333	—	—	(176,501)	(176,501)
174,112	13,680,340	622,159	7,977,073	22,453,684	1,827,288	—	(1,114,091)	713,197
266,559	20,944,061	952,501	17,306,082	39,469,203	2,797,506	11,284	(6,611,589)	(3,802,799)
38,825	3,050,594	138,736	971,661	4,199,816	407,469	—	(193,589)	213,880
10,785	847,435	38,540	725,317	1,622,077	113,192	—	(175,067)	(61,875)
7,874	618,680	28,137	433,985	1,088,676	82,637	—	(106,989)	(24,352)
731,003	57,436,450	2,612,115	714,695	61,494,263	7,671,808	41,243	4,359,883	12,072,934
384,127	30,181,685	1,372,613	4,297,636	36,236,061	4,031,379	—	(502,261)	3,529,118
15,879	1,247,668	56,742	49,681	1,369,970	166,651	—	294,956	461,607



STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Camden Co Health Services Ctr	34630	Camden	\$ —	—	—	—	—	—
Camden Co Improvement Authority	34270	Camden	4,964,678	89,109	495,741	—	513,131	1,097,981
Camden Co Mun Util Authority	32010	Camden	21,656,050	388,698	2,162,436	—	2,008,404	4,559,538
Camden Co Pollution Control Fin	34760	Camden	3,076,018	55,210	307,152	—	475,024	837,386
Camden Co Soil Conservatn Dist	33000	Camden	361,868	6,495	36,134	—	32,140	74,769
Camden Comm Charter School	53700	Camden	—	—	—	—	587,157	587,157
Camden County College	31080	Camden	33,552,777	602,228	3,350,368	—	81,955	4,034,551
Camden County Technical Schools	10133	Camden	10,044,039	180,277	1,002,934	—	18,107	1,201,318
Camden'S Pride Charter School	47800	Camden	—	—	—	—	6,706	6,706
Camdens Promise Charter School	35650	Camden	4,097,380	73,543	409,138	—	2,262,929	2,745,610
Cherry Hill Fire Dist 13	35100	Camden	7,177,177	128,821	716,667	—	563,804	1,409,292
Cherry Hill Township	23010	Camden	29,062,426	521,633	2,901,990	—	2,011,027	5,434,650
Cherry Hill Twp Bd Of Ed	23013	Camden	41,299,570	741,273	4,123,914	—	1,797,065	6,662,252
Cheshurst Borough	50530	Camden	661,199	11,868	66,023	—	26,200	104,091
City Invincible Charter School	52800	Camden	—	—	—	—	126,810	126,810
Clementon Bd Of Ed	50593	Camden	1,013,972	18,199	101,249	—	8,917	128,365
Clementon Borough	50590	Camden	2,144,293	38,487	214,116	—	73,385	325,988
Clementon Housing Authority	31350	Camden	325,950	5,850	32,547	—	14,520	52,917
Collingswood Boro Housing Auth	32530	Camden	332,359	5,965	33,187	—	112,037	151,189
Collingswood Borough	20860	Camden	6,252,325	112,221	624,318	—	509,219	1,245,758
Collingswood Borough Bd Of Ed	20863	Camden	8,446,337	151,601	843,398	—	73,395	1,068,394
D.U.E. Season Charter School	44200	Camden	—	—	—	—	285,668	285,668
Delaware River Port Authority	44700	Camden	1,953,236	35,058	195,038	—	790,888	1,020,984
Eastern Camden Co Reg Sch Dist	57380	Camden	8,863,999	159,097	885,103	—	625,659	1,669,859
Eco Charter School	45500	Camden	919,425	16,502	91,808	—	315,027	423,337
Freedom Academy Charter School	45300	Camden	3,587,690	64,394	358,244	—	2,141,809	2,564,447
Gibbsboro Borough	51170	Camden	467,122	8,384	46,644	—	28,017	83,045
Gibbsboro Borough Bd Of Ed	51173	Camden	781,828	14,033	78,068	—	185,705	277,806
Gloucester City	21560	Camden	8,019,671	143,943	800,794	—	192,731	1,137,468
Gloucester City Bd Of Ed	21563	Camden	11,401,133	204,635	1,138,445	—	134,775	1,477,855
Gloucester Township	23020	Camden	22,414,260	402,307	2,238,146	—	2,801,608	5,442,061
Gloucester Twp Bd Of Ed	23023	Camden	23,412,004	420,215	2,337,775	—	529,646	3,287,636
Gloucester Twp Fire District 2	32350	Camden	—	—	—	—	632	632
Gloucester Twp Fire District 3	34120	Camden	30,435	546	3,039	—	560	4,145
Gloucester Twp Fire District 4	32470	Camden	116,498	2,091	11,633	—	48,052	61,776
Gloucester Twp Fire District 5	34810	Camden	270,489	4,855	27,009	—	70,543	102,407
Gloucester Twp Fire District 6	34820	Camden	161,919	2,906	16,168	—	3,547	22,621
Gloucester Twp Housing Auth	34180	Camden	—	—	—	—	7,016	7,016
Gloucester Twp M U A	30900	Camden	4,671,646	83,850	466,481	—	391,976	942,307
Haddon Heights Bd Of Ed	23003	Camden	3,632,945	65,207	362,763	—	232,012	659,982
Haddon Heights Borough	23000	Camden	2,448,292	43,944	244,471	—	83,556	381,971
Haddon Township	21220	Camden	5,410,331	97,108	540,241	—	821,837	1,459,186
Haddon Township Bd Of Ed	21223	Camden	8,093,434	145,267	808,159	—	224,145	1,177,571
Haddon Township Housing Auth	55510	Camden	457,767	8,216	45,710	—	23,977	77,903
Haddon Twp Fire District 1	30710	Camden	161,160	2,893	16,092	—	30,200	49,185
Haddonfield Bd Of Ed	20913	Camden	5,870,969	105,376	586,238	—	327,741	1,019,355
Haddonfield Borough	20910	Camden	7,184,087	128,945	717,357	—	355,690	1,201,992
Hi-Nella Borough	51490	Camden	428,647	7,694	42,802	—	21,083	71,579
Hope Community Charter School	53900	Camden	772,306	13,862	77,118	—	500,336	591,316
Institute For Excellence Ch Sch	48400	Camden	—	—	—	—	—	—
Knowledge A to Z Charter School	51900	Camden	—	—	—	—	111,573	111,573
Laurel Springs Borough	23180	Camden	646,917	11,611	64,597	—	83,356	159,564
Laurel Springs Borough Bd Of Ed	23183	Camden	218,029	3,913	21,771	—	14,722	40,406
Lawnside Borough	51730	Camden	1,887,253	33,874	188,449	—	462,337	684,660
Lawnside Borough Bd Of Ed	51733	Camden	985,204	17,683	98,376	—	51,792	167,851
Leap Academy Charter School	35300	Camden	9,834,495	176,516	982,010	—	3,797,714	4,956,240
Lindenwold Borough	51790	Camden	5,406,793	97,045	539,888	—	634,100	1,271,033
Lindenwold Borough Bd Of Ed	51793	Camden	8,030,415	144,135	801,866	—	310,682	1,256,683
Lindenwold Twp Fire District 1	46700	Camden	179,776	3,227	17,951	—	6,569	27,747
Magnolia Borough	51940	Camden	1,529,905	27,460	152,767	—	192,683	372,910
Magnolia Borough Bd Of Ed	51943	Camden	1,509,639	27,096	150,743	—	282,858	460,697
Merchantville Boro Bd Of Ed	20663	Camden	888,545	15,948	88,724	—	231,153	335,825
Merchantville Borough	20660	Camden	916,164	16,444	91,482	—	151,490	259,416
Mount Ephraim Bd Of Ed	52293	Camden	1,345,423	24,149	134,345	—	27,286	185,780
Mount Ephraim Borough	52290	Camden	1,495,024	26,834	149,284	—	120,378	296,496
Oaklyn Borough	52470	Camden	2,625,438	47,123	262,160	—	374,162	683,445
Oaklyn Borough Bd Of Ed	52473	Camden	235,145	4,221	23,480	—	31,636	59,337
Pennsauken Sewerage Authority	30310	Camden	3,862,569	69,328	385,692	—	175,900	630,920
Pennsauken Township	52630	Camden	18,714,740	335,905	1,868,736	—	462,250	2,666,891
Pennsauken Twp Bd Of Ed	52633	Camden	22,992,712	412,689	2,295,907	—	163,938	2,872,534
Pine Hill Boro Mun Util Auth	55980	Camden	1,344,905	24,139	134,294	—	61,440	219,873
Pine Hill Borough	23490	Camden	2,197,272	39,438	219,406	—	350,388	609,232
Pine Hill Borough Bd Of Ed	23493	Camden	6,547,191	117,514	653,761	—	—	771,275
Pine Hill Fire District 1	35230	Camden	187,908	3,373	18,763	—	46,157	68,293
Pine Valley Borough	52680	Camden	183,277	3,290	18,301	—	13,366	34,957
Runnemede Borough	23170	Camden	2,805,233	50,350	280,113	—	521,707	852,170
Runnemede Borough Bd Of Ed	23173	Camden	3,701,650	66,440	369,623	—	500,802	936,865
Somerdale Boro Bd Of Ed	22443	Camden	662,922	11,899	66,195	—	93,330	171,424
Somerdale Borough	22440	Camden	3,218,987	57,777	321,428	—	411,904	791,109
Sterling High School District	57260	Camden	4,308,296	77,328	430,199	—	41,112	548,639
Stratford Bd Of Ed	22793	Camden	2,909,671	52,225	290,541	—	58,511	401,277
Stratford Borough	22790	Camden	1,926,728	34,582	192,391	—	46,385	273,358
Tavistock Borough	53290	Camden	144,710	2,597	14,450	—	7,856	24,903
The Kingdom Ch Schl Leadership	50100	Camden	711,010	12,762	70,997	—	544,750	628,509
Voorhees Fire District	35170	Camden	2,060,842	36,989	205,783	—	256,635	499,307
Voorhees Township	53460	Camden	13,829,400	248,220	1,380,916	—	1,321,547	2,950,683
Voorhees Twp Bd Of Ed	53463	Camden	10,993,603	197,321	1,097,752	—	102,478	1,397,551
Waterford Township	53600	Camden	4,260,911	76,478	425,468	—	508,048	1,009,994

Deferred inflows of resources				Pension expense				
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
—	—	—	13,459,237	13,459,237	—	—	(12,811,639)	(12,811,639)
21,932	1,723,224	78,369	445,563	2,269,088	230,172	—	431,524	661,696
95,667	7,516,747	341,849	959,229	8,913,492	1,004,015	—	481,164	1,485,179
13,588	1,067,676	48,556	621,565	1,751,385	142,610	—	(19,004)	123,606
1,599	125,603	5,712	52,547	185,461	16,777	—	(59,525)	(42,748)
—	—	—	1,353,724	1,353,724	—	—	(40,888)	(40,888)
148,221	11,646,063	529,644	3,959,073	16,283,001	1,555,569	(107)	(1,981,981)	(426,519)
44,370	3,486,254	158,549	1,584,521	5,273,694	465,660	10,439	(574,056)	(97,957)
—	—	—	283,591	283,591	—	—	(92,181)	(92,181)
18,100	1,422,188	64,679	12,982	1,517,949	189,962	—	773,898	963,860
31,706	2,491,175	113,295	359,964	2,996,140	332,747	—	157,825	490,572
128,385	10,087,476	458,762	674,031	11,348,654	1,347,388	—	703,194	2,050,582
182,443	14,334,950	651,930	1,077,717	16,247,040	1,914,725	3,780	236,358	2,154,863
2,921	229,500	10,437	64,242	307,100	30,654	252	(1,354)	29,552
—	—	—	458,771	458,771	—	—	(26,521)	(26,521)
4,479	351,946	16,006	148,177	520,608	47,010	234	(76,378)	(29,134)
9,473	744,277	33,849	266,532	1,054,131	99,413	—	(59,683)	39,730
1,440	113,136	5,145	47,418	167,139	15,112	—	(33,258)	(18,146)
1,468	115,361	5,246	145,798	267,873	15,409	—	(16,512)	(1,103)
27,620	2,170,162	98,695	335,233	2,631,710	289,869	—	44,534	334,403
37,312	2,931,697	133,329	189,791	3,292,129	391,588	—	(9,756)	381,832
—	—	—	1,838,003	1,838,003	—	—	(603,491)	(603,491)
8,629	677,962	30,833	115,880	833,304	90,556	709	45,006	136,271
39,157	3,076,666	139,922	22,978	3,278,723	410,951	—	186,885	597,836
4,062	319,129	14,513	131,461	469,165	42,626	—	24,871	67,497
15,849	1,245,276	56,633	961,303	2,279,061	166,332	—	596,730	763,062
2,064	162,137	7,374	120,385	291,960	21,657	—	(15,845)	5,812
3,454	271,370	12,341	2,961	320,126	36,247	—	46,703	82,950
35,427	2,783,603	126,594	443,874	3,399,489	371,807	—	54,960	426,767
50,365	3,957,297	179,971	1,089,432	5,277,065	528,578	—	(164,236)	364,342
99,016	7,779,919	353,818	321,080	8,553,833	1,039,167	—	445,449	1,484,616
103,424	8,126,233	369,568	1,501,278	10,100,503	1,085,424	3,078	(522,422)	566,080
—	—	—	67,842	67,842	—	—	(42,099)	(42,099)
134	10,564	480	3,564	14,742	1,411	—	(2,473)	(1,062)
515	40,436	1,839	150,863	193,653	5,401	—	(53,765)	(48,364)
1,195	93,886	4,270	5,222	104,573	12,540	—	39,717	52,257
715	56,202	2,556	64,575	124,048	7,507	—	(34,083)	(28,576)
—	—	—	174,793	174,793	—	—	(96,259)	(96,259)
20,637	1,621,513	73,744	310,902	2,026,796	216,586	5,578	(30,388)	191,796
16,049	1,260,984	57,347	627,280	1,961,660	168,430	15,111	(214,481)	(30,940)
10,815	849,794	38,647	112,825	1,012,081	113,507	—	(692)	112,815
23,900	1,877,909	85,404	1,789,369	3,767,582	250,833	—	(213,402)	37,431
35,753	2,809,205	127,758	505,891	3,478,607	375,227	5,579	65,400	446,206
2,022	158,890	7,226	110,618	278,756	21,223	—	(14,808)	6,415
712	55,938	2,544	4,399	63,593	7,472	—	18,005	25,477
25,935	2,037,795	92,676	400,314	2,566,720	272,189	—	(131,503)	140,686
31,736	2,493,574	113,404	521,321	3,160,035	333,068	—	(230,296)	102,772
1,894	148,782	6,766	102,242	259,684	19,873	—	(44,556)	(24,683)
3,412	268,065	12,191	—	283,668	35,806	—	169,684	205,490
—	—	—	178,945	178,945	—	—	(285,711)	(285,711)
—	—	—	344,108	344,108	—	—	(14,331)	(14,331)
2,858	224,543	10,212	144,458	382,071	29,992	—	(42,903)	(12,911)
963	75,677	3,442	36,384	116,466	10,108	—	(17,554)	(7,446)
8,337	655,059	29,791	413,331	1,106,518	87,497	—	(34,699)	52,798
4,352	341,961	15,552	124,277	486,142	45,676	298	19,687	65,661
43,444	3,413,522	155,241	13,409	3,625,616	455,945	—	1,052,878	1,508,823
23,885	1,876,681	85,348	459,759	2,445,673	250,669	—	80,031	330,700
35,475	2,787,332	126,763	431,033	3,380,603	372,305	—	(32,137)	340,168
794	62,400	2,838	7,468	73,500	8,335	—	1,788	10,123
6,758	531,025	24,150	116,978	678,911	70,929	664	(25,936)	45,657
6,669	523,991	23,830	88,582	643,072	69,990	—	85,820	155,810
3,925	308,411	14,026	67,382	393,744	41,195	532	69,256	110,983
4,047	317,998	14,462	21,014	357,521	42,475	693	48,452	91,620
5,943	466,992	21,238	248,714	742,887	62,376	—	(94,747)	(32,371)
6,604	518,918	23,600	80,976	630,098	69,312	—	(12,123)	57,189
11,598	911,281	41,444	107,109	1,071,432	121,720	34,845	180,791	337,356
1,039	81,618	3,712	77,150	163,519	10,902	—	(107,546)	(96,644)
17,063	1,340,686	60,972	287,496	1,706,217	179,076	—	25,575	204,651
82,673	6,495,827	295,419	163,825	7,037,744	867,650	—	36,559	904,209
101,572	7,980,697	362,949	992,403	9,437,621	1,065,985	—	(427,997)	637,988
5,941	466,812	21,230	39,840	533,823	62,352	624	17,883	80,859
9,707	762,666	34,685	123,120	930,178	101,870	2,537	29,799	134,206
28,923	2,272,509	103,350	1,064,407	3,469,189	303,540	9,874	(358,814)	(45,400)
830	65,222	2,966	137,439	206,457	8,712	—	(30,881)	(22,169)
810	63,615	2,893	1,440	68,758	8,497	—	5,621	14,118
12,392	973,687	44,282	531,247	1,561,608	130,056	592	(41,028)	89,620
16,352	1,284,831	58,432	213,456	1,573,071	171,615	—	180,370	351,985
2,928	230,098	10,464	150,347	393,837	30,734	—	(44,170)	(13,436)
14,220	1,117,300	50,813	114,794	1,297,127	149,238	—	180,749	329,987
19,032	1,495,396	68,008	2,429,490	4,011,926	199,741	—	(880,550)	(680,809)
12,854	1,009,938	45,930	307,442	1,376,164	134,898	1,222	(73,983)	62,137
8,511	668,761	30,414	34,270	741,956	89,327	453	(12,853)	76,927
639	50,228	2,284	12,058	65,209	6,709	51	(3,903)	2,857
3,141	246,789	11,224	80,432	341,586	32,964	—	148,038	181,002
9,104	715,312	32,531	47,524	804,471	95,544	—	64,844	160,388
61,092	4,800,141	218,302	409,632	5,489,167	641,157	21,598	193,045	855,800
48,565	3,815,845	173,538	843,867	4,881,815	509,684	—	(115,446)	394,238
18,823	1,478,949	67,260	57,057	1,622,089	197,544	—	72,011	269,555

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Waterford Twp Bd Of Ed	53603	Camden	\$ 2,487,396	44,646	248,376	—	40,269	333,291
Winslow Township	23400	Camden	15,849,341	284,475	1,582,615	—	1,475,614	3,342,704
Winslow Township Bd Of Ed	23403	Camden	12,786,475	229,501	1,276,777	—	1,400,158	2,906,436
Winslow Twp Fire District 1	34720	Camden	600,514	10,778	59,964	—	42,522	113,264
Woodlynne Bd Of Ed	20333	Camden	1,443,490	25,909	144,138	—	539,384	709,431
Woodlynne Borough	20330	Camden	985,130	17,682	98,369	—	47,046	163,097
Avalon Borough	23500	Cape May	11,005,884	197,541	1,098,978	—	287,634	1,584,153
Avalon Borough Bd Of Ed	23503	Cape May	814,708	14,623	81,352	—	80,625	176,600
Cape May City	23060	Cape May	7,426,234	133,291	741,537	—	174,989	1,049,817
Cape May City Bd Of Ed	23063	Cape May	609,368	10,937	60,848	—	126,871	198,656
Cape May City Housing Authority	55480	Cape May	487,443	8,749	48,673	—	53,562	110,984
Cape May Co Bd Social Services	10121	Cape May	7,844,767	140,803	783,329	—	747,639	1,671,771
Cape May Co Bridge Comm	55130	Cape May	1,991,303	35,741	198,839	—	155,883	390,463
Cape May Co Special Services	40500	Cape May	6,161,038	110,583	615,202	—	7,116	732,901
Cape May Co Technical Sch Dist	10123	Cape May	5,052,835	90,692	504,544	—	413,008	1,008,244
Cape May County	10120	Cape May	87,482,515	1,570,197	8,735,450	—	2,572,100	12,877,747
Cape May County Mun Util Auth	32200	Cape May	27,250,955	489,119	2,721,108	—	1,645,861	4,856,088
Cape May Point Borough	50490	Cape May	568,597	10,206	56,776	—	250,981	317,963
Charter Tech	35480	Cape May	984,648	17,673	98,321	—	332,455	448,449
Dennis Township	50730	Cape May	2,032,056	36,473	202,908	—	44,645	284,026
Dennis Twp Bd Of Ed	50733	Cape May	3,194,794	57,342	319,012	—	121,402	497,756
Greater Wildwood Tour, Imp & Da	35150	Cape May	1,880,788	33,758	187,804	—	65,977	287,539
Lower Cape May Reg School Dist	40240	Cape May	8,841,493	158,693	882,856	—	52,348	1,093,897
Lower Township	51880	Cape May	11,498,977	206,392	1,148,215	—	210,064	1,564,671
Lower Township Bd Of Ed	23803	Cape May	8,232,661	147,766	822,061	—	—	969,827
Lower Twp Municipal Util Auth	31630	Cape May	3,286,414	58,987	328,161	—	886,909	1,274,057
Middle Township	23190	Cape May	8,075,151	144,938	806,333	—	911,913	1,863,184
Middle Township Bd Of Ed	23193	Cape May	8,455,432	151,764	844,306	—	14,936	1,011,006
Middle Township Fire Dist #1	44600	Cape May	367,147	6,590	36,661	—	50,963	94,214
North Wildwood Bd Of Ed	20603	Cape May	1,803,246	32,366	180,061	—	169,586	382,013
North Wildwood City	20600	Cape May	7,414,730	133,085	740,388	—	484,403	1,357,876
Ocean City	20820	Cape May	29,128,946	522,826	2,908,632	—	357,098	3,788,556
Ocean City Bd Of Ed	20823	Cape May	9,184,003	164,841	917,056	—	544,839	1,626,736
Ocean City Housing Authority	31000	Cape May	170,996	3,069	17,075	—	164,399	184,543
Sea Isle City	23080	Cape May	13,599,850	244,100	1,357,995	—	927,867	2,529,962
Sea Isle City Bd Of Ed	23083	Cape May	—	—	—	—	—	—
Stone Harbor Bd Of Ed	22873	Cape May	376,632	6,760	37,608	—	68,288	112,656
Stone Harbor Borough	22870	Cape May	6,612,026	118,677	660,235	—	130,077	908,989
Upper Township	53370	Cape May	8,921,572	160,131	890,852	—	379,938	1,430,921
Upper Township Bd Of Ed	53373	Cape May	5,281,255	94,792	527,353	—	465,253	1,087,398
West Cape May Boro Bd Of Ed	23413	Cape May	264,876	4,754	26,449	—	34,129	65,332
West Cape May Borough	23410	Cape May	1,121,782	20,135	112,014	—	70,469	202,618
West Wildwood Borough	53710	Cape May	641,248	11,510	64,031	—	146,791	222,332
Wildwood City	20210	Cape May	15,131,625	271,593	1,510,948	—	929,470	2,712,011
Wildwood City Bd Of Ed	20213	Cape May	4,854,831	87,138	484,773	—	350,283	922,194
Wildwood City Housing Authority	31600	Cape May	421,145	7,559	42,053	—	25,055	74,667
Wildwood Crest Bd Of Ed	20513	Cape May	1,845,685	33,128	184,298	—	506,198	723,624
Wildwood Crest Borough	20510	Cape May	7,239,122	129,933	722,853	—	1,111,087	1,963,873
Woodbine Borough	53780	Cape May	900,845	16,169	89,953	—	310,798	416,920
Woodbine Borough Bd Of Ed	53783	Cape May	178,980	3,212	17,872	—	95,110	116,194
Woodbine Municipal Util Auth	31560	Cape May	—	—	—	—	99,164	99,164
Bridgeton Bd Of Ed	20793	Cumberland	31,819,441	571,117	3,177,288	—	1,912,259	5,660,664
Bridgeton City	20790	Cumberland	12,882,375	231,222	1,286,352	—	484,250	2,001,824
Bridgeton City Housing Auth	31190	Cumberland	1,704,828	30,599	170,233	—	102,924	303,756
Bridgeton Public Charter School	55100	Cumberland	193,373	3,471	19,309	—	166,012	188,792
Commercial Township	50630	Cumberland	1,323,824	23,761	132,189	—	108,615	264,565
Commercial Twp Bd Of Ed	50633	Cumberland	2,589,131	46,472	258,534	—	760,065	1,065,071
Compass Academy Charter School	54000	Cumberland	561,261	10,074	56,044	—	381,985	448,103
Cumberland Co Improvement Auth	34190	Cumberland	7,392,112	132,679	738,130	—	2,093,483	2,964,292
Cumberland Co Bd Of Voc Ed	10143	Cumberland	2,957,019	53,075	295,269	—	16,127	364,471
Cumberland Co Bd Social Serv	10141	Cumberland	30,820,029	553,179	3,077,493	—	2,173,412	5,804,084
Cumberland Co Utilities Auth	32210	Cumberland	3,871,201	69,483	386,554	—	83,681	539,718
Cumberland County	10140	Cumberland	60,118,285	1,079,045	6,003,032	—	1,870,732	8,952,809
Cumberland County College	55600	Cumberland	13,771,586	247,182	1,375,143	—	61,559	1,683,884
Cumberland Regional School Dist	57590	Cumberland	4,312,075	77,396	430,576	—	274,342	782,314
Cumberland-Salem Conserv. Dist.	45000	Cumberland	159,900	2,870	15,967	—	204	19,041
Deerfield Township	50670	Cumberland	711,677	12,774	71,064	—	119,280	203,118
Deerfield Township Bd Of Ed	50673	Cumberland	730,497	13,111	72,943	—	67,948	154,002
Downe Township	50760	Cumberland	472,364	8,478	47,167	—	112,621	168,266
Downe Twp Bd Of Ed	50763	Cumberland	957,121	17,179	95,572	—	77,199	189,950
Fairfield Township (Cumberland)	50970	Cumberland	1,067,340	19,157	106,578	—	600,444	726,179
Fairfield Twp Bd Ed (Cumberland)	50973	Cumberland	2,361,303	42,382	235,785	—	923,344	1,201,511
Greenwich Township (Cumberland)	51230	Cumberland	31,861	572	3,181	—	517	4,270
Greenwich Twp Bd Ed (Cumberland)	51233	Cumberland	162,345	2,914	16,211	—	25,943	45,068
Hopewell Township (Cumberland)	51550	Cumberland	989,909	17,768	98,846	—	397	117,011
Hopewell Twp Bd Ed (Cumberland)	51553	Cumberland	1,035,367	18,583	103,385	—	115,382	237,550
Lawrence Township (Cumberland)	51740	Cumberland	575,099	10,322	57,426	—	7,524	75,272
Lawrence Twp Bd Ed (Cumberland)	51743	Cumberland	1,717,961	30,835	171,545	—	321,482	523,862
Maurice River Township	52060	Cumberland	1,399,180	25,113	139,713	—	76,980	241,806
Maurice River Township Bd Of Ed	52063	Cumberland	1,457,142	26,154	145,501	—	89,429	261,084
Millville Bd Of Ed	21143	Cumberland	29,824,266	535,307	2,978,063	—	127,326	3,640,696
Millville City	21140	Cumberland	14,613,840	262,299	1,459,246	—	580,696	2,302,241
Millville Housing Authority	31070	Cumberland	2,171,097	38,968	216,792	—	79,553	335,313
Millville Public Charter School	50200	Cumberland	385,134	6,913	38,457	—	122,219	167,589
Shiloh Borough	35220	Cumberland	35,955	645	3,590	—	42	4,277
Stow Creek Township	53230	Cumberland	108,533	1,948	10,837	—	227	13,012
Stow Creek Township Bd Of Ed	53233	Cumberland	326,283	5,856	32,581	—	20,252	58,689
Upper Deerfield Township	53380	Cumberland	2,653,242	47,622	264,936	—	166,056	478,614

Deferred inflows of resources					Pension expense			
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
10,988	863,367	39,265	454,757	1,368,377	115,320	2,959	(92,009)	26,270
70,015	5,501,256	250,188	236,590	6,058,049	734,805	18,736	380,941	1,134,482
56,485	4,438,145	201,839	747,462	5,443,931	592,805	—	250,979	843,784
2,653	208,436	9,479	95,669	316,237	27,841	—	(48,211)	(20,370)
6,377	501,031	22,786	110,054	640,248	66,923	260	130,050	197,233
4,352	341,935	15,551	202,528	564,366	45,672	—	(54,110)	(8,438)
48,619	3,820,108	173,732	92,583	4,135,042	510,253	—	89,069	599,322
3,599	282,783	12,860	14,348	313,590	37,771	—	31,326	69,097
32,806	2,577,622	117,226	884,906	3,612,560	344,294	7,947	(128,521)	223,720
2,692	211,510	9,619	32,947	256,768	28,251	—	(5,910)	22,341
2,153	169,190	7,694	—	179,037	22,599	—	52,165	74,764
34,655	2,722,894	123,833	1,449,745	4,331,127	363,698	—	(219,583)	144,115
8,797	691,175	31,433	612,840	1,344,245	92,320	—	(191,506)	(99,186)
27,217	2,138,477	97,254	983,212	3,246,160	285,637	—	(366,971)	(81,334)
22,321	1,753,823	79,761	220,291	2,076,196	234,259	12,565	42,969	289,793
386,459	30,364,904	1,380,946	450,025	32,582,334	4,055,852	—	219,506	4,275,358
120,383	9,458,720	430,167	1,396,151	11,405,421	1,263,405	40,268	143,879	1,447,552
2,512	197,358	8,976	130,752	339,598	26,361	—	(11,706)	14,655
4,350	341,768	15,543	65,234	426,895	45,650	—	24,791	70,441
8,977	705,320	32,077	760,644	1,507,018	94,210	352	(233,725)	(139,163)
14,113	1,108,903	50,431	339,577	1,513,024	148,117	—	(79,466)	68,651
8,308	652,816	29,689	143,007	833,820	87,197	—	823	88,020
39,058	3,068,854	139,566	565,407	3,812,885	409,908	—	(179,682)	230,226
50,797	3,991,259	181,516	713,557	4,937,129	533,114	—	(111,259)	421,855
36,388	2,857,531	129,956	1,159,821	4,183,676	381,681	—	(487,039)	(105,358)
14,518	1,140,704	51,877	221,129	1,428,228	152,364	—	101,788	254,152
35,672	2,802,859	127,469	472,548	3,438,548	374,379	2,529	74,034	450,942
37,352	2,934,854	133,472	1,117,702	4,223,380	392,010	—	(455,026)	(63,016)
1,622	127,436	5,796	33,677	168,531	17,022	—	(14,311)	2,711
7,966	625,901	28,465	245,971	908,303	83,602	—	19,081	102,683
32,755	2,573,629	117,044	257,658	2,981,086	343,761	—	33,795	377,556
128,679	10,110,565	459,812	1,517,627	12,216,683	1,350,472	2,476	58,848	1,411,796
40,571	3,187,738	144,973	194,794	3,568,076	425,787	—	(27,317)	398,470
755	59,352	2,699	506,043	568,849	7,928	—	(100,627)	(92,699)
60,078	4,720,465	214,679	340,624	5,335,846	630,514	—	122,299	752,813
—	—	—	20,933	20,933	—	—	(47,575)	(47,575)
1,664	130,728	5,945	29,073	167,410	17,461	—	9,567	27,028
29,209	2,295,013	104,373	486,213	2,894,808	306,546	—	(57,540)	249,006
39,412	3,096,649	140,830	505,944	3,782,835	413,621	2,157	(90,449)	325,329
23,330	1,833,107	83,367	92,530	2,032,334	244,849	—	122,017	366,866
1,170	91,838	4,181	6,656	103,945	12,280	—	13,355	25,635
4,956	389,367	17,708	9,469	421,500	52,008	—	38,177	90,185
2,833	222,575	10,122	76,540	311,070	29,729	—	74,296	104,025
66,845	5,252,139	238,859	51,165	5,609,008	701,530	—	242,566	944,096
21,446	1,685,096	76,635	71,471	1,854,648	225,079	12,478	102,750	340,307
1,860	146,178	6,648	110,014	264,700	19,525	—	(27,971)	(8,446)
8,153	640,631	29,135	77,590	755,509	85,569	—	105,269	190,838
31,979	2,512,676	114,272	107,322	2,766,249	335,619	—	201,614	537,233
3,980	312,680	14,220	51,199	382,079	41,765	—	64,104	105,869
791	62,123	2,825	371,846	437,585	8,298	—	(94,656)	(86,358)
—	—	—	285,295	285,295	—	—	(43,047)	(43,047)
140,564	11,044,427	502,282	641,000	12,328,273	1,475,208	—	1,068,440	2,543,648
56,909	4,471,431	203,353	509,832	5,241,525	597,251	12,574	93,648	703,473
7,531	591,740	26,911	133,616	759,798	79,039	—	8,930	87,969
854	67,119	3,052	12,517	83,542	8,965	—	42,760	51,725
5,848	459,495	20,897	259,662	745,902	61,375	—	(10,154)	51,221
11,438	898,679	40,870	77,291	1,028,278	120,037	—	178,044	298,081
2,479	194,812	8,860	48,895	255,046	26,021	—	122,287	148,308
32,655	2,565,779	116,687	28,236	2,743,357	342,712	—	629,435	972,147
13,063	1,026,372	46,678	415,390	1,501,503	137,093	—	(147,851)	(10,758)
136,149	10,697,534	486,506	226,924	11,547,113	1,428,874	—	754,465	2,183,339
17,101	1,343,682	61,108	548,691	1,970,582	179,476	—	(98,169)	81,307
265,576	20,866,866	948,991	3,454,681	25,536,114	2,787,195	—	(1,553,984)	1,233,211
60,837	4,780,074	217,390	2,279,750	7,338,051	638,476	11,017	(503,667)	145,826
19,049	1,496,707	68,068	382,228	1,966,052	199,916	—	16,058	215,974
706	55,501	2,524	4,385	63,116	7,413	—	(1,108)	6,305
3,144	247,021	11,234	123,531	384,930	32,995	—	(12,943)	20,052
3,227	253,553	11,531	161,220	429,531	33,867	—	(14,182)	19,685
2,087	163,956	7,456	50,843	224,342	21,900	—	36,243	58,143
4,228	332,214	15,109	132,630	484,181	44,374	—	(32,316)	12,058
4,715	370,470	16,848	214,388	606,421	49,484	—	98,842	148,326
10,431	819,601	37,274	128,639	995,945	109,474	—	158,504	267,978
141	11,059	503	17,617	29,320	1,477	8	(11,438)	(9,953)
717	56,349	2,563	82,872	142,501	7,527	—	(6,834)	693
4,373	343,594	15,626	175,564	539,157	45,894	—	(62,455)	(16,561)
4,574	359,373	16,344	7,455	387,746	48,002	217	49,749	97,968
2,541	199,615	9,078	156,504	367,738	26,663	—	(70,353)	(43,690)
7,589	596,299	27,119	128,370	759,377	79,648	—	86,370	166,018
6,181	485,651	22,087	102,662	616,581	64,869	—	17,553	82,422
6,437	505,769	23,002	66,324	601,532	67,556	—	(16,888)	50,668
131,750	10,351,908	470,788	2,069,707	13,024,153	1,382,708	7,267	(484,611)	905,364
64,557	5,072,418	230,685	1,219,690	6,587,350	677,525	20,416	(110,746)	587,195
9,591	753,581	34,272	620,074	1,417,518	100,656	—	(108,237)	(7,581)
1,701	133,679	6,079	108,128	249,587	17,856	—	68,356	86,212
159	12,480	568	5,733	18,940	1,667	—	(2,994)	(1,327)
479	37,671	1,713	18,841	58,704	5,032	—	(12,039)	(7,007)
1,441	113,252	5,151	25,466	145,310	15,127	—	(8,543)	6,584
11,721	920,932	41,882	301,721	1,276,256	123,009	—	12,334	135,343

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources			
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Total deferred outflows of resources
Upper Deerfield Twp Bd Of Ed	53383	Cumberland	\$ 4,933,706	88,554	492,649	—	855,846
Vineland City	20300	Cumberland	62,174,237	1,115,946	6,208,326	—	8,262,232
Vineland City Bd Of Ed	20303	Cumberland	50,703,639	910,064	5,062,945	—	5,973,009
Vineland Housing Authority	55780	Cumberland	2,575,775	46,232	257,201	101,762	405,195
Vineland Public Charter School	48600	Cumberland	1,003,302	18,008	100,183	457,183	575,374
100 Legacy Academy Charter Schl	51700	Essex	—	—	—	52,328	52,328
Adelaide Sanford Charter School	47300	Essex	—	—	—	9,717	9,717
Belleville Bd Of Ed	20223	Essex	12,262,929	220,104	1,224,498	371,578	1,816,180
Belleville Township	20220	Essex	17,843,348	320,265	1,781,724	549,959	2,651,948
Bloomfield Parking Authority	45800	Essex	—	—	—	173,627	173,627
Bloomfield Township	20230	Essex	26,981,541	484,283	2,694,206	3,471,710	6,650,199
Bloomfield Twp Bd Of Ed	20233	Essex	17,594,107	315,791	1,756,836	223,526	2,296,153
Burch Chtr Schl Of Excellence	47600	Essex	1,628,027	29,221	162,564	515,334	707,119
Caldwell Borough	21320	Essex	3,852,492	69,147	384,685	459,649	913,481
Caldwell West Caldwell Bd Of Ed	40530	Essex	9,712,606	174,329	969,839	52,689	1,196,857
Cedar Grove Township	22180	Essex	8,732,071	156,729	871,929	567,720	1,596,378
Cedar Grove Twp Bd Of Ed	22183	Essex	6,733,321	120,854	672,347	208,967	1,002,168
Discovery Charter School	37700	Essex	623,558	11,192	62,265	336,046	409,503
East Orange City	20170	Essex	75,260,451	1,350,827	7,515,032	3,761,236	12,627,095
East Orange Community Chart Sch	35620	Essex	2,996,031	53,775	299,165	74,057	426,997
East Orange Housing Authority	30640	Essex	2,286,521	41,404	228,318	421,726	691,084
East Orange Parking Authority	31610	Essex	282,177	5,065	28,176	103,816	137,057
East Orange School District	20173	Essex	62,435,390	1,120,634	6,234,403	559,171	7,914,208
Englewood On The Palisades Char	37800	Essex	794,683	14,264	79,352	106,295	199,911
Essex Co Educational Serv Comm	32820	Essex	11,740,753	210,731	1,172,357	735,753	2,118,841
Essex Co Improvement Authority	32320	Essex	3,023,335	54,265	301,891	536,896	893,052
Essex Co Vocational School	60013	Essex	9,706,568	174,220	969,236	113,761	1,257,217
Essex County	60010	Essex	382,868,601	6,871,989	38,230,833	10,121,889	55,224,711
Essex County College	31160	Essex	44,204,258	793,409	4,413,958	670,545	5,877,912
Essex Fells Bd Of Ed	21683	Essex	1,060,523	19,035	105,897	504,977	629,909
Essex Fells Borough	21680	Essex	1,831,477	32,873	182,880	150,210	365,963
Fairfield Township (Essex)	21210	Essex	7,434,125	133,433	742,325	109,874	985,632
Fairfield Twp Bd Of Ed (Essex)	21213	Essex	2,810,623	50,447	280,651	422,869	753,967
Glen Ridge Bd Of Ed	20443	Essex	5,890,698	105,730	588,208	197,623	891,561
Glen Ridge Borough	20440	Essex	4,942,060	88,704	493,483	464,566	1,046,753
Gray Charter School	36800	Essex	2,489,712	44,687	248,607	940,332	1,233,626
Great Oaks Charter School	49700	Essex	13,682,893	245,590	1,366,287	9,982,790	11,594,667
Hudson-Essex Passaic	34090	Essex	969,606	17,403	96,819	173,638	287,860
Irvington Bd Of Ed	20253	Essex	30,218,885	542,389	3,017,467	704,220	4,264,076
Irvington Housing Auth	30360	Essex	1,702,067	30,550	169,958	25,294	252,802
Irvington Township	20250	Essex	28,019,594	502,915	2,977,859	4,136,200	7,436,974
Lady Liberty Academy Charter Sc	41200	Essex	3,178,345	57,047	317,369	1,057,896	1,432,312
Link Community Charter School	54500	Essex	2,897,668	52,009	289,343	1,852,737	2,194,089
Livingston Bd Of Ed	21433	Essex	26,013,843	466,914	2,597,578	1,933,516	4,998,008
Livingston Township	21430	Essex	28,186,978	505,919	2,814,573	1,038,991	4,359,483
Maplewood Township	20760	Essex	15,879,202	285,011	1,595,597	599,321	2,469,929
María L. Varisco-Rogers Charter	30360	Essex	4,000,722	71,808	399,487	814,524	1,285,819
Marion P. Thomas Charter Sch	38200	Essex	12,712,990	228,182	1,269,439	6,135,031	7,632,652
Merit Prep Charter School	52700	Essex	—	—	—	2,557,637	2,557,637
Milburn Township	21090	Essex	21,134,708	379,340	2,110,378	686,916	3,176,634
Milburn Twp Public Schools	21093	Essex	20,435,239	366,786	2,040,534	713,940	3,121,260
Montclair Bd Of Ed	20263	Essex	29,694,653	532,980	2,965,120	108,271	3,606,371
Montclair Parking Authority	43900	Essex	947,266	17,002	94,588	118,972	230,562
Montclair Public Library	20264	Essex	3,786,176	67,957	378,064	713,008	1,159,029
Montclair Township	20260	Essex	29,822,358	535,272	2,977,872	3,127,174	6,640,318
New Horizon Comm Charter School	38100	Essex	2,032,408	36,479	202,943	800,890	1,040,312
Newark Charter School	38600	Essex	—	—	—	294,112	294,112
Newark City	52360	Essex	199,646,325	3,583,390	19,935,419	12,784,651	36,303,460
Newark Educators' Comm Chtr Sch	48100	Essex	2,550,526	45,779	254,679	929,519	1,229,977
Newark Housing Authority	30070	Essex	47,156,516	846,398	4,708,751	99,152	5,654,301
Newark Legacy Charter School	49400	Essex	—	—	—	1,497,096	1,497,096
Newark Parking Authority	56320	Essex	4,921,851	88,341	491,465	744,035	1,323,841
Newark Prep Charter School	52300	Essex	—	—	—	528,835	528,835
Newark Public Schools	52363	Essex	243,033,374	4,362,131	24,267,775	10,399,823	39,029,729
North Caldwell Bd Of Ed	52413	Essex	3,868,867	69,441	386,321	781,817	1,237,579
North Caldwell Borough	52410	Essex	2,870,474	51,521	286,627	268,648	606,796
North Star Academy Charter Sch	35340	Essex	30,026,383	538,934	2,998,245	10,823,451	14,360,630
Nutley Bd Of Ed	20403	Essex	16,834,508	302,157	1,680,987	549,606	2,532,750
Nutley Township	20400	Essex	21,165,533	379,894	2,113,456	40,141	2,533,491
Orange City	20350	Essex	15,306,882	274,738	1,528,448	661,844	2,465,030
Orange City Bd Of Ed	20353	Essex	16,980,626	304,780	1,695,578	1,244,517	3,244,875
Orange City Housing Authority	30200	Essex	2,618,899	47,006	261,507	432,651	741,164
Orange City Library	20354	Essex	787,830	14,141	78,668	356,917	449,726
Paulo Freire Charter School	53000	Essex	—	—	—	936,955	936,955
Peoples Preparatory Charter Sch	49800	Essex	5,369,652	96,378	536,179	2,544,928	3,177,485
Philip's Academy Charter School	53300	Essex	379,577	6,813	37,902	335,794	380,509
Philip's Academy Charter School of Paterson	56700	Essex	2,265,144	40,656	226,183	1,172,582	1,439,421
Pride Academy Charter School	47700	Essex	862,574	15,482	86,131	193,076	294,689
Robert Treat Academy Charter Sc	35350	Essex	3,930,867	70,554	392,512	1,054,600	1,517,126
Roseland Bd Of Ed	52923	Essex	1,918,725	34,439	191,592	278,827	504,858
Roseland Borough	52920	Essex	4,223,733	75,810	421,755	40,953	538,518
Roseville Community Charter Sch	50000	Essex	1,279,589	22,967	127,772	493,706	644,445
South Orange Twp Parking Auth	32990	Essex	515,359	9,250	51,460	659	61,369
South Orange Village	20570	Essex	11,179,788	200,663	1,116,343	494,861	1,811,867
South Orange-Maplewood Bd Of Ed	40010	Essex	15,454,611	277,390	1,543,200	750,060	2,570,650
Team Academy Charter School	41600	Essex	14,051,726	252,210	1,403,116	5,851,324	7,506,650
University Heights Charter Schl	46800	Essex	5,253,358	94,291	524,567	1,816,566	2,435,424
Verona Bd Of Ed	22033	Essex	6,866,639	123,247	685,659	201,791	1,010,697

Deferred inflows of resources					Pension expense			
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
21,795	1,712,474	77,880	60,808	1,872,957	228,736	—	102,887	331,623
274,658	21,580,481	981,445	410,780	23,247,364	2,882,513	25,436	207,765	3,115,714
223,986	17,599,072	800,377	3,846,505	22,469,940	2,350,715	—	(1,911,128)	439,587
11,379	894,043	40,660	445,929	1,392,011	119,418	—	(123,904)	(4,486)
4,432	348,243	15,838	350,968	719,481	46,515	—	117,420	163,935
—	—	—	94,370	94,370	—	—	(9,173)	(9,173)
—	—	—	255,080	255,080	—	—	(332,196)	(332,196)
54,172	4,256,424	193,575	1,679,944	6,184,115	568,532	78,643	(357,014)	290,161
78,824	6,193,370	281,664	799,334	7,353,192	827,251	51,003	146,088	1,024,342
—	—	—	813,619	813,619	—	—	(128,115)	(128,115)
119,193	9,365,207	425,914	—	9,910,314	1,250,914	—	1,178,527	2,429,441
77,723	6,106,859	277,730	831,403	7,293,715	815,695	2,851	(430,342)	388,204
7,192	565,083	25,699	83,353	681,327	75,478	—	180,672	256,150
17,019	1,337,188	60,813	390,330	1,805,350	178,609	3,555	(15,910)	166,254
42,906	3,371,215	153,317	789,795	4,357,233	450,294	657	(281,520)	169,431
38,574	3,030,874	137,839	44,704	3,251,991	404,835	1,508	195,202	601,545
29,745	2,337,115	106,288	62,970	2,536,118	312,169	951	127,860	440,980
2,755	216,435	9,843	18	229,051	28,909	—	112,897	141,806
332,467	26,122,664	1,188,015	72,131	27,715,277	3,489,214	—	1,354,909	4,844,123
13,235	1,039,913	47,294	602,243	1,702,685	138,902	—	(184,251)	(45,349)
10,101	793,644	36,094	353,027	1,192,866	106,007	9,562	64,141	179,710
1,247	97,943	4,454	30	103,674	13,082	—	27,895	40,977
275,812	21,671,126	985,567	2,210,161	25,142,666	2,894,620	10,464	41,479	2,946,563
3,511	275,832	12,544	118,761	410,648	36,843	—	15,608	52,451
51,865	4,075,178	185,332	199,375	4,511,750	544,323	5,950	76,661	626,934
13,356	1,049,390	47,725	12,094	1,122,565	140,167	—	188,747	328,914
42,879	3,369,119	153,222	655,938	4,221,158	450,014	—	(88,941)	361,073
1,691,335	132,892,502	6,043,735	1,194,227	141,821,799	17,750,493	51,832	3,572,151	21,374,476
195,275	15,343,158	697,781	7,601,849	23,838,063	2,049,391	—	(1,481,238)	568,153
4,685	368,104	16,741	179,810	569,340	49,168	—	96,742	145,910
8,091	635,700	28,911	231,331	904,033	84,911	961	(13,609)	72,263
32,841	2,580,361	117,351	148,040	2,878,593	344,660	—	46,577	391,237
12,416	975,558	44,367	151,838	1,184,179	130,306	—	65,347	195,653
26,023	2,044,843	92,987	326,506	2,490,159	273,104	—	(69,543)	203,561
21,832	1,715,374	78,012	729,128	2,544,346	229,123	3,018	38,266	270,407
10,998	864,171	39,301	410,026	1,324,496	115,428	—	203,538	318,966
60,445	4,749,289	215,990	—	5,025,724	634,364	—	2,844,943	3,479,307
4,283	336,547	15,306	30,674	386,810	44,953	—	74,945	119,898
133,494	10,488,879	477,017	939,331	12,038,721	1,401,004	36,867	(152,881)	1,284,990
7,519	590,782	26,868	2,081,501	2,706,670	78,911	—	(738,048)	(659,137)
123,778	9,725,512	442,300	688,197	10,979,787	1,299,040	—	770,068	2,069,108
14,041	1,103,193	50,171	527,977	1,695,382	147,354	—	277,416	424,770
12,801	1,005,771	45,741	—	1,064,313	134,341	—	647,761	782,102
114,918	9,029,322	410,639	98,508	9,653,387	1,206,050	—	522,004	1,728,054
124,518	9,783,611	444,942	739,737	11,092,808	1,306,801	—	(148,788)	1,158,013
70,147	5,511,621	250,659	941,778	6,774,205	736,189	4,946	(16,081)	723,054
17,673	1,388,638	63,153	243,442	1,712,906	185,481	—	276,196	461,677
56,160	4,412,639	200,679	43,492	4,712,970	589,398	—	2,055,338	2,644,736
—	—	—	3,847,654	3,847,654	—	—	(88,367)	(88,367)
93,364	7,335,790	333,620	818,477	8,581,251	979,844	49,095	92,112	1,121,051
90,274	7,093,007	322,578	419,969	7,925,828	947,416	9,596	317,783	1,274,795
131,178	10,306,820	468,742	2,170,268	13,077,108	1,376,699	54,809	(724,963)	706,545
4,185	328,793	14,953	31,762	379,693	43,917	1,887	(18,376)	27,428
16,726	1,314,170	59,766	441,801	1,832,463	175,534	—	108,944	284,478
131,742	10,351,246	470,758	333,807	11,287,553	1,382,620	70,648	783,539	2,236,807
8,978	705,442	32,082	85,078	831,580	94,226	4,016	167,724	265,966
—	—	—	861,232	861,232	—	—	(154,294)	(154,294)
881,949	69,296,607	3,151,495	7,135,164	80,465,215	9,255,974	87,584	(1,511,079)	7,832,479
11,267	885,280	40,261	130,258	1,067,066	118,247	—	104,451	222,698
208,317	16,367,878	744,384	4,259,560	21,580,139	2,186,264	182,847	(1,606,915)	762,196
—	—	—	3,741,826	3,741,826	—	—	(211,197)	(211,197)
21,743	1,708,359	77,693	78,554	1,886,349	228,186	—	340,025	568,211
—	—	—	2,265,778	2,265,778	—	—	(108,842)	(108,842)
1,073,614	84,356,115	3,836,376	6,255,408	95,521,513	11,267,478	—	(4,193,500)	7,073,978
17,091	1,342,872	61,072	34,285	1,455,320	179,368	2,977	231,818	414,163
12,680	996,333	45,312	619,747	1,674,072	133,081	—	(61,421)	71,660
132,643	10,422,062	473,978	—	11,028,683	1,392,079	50,893	4,458,535	5,901,567
74,367	5,843,204	265,739	1,037,730	7,221,040	780,479	—	(68,753)	711,726
93,500	7,346,489	334,106	1,116,725	8,890,820	981,273	—	(328,753)	652,520
67,619	5,312,970	241,625	126,848	5,749,062	709,655	183,432	273,238	1,166,325
75,013	5,893,921	268,046	886,612	7,123,592	787,253	—	442,230	1,229,483
11,569	909,011	41,340	41,933	1,003,853	121,417	—	90,956	212,373
3,480	273,453	12,436	88,340	377,709	36,525	—	41,491	78,016
—	—	—	2,277,709	2,277,709	—	—	(72,235)	(72,235)
23,721	1,863,789	84,762	83,054	2,055,326	248,947	—	1,047,641	1,296,588
1,677	131,750	5,992	37,064	176,483	17,598	—	83,702	101,300
10,006	786,224	35,756	590,186	1,422,172	105,016	8,110	436,424	549,550
3,810	299,397	13,616	35,790	352,613	39,991	—	63,334	103,325
17,385	1,364,392	62,050	1,613	1,445,420	182,242	100	384,241	566,583
8,476	665,983	30,288	253,516	958,263	88,956	—	27,418	116,374
18,659	1,466,044	66,673	408,091	1,959,467	195,820	954	(158,847)	37,927
5,653	444,141	20,199	364,385	834,378	59,324	—	147,506	206,830
2,277	178,879	8,135	25,811	215,102	23,893	25,522	(8,263)	41,152
49,387	3,880,469	176,477	363,206	4,469,539	518,316	18,472	253,290	790,078
68,272	5,364,247	243,957	777,464	6,453,940	716,504	—	23,060	739,564
62,074	4,877,310	221,812	3,439,773	8,600,969	651,464	—	486,418	1,137,882
23,207	1,823,424	82,926	77,104	2,006,661	243,555	—	916,858	1,160,413
30,334	2,383,389	108,393	445,430	2,967,546	318,350	3,237	(24,191)	297,396

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Verona Township	22030	Essex	\$ 10,736,952	192,714	1,072,124	—	598,641	1,863,479
Visions Academy Charter Hs	50300	Essex	—	—	—	—	80,165	80,165
West Caldwell Township	21520	Essex	8,395,266	150,684	838,298	—	569,315	1,558,297
West Essex Regional Sch Dist	40520	Essex	8,265,838	148,361	825,374	—	717,759	1,691,494
West Orange Public Library	20284	Essex	2,208,942	39,648	220,571	—	298,102	558,321
West Orange Township	20280	Essex	20,464,210	367,306	2,043,427	—	485,773	2,896,506
West Orange Township Bd Of Ed	20283	Essex	39,752,845	713,512	3,969,468	—	1,975,563	6,658,543
Clayton Borough	50580	Gloucester	2,604,172	46,741	260,036	—	81,946	388,723
Clayton Borough Bd Of Ed	50583	Gloucester	4,181,721	75,056	417,560	—	168,692	661,308
Clearview Regional Bd Of Ed	40250	Gloucester	8,055,034	144,577	804,325	—	67,483	1,016,385
Delsea Reg High Sch District	57390	Gloucester	9,367,169	168,128	935,346	—	388,740	1,492,214
Deptford Township	50740	Gloucester	10,805,120	193,938	1,078,931	—	1,856,881	3,129,750
Deptford Twp Bd Of Ed	50743	Gloucester	24,503,092	439,798	2,446,724	—	1,208,203	4,094,725
Deptford Twp Fire District	34110	Gloucester	738,444	13,254	73,736	—	27,263	114,253
Deptford Twp Mua	55560	Gloucester	3,218,375	57,766	321,367	—	84,354	463,487
East Greenwich Bd Of Education	50823	Gloucester	3,559,774	63,893	355,457	—	397,673	817,023
East Greenwich Township	50820	Gloucester	3,077,111	55,230	307,261	—	342,796	705,287
Ed Information & Resource Ctr	32680	Gloucester	—	—	—	—	981,247	981,247
Elk Township	50890	Gloucester	926,575	16,631	92,522	—	34,272	143,425
Elk Twp Bd Of Ed	50893	Gloucester	1,026,198	18,419	102,470	—	154,684	275,573
Franklin Township (Gloucester)	51080	Gloucester	4,913,052	88,183	490,586	—	1,271,006	1,849,775
Franklin Twp Bd Of Ed (Glocstr)	51083	Gloucester	6,050,894	108,606	604,204	—	509,994	1,222,804
Gateway Regional High School	57280	Gloucester	5,921,411	106,282	591,275	—	289,665	987,222
Glassboro Bd Of Ed	21593	Gloucester	9,745,524	174,919	973,126	—	55,729	1,203,774
Glassboro Borough	21590	Gloucester	16,161,305	290,074	1,613,766	—	1,055,289	2,959,129
Glassboro Borough Housing Auth	31010	Gloucester	283,771	5,093	28,336	—	48,370	81,799
Gloucester Co Bd Of Social Serv	10161	Gloucester	24,340,117	436,873	2,430,450	—	1,474,774	4,342,097
Gloucester Co Housing Authority	32450	Gloucester	6,194,900	111,190	618,584	—	426,208	1,155,982
Gloucester Co Improvement Auth	34310	Gloucester	19,621,698	352,184	1,959,299	—	761,564	3,073,047
Gloucester Co Soil Conserv Dist	34200	Gloucester	339,750	6,098	33,925	—	207,660	247,683
Gloucester Co Sp Serv Sch Dist	32810	Gloucester	26,709,811	479,406	2,667,073	—	282,642	3,429,121
Gloucester Co Util Authority	31390	Gloucester	9,910,333	177,878	989,583	—	641,946	1,809,407
Gloucester Co Vo-Tech Sch Dist	10163	Gloucester	6,673,266	119,776	666,350	—	83,418	869,544
Gloucester County	10160	Gloucester	133,602,590	2,397,992	13,340,709	—	3,577,778	19,316,479
Gloucester County College	31150	Gloucester	20,419,716	366,507	2,038,984	—	1,312,818	3,718,390
Greenwich Township (Gloucester)	22200	Gloucester	3,924,088	70,432	391,835	—	216,679	679,036
Greenwich Twp Bd Ed (Gloucester)	22203	Gloucester	2,738,805	49,158	273,480	—	152,815	475,453
Harrison Township (Gloucester)	51400	Gloucester	4,398,730	78,951	439,229	—	626,548	1,144,728
Harrison Township Fire Dist #1	46000	Gloucester	323,912	5,814	32,344	—	237,198	275,356
Harrison Twp Bd Ed (Gloucester)	51403	Gloucester	4,715,177	84,631	470,828	—	63,302	118,761
Kingsway Regional School Dist	57440	Gloucester	10,541,856	189,213	1,052,643	—	465,967	1,707,823
Logan Township	51850	Gloucester	3,862,514	69,327	385,686	—	248,396	703,409
Logan Township Bd Of Ed	51853	Gloucester	3,060,698	54,936	305,622	—	477,976	838,534
Logan Twp Mun Util Authority	32070	Gloucester	1,272,772	22,845	127,091	—	339,638	489,574
Mantua Township	23650	Gloucester	4,986,555	89,502	497,926	—	411,727	999,155
Mantua Township Bd Of Ed	23653	Gloucester	4,697,450	84,313	469,058	—	69,469	622,840
Mantua Twp Mun Util Authority	32960	Gloucester	1,643,680	29,502	164,127	—	178,390	372,019
Monroe Township (Gloucester)	52200	Gloucester	14,071,529	252,566	1,405,094	—	552,892	2,210,552
Monroe Twp Bd Of Ed (Gloucester)	52203	Gloucester	11,927,124	214,076	1,190,967	—	67,106	1,472,149
Monroe Twp Mun Ut Auth (Gloucs)	55920	Gloucester	5,298,112	95,094	529,036	—	203,300	827,430
National Park Board Of Educ	26703	Gloucester	802,723	14,408	80,155	—	14,162	108,725
National Park Borough	52340	Gloucester	1,079,121	19,369	107,754	—	257,957	385,080
Newfield Borough	21820	Gloucester	661,718	11,877	66,075	—	53,355	131,307
Newfield Borough Bd Of Ed	21823	Gloucester	—	—	—	—	76,176	76,176
Paulsboro Boro Bd Of Ed	23293	Gloucester	4,715,548	84,638	470,865	—	291,397	846,900
Paulsboro Borough	23290	Gloucester	2,952,721	52,997	294,840	—	145,784	493,621
Pitman Bd Of Ed	22883	Gloucester	5,554,745	99,700	554,662	—	63,427	717,789
Pitman Borough	22880	Gloucester	4,577,747	82,165	457,105	—	426,023	965,293
South Harrison Township	53130	Gloucester	620,335	11,134	61,943	—	51,982	125,059
South Harrison Twp Bd Of Ed	53133	Gloucester	307,870	5,526	30,742	—	5,664	41,932
Swedesboro Borough	22270	Gloucester	1,182,967	21,233	118,124	—	10,361	149,718
Swedesboro Woolwich Bd Of Ed	57520	Gloucester	4,412,068	79,191	440,561	—	214,776	734,528
Washington Twp (Gloucester)	22800	Gloucester	13,092,771	234,998	1,307,361	—	1,089,272	2,631,631
Washington Twp Bd Of Ed (Glouc)	22803	Gloucester	35,895,704	644,281	3,584,318	—	465,718	4,694,317
Washington Twp Bd Of Fire Comm	34460	Gloucester	435,631	7,819	43,499	—	16,978	68,296
Washington Twp Mua (Gloucester)	55760	Gloucester	3,961,080	71,096	395,528	—	534,225	1,000,849
Wenonah Borough	23390	Gloucester	953,750	17,119	95,235	—	161,430	273,784
Wenonah Borough Bd Of Ed	23393	Gloucester	503,503	9,037	50,277	—	12,843	72,157
West Deptford Township	23660	Gloucester	11,331,890	203,393	1,131,531	—	610,760	1,945,684
West Deptford Twp Bd Of Ed	23663	Gloucester	10,492,674	188,330	1,047,732	—	165,323	1,401,385
Westville Board Of Ed	22893	Gloucester	795,888	14,285	79,472	—	10,797	104,554
Westville Borough	22890	Gloucester	2,763,665	49,604	275,962	—	88,727	414,293
Westville Fire District # 1	35130	Gloucester	279,491	5,017	27,908	—	9,836	42,761
Woodbury City	21730	Gloucester	5,257,822	94,371	525,013	—	35,559	654,943
Woodbury City Bd Of Ed	21733	Gloucester	6,049,356	108,578	604,050	—	19,219	731,847
Woodbury Heights Board Of Ed	53803	Gloucester	436,965	7,843	43,633	—	69,025	120,501
Woodbury Heights Borough	53800	Gloucester	1,675,096	30,066	167,265	—	85,522	282,853
Woolwich Township	53840	Gloucester	2,965,688	53,230	296,135	—	303,859	653,224
Bayonne Board Of Ed	21273	Hudson	44,306,066	795,236	4,424,123	—	5,371,683	10,591,042
Bayonne City	21270	Hudson	41,779,696	749,891	4,171,856	—	4,611,939	5,383,686
Bayonne Housing Authority	30290	Hudson	9,018,361	161,868	900,516	—	556,394	1,618,778
Bayonne Local Redevelop. Agency	41500	Hudson	—	—	—	—	—	—
Beloved Community Charter School	52400	Hudson	2,846,745	51,095	284,258	—	917,885	1,253,238
Dr Lena Edwards Acad Chtrr Schl	49900	Hudson	2,257,438	40,518	225,413	—	490,761	756,692
East Newark Borough	50840	Hudson	580,767	10,424	57,992	—	85,934	154,350
East Newark Borough Bd Of Ed	70013	Hudson	837,808	15,038	83,658	—	557,356	656,052
Elysian Charter Sch Of Hoboken	35330	Hudson	1,996,008	35,826	199,309	—	587,845	822,980
Empowerment Academy Charter School Inc	55800	Hudson	2,173,172	39,006	216,999	—	1,828,646	2,084,651

Deferred inflows of resources				Pension expense				
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employees	Net amortization of deferred amounts from changes in proportion	Total pension expense
47,431	3,726,762	169,487	2,135,736	6,079,416	497,785	2,384	(370,122)	130,047
—	—	—	833,632	833,632	—	—	(156,285)	(156,285)
37,087	2,913,970	132,523	646,824	3,730,404	389,220	5,176	(8,103)	386,293
36,515	2,869,046	130,479	70,087	3,106,127	383,220	—	127,931	511,151
9,758	766,717	34,869	255,211	1,066,555	102,411	—	(64,443)	37,968
90,402	7,103,063	323,036	876,993	8,993,494	948,759	4,215	(98,992)	853,982
175,611	13,798,087	627,514	2,749,245	17,350,457	1,843,016	—	104,848	1,947,864
11,504	903,900	41,108	374,272	1,330,784	120,734	—	(53,551)	67,183
18,473	1,451,462	66,010	338,348	1,874,293	193,872	—	(109,718)	84,154
35,584	2,795,877	127,152	1,407,069	4,365,682	373,446	3,413	(448,741)	(71,882)
41,380	3,251,315	147,864	1,482,775	4,923,334	434,279	—	(168,582)	265,697
47,732	3,750,423	170,563	563,975	4,532,693	500,945	—	451,480	952,425
108,244	8,504,946	386,791	2,171,738	11,171,719	1,136,009	71,945	230,607	1,438,561
3,262	256,312	11,657	7,129	278,360	34,236	1,524	16,687	52,447
14,217	1,117,088	50,803	354,463	1,536,571	149,210	—	(70,010)	79,200
15,726	1,235,586	56,192	348,449	1,655,953	165,038	12,548	138,226	315,812
13,593	1,068,055	48,573	112,649	1,242,870	142,661	1,063	(10,544)	133,180
—	—	—	7,711,271	7,711,271	—	—	(1,190,068)	(1,190,068)
4,093	321,611	14,626	108,083	448,413	42,958	—	(23,782)	19,176
4,533	356,190	16,199	101,988	478,910	47,576	—	23,196	70,772
21,704	1,705,305	77,554	117,898	1,922,461	227,778	—	167,605	395,383
26,730	2,100,246	95,516	133,293	2,355,785	280,531	—	227,126	507,657
26,158	2,055,303	93,472	242,272	2,417,205	274,528	399	62,987	337,914
43,051	3,382,640	153,837	1,084,664	4,664,192	451,821	189	(456,807)	(4,797)
71,394	5,609,538	255,112	706	5,936,750	749,268	11,142	437,288	1,197,698
1,254	98,496	4,479	41,706	145,935	13,156	—	(15,331)	(2,175)
107,524	8,448,378	384,218	327,276	9,267,396	1,128,453	—	630,916	1,759,369
27,366	2,150,230	97,789	129,127	2,404,512	287,207	—	119,259	406,466
86,680	6,810,629	309,736	1,870,791	9,077,836	909,698	3,655	(258,968)	654,385
1,501	117,926	5,363	470,036	594,826	15,751	—	(138,876)	(123,125)
117,992	9,270,891	421,625	1,682,379	11,492,887	1,238,316	—	(193,198)	1,045,118
43,779	3,439,845	156,438	83,815	3,723,877	459,461	—	304,070	763,531
29,480	2,316,270	105,340	354,167	2,805,257	309,385	—	(113,754)	195,631
590,197	46,373,036	2,108,969	3,276,606	52,348,808	6,194,064	47,370	54,166	6,295,600
90,205	7,087,619	322,333	473,943	7,974,100	946,696	—	382,131	1,328,827
17,335	1,382,038	61,943	233,693	1,675,009	181,928	—	(139,179)	42,749
12,099	950,631	43,233	173,843	1,179,806	126,876	—	(37,006)	89,870
19,432	1,526,785	69,436	242,400	1,858,053	203,833	1,810	146,072	351,815
1,431	112,429	5,113	106,511	225,484	15,017	—	(5,246)	9,771
20,830	1,636,623	74,431	415,113	2,146,997	218,604	—	(151,512)	67,092
46,569	3,659,045	166,407	1,019,072	4,891,093	488,740	—	197,734	686,474
17,063	1,340,666	60,971	94,442	1,513,142	179,073	—	126,018	305,091
13,521	1,062,359	48,314	161,040	1,285,234	141,900	(16,051)	144,286	270,135
5,623	441,775	20,091	303,901	771,390	59,008	—	8,224	67,232
22,028	1,730,818	78,715	427,406	2,258,967	231,186	623	27,703	259,512
20,751	1,630,470	74,151	797,932	2,523,304	217,782	—	(197,708)	20,074
7,261	570,516	25,946	26,668	630,391	76,204	—	25,246	101,450
62,162	4,884,183	222,125	856,440	6,024,910	652,382	—	16,415	668,797
52,689	4,139,867	188,274	894,170	5,275,000	552,964	4,762	(166,922)	390,804
23,405	1,838,958	83,633	741,206	2,687,202	245,630	—	(77,022)	168,608
3,546	278,623	12,671	60,425	365,265	37,216	—	(20,448)	16,768
4,767	374,559	17,034	243,192	639,552	50,030	—	4,034	54,064
2,923	229,680	10,445	20,855	263,903	30,678	358	40,174	71,210
—	—	—	551,490	551,490	—	—	(41,114)	(41,114)
20,831	1,636,752	74,437	240,246	1,972,266	218,622	—	(80,359)	138,263
13,044	1,024,880	46,610	327,266	1,411,800	136,894	14,394	(63,564)	87,724
24,538	1,928,034	87,684	578,731	2,618,987	257,528	—	(110,355)	147,173
20,222	1,588,922	72,262	12,993	1,694,399	212,233	—	99,300	311,533
2,740	215,316	9,792	32,890	260,738	28,760	—	2,850	31,610
1,360	106,861	4,860	201,939	315,020	14,273	—	(93,993)	(79,720)
5,226	410,604	18,674	115,758	550,262	54,845	579	(20,941)	34,483
19,491	1,531,415	69,646	42,114	1,662,666	204,552	—	132,038	336,590
57,838	4,544,459	206,674	232,447	5,041,418	607,005	17,636	498,903	1,123,544
158,571	12,459,285	566,628	1,214,727	14,399,211	1,664,191	—	(386,744)	1,277,447
1,924	151,206	6,877	28,185	188,192	20,197	—	(24,814)	(4,617)
17,498	1,374,878	62,527	261,837	1,716,740	183,643	—	103,387	287,030
4,213	331,044	15,055	32,023	382,335	44,218	—	(6,156)	38,062
2,224	174,764	7,948	147,175	332,111	23,343	—	(27,956)	(4,613)
50,059	3,933,263	178,878	2,036,374	6,198,574	525,367	28,871	(711,132)	(156,894)
46,352	3,641,974	165,631	553,247	4,407,204	486,460	—	(82,782)	403,678
3,516	276,250	12,563	218,697	511,026	36,899	—	(61,290)	(24,391)
12,209	959,259	43,626	878,308	1,893,402	128,129	—	(234,667)	(106,538)
1,235	97,011	4,412	1,839	104,497	12,958	—	2,922	15,880
23,227	1,824,973	82,997	1,266,551	3,197,748	243,762	—	(426,696)	(182,934)
26,723	2,099,712	95,491	490,506	2,712,432	280,459	—	(114,837)	165,622
1,930	151,669	6,898	84,312	244,809	20,258	—	(31,199)	(10,941)
7,400	581,421	26,442	131,973	747,236	77,661	—	(83,865)	(6,204)
13,101	1,029,381	46,815	328,182	1,417,479	137,495	13,291	19,298	170,084
195,725	15,378,495	699,388	443,883	16,717,491	2,054,111	38,331	1,781,972	3,874,414
184,564	14,501,600	659,509	1,927,585	17,273,258	1,936,984	—	(752,875)	1,184,109
39,839	3,130,244	142,358	507,605	3,820,046	418,108	—	(83,928)	334,180
—	—	—	173,620	173,620	—	—	(265,603)	(265,603)
12,576	988,096	44,937	532,118	1,577,727	131,980	—	528,400	660,380
9,972	783,550	35,635	140,183	969,340	104,659	—	394,345	499,004
2,566	201,582	9,168	117,267	330,583	26,925	631	(13,299)	14,257
3,701	290,800	13,225	185,480	493,206	38,842	(23,409)	110,098	125,531
8,817	692,808	31,508	6,413	739,546	92,539	—	186,323	278,862
9,600	754,301	34,304	—	798,205	100,752	—	489,958	590,710



**STATE OF NEW JERSEY**  
**PUBLIC EMPLOYEES' RETIREMENT SYSTEM**  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Ethical Comm Chnr Schl - J.C.	48300	Hudson	\$ 1,286,646	23,094	128,476	—	375,136	526,706
Great Futures Charter High School	54600	Hudson	781,365	14,024	78,022	—	623,894	715,940
Guttenberg Boro Bd Of Ed	70023	Hudson	2,151,295	38,613	214,815	—	131,851	385,279
Guttenberg Housing Authority	30970	Hudson	1,221,905	21,932	122,012	—	162,456	306,400
Guttenberg Town	51260	Hudson	5,495,264	98,633	548,722	—	1,426,826	2,074,181
Harrison Town (Hudson)	21160	Hudson	13,842,571	248,456	1,382,232	—	1,264,532	2,895,220
Harrison Town Bd Of Ed(Hudson)	21163	Hudson	8,672,775	155,665	866,008	—	981,414	2,003,087
Harrison Town Housing Authority	30120	Hudson	2,411,188	43,278	240,766	—	447,433	731,477
Hoboken Board Of Education	21123	Hudson	11,756,888	211,021	1,173,968	—	94,441	1,479,430
Hoboken Charter School	35490	Hudson	872,225	15,655	87,095	—	70,521	173,271
Hoboken City	21120	Hudson	43,978,375	789,354	4,391,402	—	5,150,591	10,331,347
Hoboken Dual Language Ch School	48900	Hudson	3,755,685	67,410	375,019	—	1,834,869	2,277,298
Hoboken Housing Authority	30220	Hudson	5,415,555	97,202	540,763	—	554,128	1,192,093
Hudson Co Community College	32260	Hudson	20,697,318	371,490	2,066,703	—	1,545,788	3,983,981
Hudson Co Economic Develop Corp	38400	Hudson	194,929	3,499	19,464	—	38,177	61,140
Hudson Co Improvement Auth	34430	Hudson	10,907,744	195,780	1,089,178	—	1,134,942	2,419,900
Hudson Co Schools Of Technology	60023	Hudson	28,151,374	505,280	2,811,018	—	444,345	3,760,643
Hudson County	60020	Hudson	270,893,790	4,862,189	27,049,740	—	19,061,178	50,973,107
Hudson Reg Health Commission	31650	Hudson	4,826,192	86,624	481,913	—	298,761	867,298
Jersey City	51640	Hudson	72,791,412	1,306,511	7,268,490	—	16,402,555	24,977,556
Jersey City Comm Charter School	35420	Hudson	2,632,255	47,246	262,840	—	250,952	561,038
Jersey City Global Charter School	54100	Hudson	597,124	10,718	59,625	—	396,847	467,190
Jersey City Golden Door Charter	35610	Hudson	1,667,001	29,920	166,456	—	272,880	469,256
Jersey City Housing Authority	30060	Hudson	23,204,887	416,497	2,317,093	—	788,172	3,521,762
Jersey City Incinerator Auth	31050	Hudson	—	—	—	—	976,184	976,184
Jersey City Municipal Ut. Auth	31250	Hudson	19,222,226	345,014	1,919,410	—	2,558,139	4,822,563
Jersey City Parking Auth	56060	Hudson	—	—	—	—	59,668	59,668
Jersey City Public Schools	70033	Hudson	180,540,041	3,240,458	18,027,586	—	5,571,937	26,839,981
Jersey City Redevel Agency	30800	Hudson	2,613,712	46,913	260,989	—	632,289	940,191
Kearny Municipal Util Auth	34970	Hudson	831,546	14,925	83,033	—	244,161	342,119
Kearny Town	20390	Hudson	15,075,275	270,581	1,505,322	—	68,479	1,844,382
Kearny Town Bd Of Ed	20393	Hudson	18,331,347	329,024	1,830,452	—	172,830	2,332,306
Learning Comm. Charter School	35390	Hudson	1,495,357	26,840	149,317	—	146,187	322,344
Liberty Academy Charter School	37600	Hudson	—	—	—	—	—	—
Mets Charter School	49600	Hudson	1,273,198	22,852	127,133	—	825,092	975,077
North Bergen Bd Of Ed	21443	Hudson	26,925,858	483,284	2,688,646	—	530,737	3,702,667
North Bergen Housing Authority	30490	Hudson	4,724,736	84,803	471,782	—	215,792	772,377
North Bergen M.U.A.	34710	Hudson	8,445,225	151,581	843,287	—	270,248	1,265,116
North Bergen Parking Authority	41800	Hudson	2,168,541	38,922	216,537	—	545,364	800,823
North Bergen Township	21440	Hudson	28,222,896	506,564	2,818,160	—	1,213,576	4,538,300
North Hudson Reg Fire & Rescue	36300	Hudson	3,218,542	57,769	321,383	—	418,370	797,522
North Hudson Sewerage Authority	34850	Hudson	1,391,696	24,979	138,966	—	298,481	462,426
Schomburg Charter School	39600	Hudson	—	—	—	—	—	—
Secaucus Housing Authority	48000	Hudson	1,275,587	22,895	127,372	—	56,339	206,606
Secaucus Municipal Util. Auth.	43800	Hudson	3,584,226	64,332	357,898	—	368,191	790,421
Secaucus Town	21650	Hudson	25,533,883	458,300	2,549,652	—	4,107,006	7,114,958
Secaucus Town Bd Of Ed	21653	Hudson	9,298,334	166,893	928,473	—	94,349	1,189,715
Soaring Heights Charter School	35400	Hudson	944,636	16,955	94,325	—	312,375	423,655
Union City	21290	Hudson	27,968,153	501,992	2,792,723	—	1,143,071	4,437,786
Union City Bd Of Ed	21293	Hudson	83,691,005	1,502,144	8,356,854	—	9,769,082	19,628,080
Union City Housing Authority	30400	Hudson	3,431,977	61,599	342,695	—	407,084	811,378
Union City Parking Authority	30660	Hudson	1,145,956	20,568	114,428	—	256,351	391,347
University Academy Charter Hs	41100	Hudson	1,126,320	20,216	112,467	—	153,809	286,492
Weehawken Township	21110	Hudson	19,968,487	358,408	1,993,927	—	3,069,825	5,422,160
Weehawken Twp Bd Of Ed	21113	Hudson	4,990,723	89,577	498,342	—	639,736	1,227,655
Weehawken Twp Housing Authority	31960	Hudson	494,556	8,877	49,383	—	66,087	124,347
West New York Bd Of Ed	21303	Hudson	38,377,061	688,818	3,832,090	—	811,876	5,332,784
West New York Housing Authority	30480	Hudson	4,585,287	82,300	457,858	—	788,761	1,328,919
West New York Parking Authority	56180	Hudson	1,728,983	31,033	172,645	—	678,983	882,661
West New York Town	21300	Hudson	19,586,206	351,547	1,955,755	—	2,959,758	5,267,060
Alexandria Township	50020	Hunterdon	1,582,272	28,400	157,996	—	168,176	354,572
Alexandria Twp Bd Of Ed	50023	Hunterdon	1,541,834	27,674	153,958	—	118,458	300,090
Bethlehem Township	50290	Hunterdon	1,564,230	28,076	156,194	—	368,316	552,586
Bethlehem Twp Bd Of Ed	50293	Hunterdon	1,768,810	31,748	176,622	—	294,057	502,427
Bloomsbury Borough	50320	Hunterdon	234,441	4,208	23,410	—	2,633	30,251
Bloomsbury Borough Bd Of Ed	50323	Hunterdon	257,892	4,629	25,752	—	1,848	32,229
Calton Boro Bd Of Ed	50463	Hunterdon	287,142	5,154	28,672	—	76,903	110,729
Calton Borough	50460	Hunterdon	327,543	5,879	32,706	—	1,332	39,917
Clinton Town	50600	Hunterdon	3,722,657	66,817	371,721	—	245,877	684,415
Clinton Town Bd Of Ed	50603	Hunterdon	1,951,846	35,033	194,899	—	409,158	639,090
Clinton Township	23260	Hunterdon	4,610,405	82,751	460,366	—	71,840	614,957
Clinton Twp Bd Of Ed	23263	Hunterdon	5,721,350	102,691	571,298	—	235,843	909,832
Clinton Twp Sew Authority	32930	Hunterdon	172,422	3,095	17,217	—	17,785	38,097
Delaware Township	23380	Hunterdon	1,846,018	33,134	184,332	—	46,725	264,191
Delaware Twp Bd Of Ed	23383	Hunterdon	1,623,173	29,134	162,080	—	201,040	392,254
Delaware Twp Mun Util Auth	55850	Hunterdon	29,157	523	2,911	—	11,206	14,640
Delaware Valley Reg H S Dist	40280	Hunterdon	8,209,136	147,343	819,712	—	571,436	1,538,491
East Amwell Township	50800	Hunterdon	1,493,857	26,813	149,167	—	137,289	313,269
East Amwell Township Bd Of Ed	50803	Hunterdon	1,800,301	32,313	179,767	—	49,141	261,221
Flemington Borough	22320	Hunterdon	2,492,713	44,741	248,907	—	570,000	863,648
Flemington Raritan Bd Of Ed	40270	Hunterdon	7,756,666	139,222	774,532	—	373,910	1,287,664
Franklin Township (Hunterdon)	51090	Hunterdon	1,177,521	21,135	117,580	—	57,120	195,835
Franklin Twp Bd Of Ed (Huntrdn)	51093	Hunterdon	1,229,536	22,069	122,774	—	659,463	804,306
Frenchtown Borough	51150	Hunterdon	1,074,675	19,289	107,310	—	29,674	156,273
Frenchtown Borough Bd Of Ed	51153	Hunterdon	505,559	9,074	50,482	—	19,576	79,132
Glen Gardner Borough	51180	Hunterdon	685,058	12,296	68,406	—	60,333	141,035
Hampton Borough	51330	Hunterdon	691,967	12,420	69,095	—	125,206	206,721
Hampton Borough Bd Of Ed	51333	Hunterdon	460,435	8,264	45,976	—	73,704	127,944

	Deferred inflows of resources				Pension expense			
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
5,684	446,591	20,310	92,014	564,599	59,651	33,214	82,123	174,988
3,452	271,209	12,334	—	286,995	36,226	—	177,238	213,464
9,503	746,708	33,959	650,279	1,440,449	99,738	—	(55,167)	44,571
5,398	424,119	19,288	494,146	942,951	56,650	(20,056)	(113,725)	(77,131)
24,276	1,907,389	86,745	326,184	2,344,594	254,771	—	435,828	690,599
61,150	4,804,712	218,510	65,522	5,149,894	641,767	—	478,807	1,120,574
38,312	3,010,293	136,903	161,117	3,346,625	402,086	—	412,041	814,127
10,652	836,916	38,062	—	885,630	111,787	—	180,755	292,542
51,937	4,080,779	185,587	1,102,861	5,421,164	545,071	18,639	(373,213)	190,497
3,853	302,747	13,768	296,873	617,241	40,438	—	(84,913)	(44,475)
194,277	15,264,755	694,216	13,546	16,166,794	2,038,919	—	2,479,950	4,518,869
16,591	1,303,586	59,285	—	1,379,462	174,121	—	709,492	883,613
23,924	1,879,722	85,487	347,438	2,336,571	251,075	—	704	251,779
91,432	7,183,973	326,715	107,579	7,709,699	959,566	21,910	348,112	1,329,588
861	67,659	3,077	79,763	151,360	9,037	—	(37,881)	(28,844)
48,186	3,786,043	172,183	6,738	4,013,150	505,703	—	438,155	943,858
124,360	9,771,253	444,380	1,156,412	11,496,405	1,305,150	—	(49,451)	1,255,699
1,196,689	94,026,377	4,276,164	—	99,499,230	12,559,139	520,723	8,232,667	21,312,529
21,320	1,675,156	76,183	69,467	1,842,126	223,751	—	78,461	302,212
321,560	25,265,669	1,149,041	—	26,736,270	3,374,745	1,437	6,554,734	9,930,916
11,628	913,647	41,551	1,321,209	2,288,035	122,036	—	(296,096)	(174,060)
2,638	207,260	9,426	180,555	399,879	27,684	—	119,352	147,036
7,364	578,611	26,314	141,540	753,829	77,285	—	9,796	87,081
102,509	8,054,343	366,298	667,663	9,190,813	1,075,822	—	(517,655)	558,167
—	—	—	10,913,906	10,913,906	—	—	(3,967,407)	(3,967,407)
84,915	6,671,974	303,430	650,104	7,710,423	891,178	8,130	808,308	1,707,616
—	—	—	3,546,664	3,546,664	—	—	(1,890,904)	(1,890,904)
797,546	62,664,877	2,849,895	7,071,964	73,384,282	8,370,171	19,439	(2,180,660)	6,208,950
11,546	907,211	41,258	108,042	1,068,057	121,177	—	150,619	271,796
3,673	288,627	13,126	77,001	382,427	38,552	—	85,058	123,610
66,596	5,232,580	237,969	825,680	6,362,825	698,918	—	(593,187)	105,731
80,980	6,362,752	289,367	1,089,732	7,822,831	849,875	—	(23,678)	826,197
6,606	519,034	23,605	425,216	974,461	69,328	20,236	(101,696)	(12,132)
—	—	—	138,509	138,509	—	—	(196,884)	(196,884)
5,624	441,923	20,098	134,971	602,616	59,028	—	231,675	290,703
118,947	9,345,880	425,035	285,257	10,175,119	1,248,333	—	286,419	1,534,752
20,872	1,639,941	74,582	431,395	2,166,790	219,048	—	(78,998)	140,050
37,307	2,931,311	133,311	215,039	3,316,988	391,536	—	(13,210)	378,326
9,580	752,694	34,231	246,394	1,042,899	100,538	—	95,752	196,290
124,676	9,796,078	445,509	388,628	10,754,891	1,308,466	18,688	114,223	1,441,377
14,218	1,117,146	50,806	56,877	1,239,047	149,218	—	93,618	242,836
6,148	483,053	21,968	247	511,416	64,522	353	149,775	214,650
—	—	—	26,080	26,080	—	—	(59,273)	(59,273)
5,635	442,752	20,136	18,604	487,127	59,139	—	19,106	78,245
15,834	1,244,074	56,578	13,655	1,330,141	166,171	—	117,276	283,447
112,797	8,862,730	403,062	—	9,376,589	1,183,798	—	1,327,988	2,511,786
41,076	3,227,422	146,778	505,345	3,920,621	431,088	—	(99,855)	331,233
4,173	327,880	14,911	137,794	484,758	43,795	—	80,940	124,735
123,551	9,707,657	441,488	59,494	10,332,190	1,296,655	—	580,333	1,876,988
369,710	29,048,883	1,321,095	83,219	30,822,907	3,880,070	—	4,743,006	8,623,076
15,161	1,191,228	54,175	379,677	1,640,241	159,113	—	(82,128)	76,985
5,062	397,758	18,089	703,010	1,123,919	53,129	—	(172,552)	(119,423)
4,976	390,942	17,779	59,197	472,894	52,218	37,276	48,431	137,925
88,212	6,930,999	315,210	566,898	7,901,319	925,776	4,346	1,095,664	2,025,786
22,047	1,732,264	78,781	118,011	1,951,103	231,379	—	192,221	423,600
2,185	171,659	7,807	186,271	367,922	22,929	—	(58,364)	(35,435)
169,533	13,320,556	605,797	2,593,559	16,689,445	1,779,232	26,867	283,893	2,089,992
20,256	1,591,538	72,381	89,361	1,773,536	212,582	5,122	224,332	442,036
7,638	600,125	27,293	107,007	742,063	80,159	1,096	155,687	236,942
86,523	6,798,310	309,176	1,216,261	8,410,270	908,053	—	451,775	1,359,828
6,990	549,202	24,977	10,308	591,477	73,357	—	30,987	104,344
6,811	535,166	24,338	313,248	879,563	71,482	—	(16,577)	54,905
6,910	542,939	24,692	149,026	723,567	72,521	—	54,430	126,951
7,814	613,948	27,921	159,808	809,491	82,005	—	105,957	187,962
1,036	81,374	3,701	54,691	140,802	10,869	—	(16,080)	(5,211)
1,139	89,514	4,071	154,439	249,163	11,956	—	(48,994)	(37,038)
1,268	99,666	4,533	190,969	296,436	13,312	—	(32,078)	(18,766)
1,447	113,689	5,170	12,832	133,138	15,185	—	(7,006)	8,179
16,445	1,292,122	58,764	114,052	1,481,383	172,589	—	87,206	259,795
8,622	677,480	30,811	105,595	822,508	90,491	—	123,107	213,598
20,367	1,600,257	72,777	528,850	2,222,251	213,747	699	(93,982)	120,464
25,274	1,985,863	90,314	349,520	2,450,971	265,252	—	(101,029)	164,223
762	59,847	2,722	—	63,331	7,994	—	9,783	17,777
8,155	640,747	29,140	363,414	1,041,456	85,585	596	(69,045)	17,136
7,170	563,398	25,622	340,885	937,075	75,253	1,520	(121,139)	(44,366)
129	10,120	460	2,334	13,043	1,352	—	(2,055)	(703)
36,264	2,849,365	129,584	239,008	3,254,221	380,591	898	260,928	642,417
6,599	518,513	23,581	47,719	596,412	69,258	495	64,263	134,016
7,953	624,879	28,418	127,036	788,286	83,465	619	(6,958)	77,126
11,012	865,213	39,348	77,661	993,234	115,567	—	83,468	199,035
34,266	2,692,314	122,442	—	2,849,022	359,613	1,486	228,268	589,367
5,202	408,714	18,588	7,276	439,780	54,592	—	10,627	65,219
5,432	426,768	19,409	165,427	617,036	57,004	—	(5,409)	51,595
4,747	373,016	16,964	127,865	522,592	49,824	—	(29,765)	20,059
2,233	175,478	7,980	17,996	203,687	23,439	—	4,538	27,977
3,026	237,781	10,814	74,751	326,372	31,761	—	(18,631)	13,130
3,057	240,180	10,923	109,867	364,027	32,081	—	3,099	35,180
2,034	159,815	7,268	135,360	304,477	21,347	—	2,155	23,502

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Deferred outflows of resources								
Employer	Employer number	County	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
High Bridge Borough	51450	Hunterdon	\$ 1,218,403	21,869	121,662	—	149,241	292,772
High Bridge Borough Bd Of Ed	51453	Hunterdon	877,690	15,753	87,641	—	133,058	236,452
Holland Township	23250	Hunterdon	1,910,463	34,290	190,767	—	59,346	284,403
Holland Twp Bd Of Ed	23253	Hunterdon	2,994,512	53,748	299,013	—	237,788	590,549
Hunterdon Central High School	40290	Hunterdon	18,725,076	336,091	1,869,768	—	223,770	2,429,629
Hunterdon Co Board Social Ser.	10181	Hunterdon	3,388,223	60,814	338,326	—	1,592,778	1,991,918
Hunterdon Co Educ Svcs Comm	33030	Hunterdon	16,238,736	291,464	1,621,497	—	1,946,941	3,859,902
Hunterdon Co Soil Conserv Dist	32360	Hunterdon	538,254	9,661	53,747	—	26,713	90,121
Hunterdon County	10180	Hunterdon	52,676,028	945,466	5,259,895	—	1,423,933	7,629,294
Hunterdon County Vocational	35140	Hunterdon	1,558,043	27,965	155,576	—	418,148	601,689
Kingwood Township	22340	Hunterdon	1,657,332	29,747	165,491	—	120,953	316,191
Kingwood Township Bd Of Ed	22343	Hunterdon	1,558,043	27,965	155,576	—	217,724	401,265
Lambertville City	23700	Hunterdon	1,954,329	35,078	195,147	—	154,856	385,081
Lambertville City Bd Of Ed	51713	Hunterdon	—	—	—	—	12,675	12,675
Lambertville City Fire Dist #1	44300	Hunterdon	164,809	2,958	16,457	—	63,952	83,367
Lambertville Sewerage Auth	55190	Hunterdon	1,253,247	22,494	125,141	—	84,678	232,313
Lebanon Borough	51750	Hunterdon	442,726	7,946	44,208	—	56,136	108,290
Lebanon Borough Bd Of Ed	51753	Hunterdon	460,972	8,274	46,030	—	154,284	208,588
Lebanon Township	23510	Hunterdon	2,094,908	37,601	209,184	—	21,791	268,576
Lebanon Township Bd Of Ed	23513	Hunterdon	2,791,932	50,112	278,785	—	52,025	380,922
Milford Borough	22900	Hunterdon	1,052,557	18,892	105,102	—	210,935	334,929
Milford Borough Bd Of Ed	22903	Hunterdon	474,272	8,513	47,358	—	87,094	142,965
North Hunterdon Municipal Court	31040	Hunterdon	—	—	—	—	1	1
North Hunterdon-Voorhees	40260	Hunterdon	10,893,814	195,530	1,087,787	—	107,628	1,390,945
Raritan Township	52810	Hunterdon	8,876,114	159,315	886,313	—	352,784	1,398,412
Raritan Twp Mun Util Authority	31640	Hunterdon	4,663,106	83,697	465,628	—	62,726	612,051
Readington Township	23470	Hunterdon	7,529,542	135,145	751,852	—	438,581	1,325,578
Readington Twp Bd Of Ed	23473	Hunterdon	8,649,416	155,246	863,676	—	747,014	1,765,936
Readington-Lebanon Sew Auth	32550	Hunterdon	961,252	17,253	95,985	—	46,025	159,263
South Hunterdon Reg Bd Of Ed	40300	Hunterdon	—	—	—	—	133,711	133,711
South Hunterdon Regional School District	40900	Hunterdon	5,808,006	104,246	579,951	—	3,289,248	3,973,445
Stockton Borough	53210	Hunterdon	203,135	3,646	20,284	—	11,454	35,384
Stockton Borough Bd Of Ed	53213	Hunterdon	—	—	—	—	639	639
Tewksbury Township	53310	Hunterdon	3,114,974	55,910	311,042	—	327,715	694,667
Tewksbury Twp Bd Of Ed	53313	Hunterdon	2,505,420	44,969	250,175	—	59,316	354,460
Union Township (Hunterdon)	23420	Hunterdon	990,131	17,772	98,868	—	28,953	145,593
Union Twp Of Ed (Hunterdon)	23423	Hunterdon	1,871,693	33,594	186,895	—	240,142	460,631
West Amwell Township	23560	Hunterdon	1,249,172	22,421	124,734	—	196,233	343,388
West Amwell Twp Bd Of Ed	23563	Hunterdon	—	—	—	—	1,058	1,058
East Windsor Mun Util Authority	55470	Mercer	4,895,380	87,866	488,822	—	885,014	1,461,702
East Windsor Reg School Dist	40310	Mercer	21,909,701	393,250	2,187,764	—	1,260,327	3,841,341
East Windsor Township	50860	Mercer	8,736,813	156,814	872,403	—	677,664	1,706,881
Emily Fisher Charter School	35530	Mercer	—	—	—	—	2	2
Ewing Lawrence Sewerage Auth	30320	Mercer	9,654,811	173,291	964,068	—	211,607	1,348,966
Ewing Township	21740	Mercer	20,597,325	369,695	2,056,719	—	1,761,549	4,187,963
Ewing Township Bd Of Ed	21743	Mercer	17,601,461	315,923	1,757,570	—	956,526	3,030,019
Foundation Academy Charter SchI	46900	Mercer	5,300,205	95,132	529,245	—	2,191,918	2,816,295
Hamilton Township (Mercer)	21070	Mercer	64,934,641	1,165,492	6,483,962	—	4,836,725	12,486,179
Hamilton Twp Bd Of Ed (Mercer)	21073	Mercer	49,912,067	895,856	4,983,903	—	1,241,048	7,120,807
Hamilton Twp Fire District 2	30830	Mercer	203,450	3,652	20,315	—	128,432	152,399
Hamilton Twp Fire District 4	56020	Mercer	—	—	—	—	35	35
Hamilton Twp Fire District 5	56040	Mercer	15,857	285	1,583	—	7	1,875
Hamilton Twp Fire District 6	55330	Mercer	201,135	3,610	20,084	—	34,194	57,888
Hamilton Twp Fire District 7	30910	Mercer	336,527	6,040	33,603	—	32,791	72,434
Hamilton Twp Fire District 8	32940	Mercer	26,489	475	2,645	—	34	3,154
Hamilton Twp Fire District 9	31410	Mercer	39,290	705	3,923	—	12,730	17,358
Hightstown Boro Housing Auth	31180	Mercer	563,707	10,118	56,288	—	85,049	151,455
Hightstown Borough	51470	Mercer	4,046,087	72,622	404,017	—	3,102	479,741
Hopewell Borough	23600	Mercer	1,508,991	27,084	150,678	—	89,436	267,198
Hopewell Township (Mercer)	51560	Mercer	10,190,935	182,914	1,017,602	—	313,963	1,514,479
Hopewell Twp Fire District 1	35260	Mercer	368,944	6,622	36,840	—	37,890	81,352
Hopewell Valley Reg Sch Dist	40320	Mercer	20,831,617	373,900	2,080,113	—	948,444	3,402,457
International Academy of Trenton	54700	Mercer	2,766,888	49,662	276,284	—	1,794,259	2,120,205
International Charter School	35690	Mercer	579,693	10,405	57,884	—	119,482	187,771
Lawrence Township (Mercer)	21420	Mercer	16,230,882	291,323	1,620,713	—	1,185,524	3,097,560
Lawrence Twp Bd Of Ed (Mercer)	21423	Mercer	19,811,570	355,592	1,978,258	—	829,774	3,163,624
Mercer Co Bd Of Social Service	10171	Mercer	73,168,747	1,313,283	7,306,168	—	668,292	9,287,743
Mercer Co Community College	55500	Mercer	25,012,097	448,934	2,497,550	—	—	2,946,484
Mercer Co Improvement Authority	31370	Mercer	3,775,543	67,766	377,002	—	26,769	471,537
Mercer Co Soil Conservtn Dist	33060	Mercer	425,776	7,642	42,515	—	21,701	71,858
Mercer Co Special Ser Sch Dist	32670	Mercer	19,501,217	350,021	1,947,268	—	1,430	2,298,719
Mercer Co Vocational Schools	10173	Mercer	4,815,337	86,429	480,829	—	225,924	793,182
Mercer County	10170	Mercer	21,142,526	379,481	2,111,159	—	804,926	3,295,566
Mercer County	10178	Mercer	133,977,277	2,404,717	13,378,123	—	5,604,392	21,387,232
Ocean Grove Bd Of Fire Comm	31680	Mercer	45,532	817	4,547	—	2,260	7,624
Pace Charter School Of Hamilton	37400	Mercer	1,036,145	18,597	103,463	—	217,662	339,722
Paul Robeson Chtr School	48200	Mercer	1,665,130	29,887	166,269	—	148,151	344,307
Pennington Borough	22910	Mercer	1,810,582	32,498	180,793	—	107,090	320,381
Princeton	51500	Mercer	25,949,620	465,762	2,591,165	—	2,981,227	6,038,154
Princeton Borough	20020	Mercer	—	—	—	—	2	2
Princeton Charter School	35310	Mercer	1,002,857	18,000	100,139	—	316,158	434,297
Princeton Housing Authority	55520	Mercer	853,886	15,326	85,264	—	73,521	174,111
Princeton Joint Public Library	40110	Mercer	6,075,920	109,055	606,703	—	508,213	1,223,971
Princeton Regional School	40180	Mercer	25,983,537	466,371	2,594,552	—	3,005,943	6,066,866
Princeton Township	20140	Mercer	—	—	—	—	—	—
Robbinsville Township	53570	Mercer	9,294,573	166,825	928,097	—	509,211	1,604,133
Robbinsville Twp Bd Of Ed	53573	Mercer	6,659,132	119,523	664,939	—	326,937	1,111,399
Trenton City	21780	Mercer	83,155,214	1,492,527	8,303,354	—	4,139,800	13,935,681

Differences between expected and actual experience	Deferred inflows of resources				Pension expense			
	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
5,382	422,904	19,233	248,876	696,395	56,487	768	(69,144)	(11,889)
3,877	304,643	13,855	631,581	953,956	40,691	—	(130,217)	(89,526)
8,440	663,116	30,157	155,426	857,139	88,573	—	6,583	95,156
13,228	1,039,386	47,270	68,812	1,168,696	138,831	—	30,821	169,652
82,719	6,499,415	295,583	1,025,202	7,902,919	868,129	—	(127,046)	741,083
14,968	1,176,041	53,484	1,002,537	2,247,030	157,084	84	(88,747)	68,421
71,736	5,636,414	256,335	352,979	6,317,464	752,858	—	239,335	992,193
2,378	186,826	8,497	67,137	264,838	24,954	—	(31,301)	(6,347)
232,699	18,283,683	831,512	1,019,823	20,367,717	2,442,158	37,165	247,372	2,726,695
6,883	540,792	24,594	352,233	924,502	72,234	652	(7,887)	64,999
7,321	575,255	26,162	415,635	1,024,373	76,837	2,152	(71,840)	7,149
6,883	540,792	24,594	114,636	686,905	72,234	—	60,997	133,231
8,633	678,341	30,850	187,306	905,130	90,606	427	(5,402)	85,631
—	—	—	435,756	435,756	—	—	(152,434)	(152,434)
728	57,205	2,602	3,027	63,562	7,641	—	26,478	34,119
5,536	434,998	19,783	7,712	468,029	58,103	—	42,012	100,115
1,956	153,669	6,989	69,931	232,545	20,526	217	8,947	29,690
2,036	160,002	7,277	111,125	280,440	21,372	—	17,568	38,940
9,254	727,136	33,069	299,924	1,069,383	97,124	—	(61,032)	36,092
12,334	969,071	44,072	481,195	1,506,672	129,439	—	(99,127)	30,312
4,650	365,339	16,615	—	386,604	48,799	—	77,300	126,099
2,095	164,618	7,487	130,136	304,336	21,988	—	9,013	31,001
—	—	—	43,335	43,335	—	—	(98,486)	(98,486)
48,124	3,781,208	171,963	1,827,405	5,828,700	505,057	—	(655,057)	(150,000)
39,211	3,080,871	140,113	168,436	3,428,631	411,513	—	(81,664)	329,849
20,600	1,618,549	73,609	139,429	1,852,187	216,190	—	7,969	224,159
33,262	2,613,480	118,857	1,133,509	3,899,108	349,084	2,575	(115,609)	236,050
38,209	3,002,185	136,534	296,587	3,473,515	401,003	6,045	135,296	542,344
4,246	333,648	15,174	172,168	525,236	44,565	—	(43,082)	1,483
—	—	—	1,889,426	1,889,426	—	—	(649,820)	(649,820)
25,657	2,015,941	91,682	26,609	2,159,889	269,270	—	1,286,325	1,555,595
897	70,508	3,207	77,839	152,451	9,418	—	(17,825)	(8,407)
—	—	—	32,275	32,275	—	—	(12,072)	(12,072)
13,761	1,081,198	49,171	779,845	1,923,975	144,416	680	(144,592)	504
11,088	889,623	39,549	278,042	1,198,282	116,156	—	(115,470)	686
4,374	343,671	15,630	114,442	478,117	45,904	803	(4,969)	41,738
8,268	649,659	29,545	180,854	868,326	86,775	—	4,543	91,318
5,518	433,584	19,719	45,017	503,838	57,914	—	58,412	116,326
—	—	—	524,566	524,566	—	—	(216,860)	(216,860)
21,626	1,699,171	77,275	438,844	2,236,916	226,959	—	206,827	433,786
96,787	7,604,788	345,853	436,090	8,483,518	1,015,774	—	272,183	1,287,957
38,595	3,032,520	137,914	1,049,119	4,258,148	405,055	7,195	(112,991)	299,259
—	—	—	276,667	276,667	—	—	(628,783)	(628,783)
42,651	3,351,154	152,405	216,865	3,763,075	447,615	—	85,290	532,905
90,990	7,149,266	325,137	677,841	8,243,234	954,930	—	570,215	1,525,145
77,755	6,109,411	277,846	87,119	6,552,131	816,036	—	325,486	1,141,522
23,414	1,839,684	83,666	—	1,946,764	245,727	—	874,346	1,120,073
286,853	22,538,608	1,025,019	1,200,217	25,050,697	3,010,490	30,375	593,998	3,634,863
220,489	17,324,321	787,881	3,929,423	22,262,114	2,314,016	25,198	(82,792)	2,256,622
899	70,617	3,212	—	74,728	9,432	—	45,343	54,775
—	—	—	24,173	24,173	—	—	(7,020)	(7,020)
70	5,504	250	4,436	10,260	735	—	(7,071)	(6,336)
889	69,813	3,175	19,269	93,146	9,325	—	25,451	34,776
1,487	116,808	5,312	58,416	182,023	15,602	—	5,423	21,025
117	9,194	418	29,908	39,637	1,228	—	(16,026)	(14,798)
174	13,637	620	224,048	238,479	1,822	—	(49,934)	(48,112)
2,490	195,661	8,898	13,076	220,125	26,134	—	2,248	28,382
17,874	1,404,384	63,869	193,214	1,679,341	187,584	—	(97,844)	89,740
6,666	523,766	23,820	115,735	669,987	69,960	—	9,621	79,581
45,019	3,537,241	160,868	1,082,539	4,825,667	472,471	1,917	(389,756)	84,632
1,630	128,059	5,824	4,492	140,005	17,105	—	17,001	34,106
92,025	7,230,588	328,835	127,639	7,779,087	965,792	32,308	421,068	1,419,168
12,223	960,378	43,676	37,081	1,053,358	128,278	—	611,711	739,989
2,561	201,210	9,151	20,746	233,668	26,876	—	19,477	46,353
71,701	5,633,688	256,211	208,247	6,169,847	752,494	2,583	114	755,191
87,519	6,876,533	312,733	553,597	7,830,382	918,501	—	15,855	934,356
323,227	25,396,641	1,154,997	3,572,808	30,447,673	3,392,239	—	(790,748)	2,601,491
110,492	8,681,620	394,826	4,379,727	13,566,665	1,159,607	4,092	(1,801,631)	(637,932)
16,679	1,310,479	59,598	592,863	1,979,619	175,041	4,617	(213,308)	(33,650)
1,881	147,786	6,721	349,343	505,731	19,740	—	(142,785)	(123,045)
86,148	6,768,811	307,834	1,503,481	8,666,274	904,113	—	(426,320)	477,793
21,272	1,671,388	76,012	1,119,360	2,888,032	223,248	5,533	(181,129)	47,652
93,398	7,338,504	333,743	880,563	8,646,208	980,207	—	272,428	1,252,635
591,852	46,503,089	2,114,883	1,887,261	51,097,085	6,211,435	—	1,252,874	7,464,309
—	15,804	719	—	16,724	2,111	—	1,120	3,231
4,577	359,643	16,356	41,542	422,118	48,038	—	141,776	189,814
7,356	577,962	26,285	1,033,945	1,645,548	77,199	—	(23,850)	53,349
7,998	628,447	28,581	133,777	798,803	83,942	281	19,752	103,975
114,634	9,007,031	409,625	2,120,072	11,651,362	1,203,072	7,900	4,224,502	5,435,474
—	—	—	941,593	941,593	—	—	(2,139,980)	(2,139,980)
4,430	348,089	15,830	69,250	437,599	46,494	—	98,246	144,740
3,772	296,381	13,479	149,119	462,751	39,588	—	(14,837)	24,751
26,841	2,108,933	95,911	36,929	2,268,614	281,691	3,006	103,809	388,506
114,784	9,018,803	410,160	423,793	9,967,540	1,204,645	5,283	1,124,050	2,333,978
—	—	—	1,133,950	1,133,950	—	—	(2,577,160)	(2,577,160)
41,059	3,226,117	146,718	448,389	3,862,283	430,914	4,873	172,220	608,007
29,417	2,311,364	105,117	219,659	2,665,557	308,730	—	159,325	468,055
367,343	28,862,911	1,312,637	138,549	30,681,440	3,855,230	10,940	1,437,452	5,303,622

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Trenton City Bd Of Ed	21783	Mercer	\$ 38,304,836	687,522	3,824,879	—	1,500,402	6,012,803
Trenton Housing Authority	30130	Mercer	7,563,275	135,751	755,221	—	252,647	1,143,619
Trenton Parking Authority	30580	Mercer	336,064	6,032	33,557	—	—	39,589
Trenton Stem to Civics Charter	54400	Mercer	2,039,021	36,598	203,604	—	1,618,629	1,858,831
Village Charter School	37100	Mercer	912,348	16,375	91,101	—	126,789	234,265
West Windsor Parking Authority	32110	Mercer	706,009	12,672	70,498	—	15,800	98,970
West Windsor Plainsboro Reg	40440	Mercer	28,607,197	513,462	2,856,534	—	716,911	4,086,907
West Windsor Township	53720	Mercer	16,196,927	290,714	1,617,323	—	725,568	2,633,605
Academy For Urban Leadership	49100	Middlesex	2,062,194	37,014	205,918	—	1,241,789	1,484,721
Carteret Bd Of Ed	21333	Middlesex	10,322,642	185,278	1,030,754	—	263,349	1,479,381
Carteret Borough	21330	Middlesex	11,675,604	209,562	1,165,852	—	187,396	1,562,810
Carteret Housing Authority	56140	Middlesex	2,317,771	41,601	231,438	—	138,360	411,399
Carteret Port Authority	45200	Middlesex	10,151	182	1,014	—	16	1,212
Carteret Redevelopment Agency	42000	Middlesex	92,268	1,656	9,213	—	2,535	13,404
Cranbury Township	50650	Middlesex	3,575,724	64,180	357,049	—	91,733	512,962
Cranbury Township Bd Of Ed	50653	Middlesex	2,276,444	40,859	227,311	—	282,867	551,037
Dunellen Board Of Education	50773	Middlesex	4,188,445	75,177	418,232	—	890,099	1,383,508
Dunellen Borough	50770	Middlesex	2,240,692	40,217	223,741	—	72,391	336,349
Dunellen Parking Authority	55700	Middlesex	193,947	3,481	19,366	—	12,194	35,041
East Brunswick Township	22410	Middlesex	31,995,253	574,273	3,194,843	—	1,355,853	5,124,969
East Brunswick Twp Bd Of Ed	22413	Middlesex	35,478,393	636,791	3,542,648	—	958,849	5,138,288
East Brunswick Twp Fire Dist #1	34960	Middlesex	481,737	8,647	48,103	—	47,165	103,915
East Brunswick Twp Fire Dist #2	34840	Middlesex	338,972	6,084	33,848	—	18,839	58,771
Edison Township	21450	Middlesex	45,583,673	818,167	4,551,697	—	1,892,473	7,262,337
Edison Twp Bd Of Ed	21453	Middlesex	51,926,710	932,017	5,185,073	—	2,063,887	8,180,977
Edison Twp Housing Authority	30600	Middlesex	1,069,025	19,188	106,746	—	94,165	220,099
Greater Brunswick Chart.School	35560	Middlesex	1,893,903	33,993	189,113	—	271,394	494,500
Hatkvah Internat'L Acad Chtr	49200	Middlesex	1,373,098	24,645	137,109	—	483,501	645,255
Helmetta Borough	51440	Middlesex	670,794	12,040	66,981	—	42,859	121,880
Highland Park Bd Of Ed	23093	Middlesex	6,927,195	124,334	691,706	—	1,194,705	2,071,745
Highland Park Borough	23090	Middlesex	9,032,865	162,128	901,965	—	592,820	1,656,913
Highland Park Housing Authority	56400	Middlesex	343,270	6,161	34,277	—	120,739	161,177
Jamesburg Borough	51620	Middlesex	2,195,864	39,413	219,265	—	314,127	572,805
Jamesburg Borough Bd Of Ed	51623	Middlesex	1,107,240	19,874	110,562	—	50,186	180,622
Metuchen Boro Bd Of Ed	22783	Middlesex	8,010,613	143,780	799,889	—	459,590	1,403,259
Metuchen Borough	22780	Middlesex	7,035,486	126,278	702,519	—	187,128	1,015,925
Metuchen Parking Authority	56030	Middlesex	75,282	1,351	7,517	—	8,197	17,065
Middle Brook Reg Health Comm	31480	Middlesex	644,712	11,572	64,377	—	40,434	116,383
Middlesex Bd Of Ed	20963	Middlesex	8,580,822	154,015	856,827	—	782,084	1,792,926
Middlesex Borough	20960	Middlesex	7,255,627	130,229	724,501	—	956,084	1,810,814
Middlesex Co Bd Of Social Srv	10041	Middlesex	49,607,772	890,395	4,953,518	—	696,564	6,540,477
Middlesex Co Ed Serv Comm	32590	Middlesex	17,476,404	313,679	1,745,083	—	41,359	2,100,121
Middlesex Co Jt Health Ins Fund	35280	Middlesex	—	—	—	—	—	—
Middlesex Co Mosq Extern Comm	10042	Middlesex	2,644,184	47,460	264,032	—	236,578	548,070
Middlesex Co Mun Jt Ins Fund	34490	Middlesex	1,015,361	18,224	101,388	—	56,901	176,513
Middlesex Co Utilities Auth	30560	Middlesex	36,496,681	655,068	3,644,328	—	2,335,395	6,634,791
Middlesex Co Vocational School	10043	Middlesex	12,663,123	227,287	1,264,459	—	66,358	1,558,104
Middlesex County	10040	Middlesex	193,585,909	3,474,614	19,330,264	—	14,637,185	37,442,063
Middlesex County College	30940	Middlesex	43,144,439	774,386	4,308,131	—	152,004	5,234,521
Middlesex County Improv Auth	35120	Middlesex	40,783,711	732,014	4,072,403	—	300,493	5,104,910
Milltown Borough	22230	Middlesex	5,781,869	103,777	577,341	—	305,094	986,212
Milltown Borough Bd Of Ed	22233	Middlesex	2,626,475	47,142	262,263	—	143,077	452,482
Monroe Township (Middlesex)	52210	Middlesex	40,623,718	729,143	4,056,427	—	3,648,942	8,434,512
Monroe Twp Bd Of Ed (Middlesex)	52213	Middlesex	32,044,508	575,157	3,199,762	—	1,847,733	5,622,652
Monroe Twp Fire District 1	35600	Middlesex	72,300	1,298	7,219	—	2,741	11,258
Monroe Twp Fire District 2	34510	Middlesex	115,961	2,081	11,579	—	988	14,648
Monroe Twp Fire District 3	34870	Middlesex	765,330	13,744	76,461	—	157,317	247,522
New Brunswick Bd Of Ed	20193	Middlesex	50,795,907	911,720	5,072,158	—	2,673,388	8,657,266
New Brunswick City	20190	Middlesex	35,489,192	636,985	3,543,726	—	2,169,352	6,350,063
New Brunswick Housing Authority	30250	Middlesex	2,374,622	42,621	237,115	—	55,575	335,311
New Brunswick Parking Authority	30430	Middlesex	6,171,319	110,767	616,229	—	15,102	742,098
North Brunswick Bd Of Ed	23333	Middlesex	23,297,785	418,165	2,326,369	—	1,546,754	4,291,288
North Brunswick Township	23330	Middlesex	19,316,310	346,702	1,928,804	—	356,695	2,632,201
Old Bridge Bd Of Ed	51933	Middlesex	30,253,229	543,006	3,020,896	—	502,419	4,066,321
Old Bridge Housing Authority	42600	Middlesex	—	—	—	—	21	21
Old Bridge Municipal Util Auth	34340	Middlesex	13,511,230	242,509	1,349,146	—	1,187,477	2,779,132
Old Bridge Township	51930	Middlesex	26,581,384	477,101	2,654,249	—	3,427,827	6,559,177
Old Bridge Twp Fire District 2	55740	Middlesex	560,502	10,060	55,968	—	70,008	136,036
Old Bridge Twp Fire District 3	34470	Middlesex	515,711	9,256	51,496	—	72,057	132,809
Perth Amboy Bd Of Ed	20203	Middlesex	74,714,175	1,341,022	7,460,485	—	6,487,683	15,289,190
Perth Amboy City	20200	Middlesex	29,769,787	534,329	2,972,623	—	2,948,398	6,455,350
Perth Amboy Housing Authority	30380	Middlesex	5,012,804	89,973	500,547	—	158,504	749,024
Perth Amboy Port Authority	34250	Middlesex	—	—	—	—	2	2
Piscataway Bd Of Ed Adm Bldg	22623	Middlesex	31,596,744	567,120	3,155,051	—	696,035	4,418,206
Piscataway Township	22620	Middlesex	27,403,316	491,854	2,736,322	—	1,657,283	4,885,459
Plainsboro Township	52720	Middlesex	14,454,810	259,445	1,443,366	—	930,748	2,633,559
Plainsboro Twp Fire District 1	34950	Middlesex	40,568	728	4,051	—	14,614	19,393
Sayreville Bd Of Ed_Selover Elm	21023	Middlesex	19,538,784	350,696	1,951,019	—	150,488	2,452,203
Sayreville Borough	21020	Middlesex	26,196,712	470,197	2,615,838	—	873,485	3,959,520
Sayreville Econ & Redev. Agency	42700	Middlesex	162,234	2,912	16,200	—	2,997	22,109
Sayreville Housing Authority	34330	Middlesex	—	—	—	—	772	772
South Amboy Bd Of Ed	23633	Middlesex	3,341,987	59,984	333,710	—	194,998	588,692
South Amboy City	23630	Middlesex	5,867,802	105,319	585,922	—	451,690	1,142,931
South Amboy Housing Authority	56380	Middlesex	937,689	16,830	93,632	—	77,952	188,414
South Brunswick Bd Of Ed	23033	Middlesex	43,069,250	773,037	4,300,623	—	1,750,761	6,824,421
South Brunswick Township	23030	Middlesex	38,318,025	687,758	3,826,195	—	1,398,314	5,912,267
South Plainfield Bd Of Ed	21833	Middlesex	10,301,802	184,904	1,028,673	—	228,471	1,442,048
South Plainfield Borough	21830	Middlesex	12,183,701	218,682	1,216,587	—	865,638	2,300,907

Deferred inflows of resources				Pension expense				
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
169,214	13,295,487	604,657	15,822,203	29,891,561	1,775,883	—	(3,160,867)	(1,384,984)
33,411	2,625,189	119,389	713,429	3,491,418	350,647	—	(179,590)	171,057
1,485	116,647	5,305	178,341	301,778	15,581	—	(103,330)	(87,749)
9,007	707,738	32,187	—	748,932	94,533	—	467,574	562,107
4,030	316,673	14,402	700,320	1,035,425	42,298	—	(64,173)	(21,875)
3,119	245,053	11,145	172,806	432,123	32,732	19,014	(34,687)	17,059
126,374	9,929,467	451,576	385,103	10,892,520	1,326,283	—	(36,729)	1,289,554
71,551	5,621,902	255,675	456,706	6,405,834	750,920	—	112,681	863,601
9,110	715,781	32,553	45,799	803,243	95,607	—	392,701	488,308
45,601	3,582,956	162,947	713,025	4,504,529	478,577	—	(46,149)	432,428
51,578	4,052,565	184,304	1,008,207	5,296,654	541,303	—	(331,633)	209,670
10,239	804,491	36,587	297,328	1,148,645	107,456	—	(39,265)	68,191
45	3,523	160	270	3,998	471	—	(69)	402
408	32,026	1,456	15	33,905	4,278	50	853	5,181
15,796	1,241,122	56,444	442,432	1,755,794	165,777	—	(122,501)	43,276
10,056	790,146	35,935	502,460	1,338,597	105,540	—	(48,553)	56,987
18,503	1,453,796	66,116	1,948	1,540,363	194,184	—	317,333	511,517
9,898	777,737	35,370	256,952	1,079,957	103,883	—	(91,251)	12,632
857	67,318	3,062	16,608	87,845	8,992	—	(15,777)	(6,785)
141,341	11,105,451	505,058	839,890	12,591,740	1,483,359	—	250,277	1,733,636
156,728	12,314,438	560,040	712,214	13,743,420	1,644,844	146	134,180	1,779,170
2,128	167,210	7,604	44,128	221,070	22,334	—	2,624	24,958
1,497	117,656	5,351	29,791	154,295	15,715	—	(815)	14,900
201,369	15,821,949	719,556	1,905,000	18,647,874	2,113,344	4,984	(463,309)	1,655,019
229,389	18,023,597	819,683	1,519,289	20,591,958	2,407,419	—	515,272	2,922,691
4,722	371,055	16,875	380,123	772,775	49,562	284	(60,209)	(10,363)
8,366	657,368	29,896	367,293	1,062,923	87,805	—	31,506	119,311
6,066	476,598	21,675	147,509	651,848	63,659	—	137,950	201,609
2,963	232,831	10,589	227,647	474,030	31,099	—	(62,145)	(31,046)
30,601	2,404,407	109,348	44,580	2,588,936	321,158	—	293,955	615,113
39,903	3,135,279	142,587	940,625	4,258,394	418,780	—	(5,390)	413,390
1,516	119,148	5,419	72,026	198,109	15,915	—	(40,818)	(24,903)
9,700	762,177	34,663	357,455	1,163,995	101,804	—	5,530	107,334
4,891	384,320	17,478	381,313	788,002	51,334	—	(144,891)	(93,557)
35,387	2,780,458	126,451	43,280	2,985,556	371,387	—	162,840	534,227
31,080	2,441,995	111,058	195,562	2,779,695	326,178	2,551	(49,174)	279,555
333	26,130	1,188	355,086	382,737	3,490	—	(86,430)	(82,940)
2,848	223,778	10,177	105,298	342,101	29,890	—	(6,433)	23,457
37,906	2,978,376	135,452	498,380	3,650,114	397,823	—	247,171	644,994
32,052	2,518,405	114,533	—	2,664,990	336,384	2,903	332,589	671,876
219,145	17,218,701	783,078	2,245,541	20,466,465	2,299,908	3,040	(322,803)	1,980,145
77,203	6,066,005	275,872	723,582	7,142,862	810,239	—	(267,741)	542,498
—	—	—	29,211	29,211	—	—	(57,295)	(57,295)
11,681	917,788	41,739	430,539	1,401,747	122,589	—	26,172	148,761
4,485	352,429	16,028	216,775	589,717	47,074	—	(64,132)	(17,058)
161,226	12,667,882	576,114	—	13,405,222	1,692,054	—	896,768	2,588,822
55,940	4,395,330	199,892	518,761	5,169,923	587,086	—	(61,669)	525,417
855,177	67,193,056	3,055,829	5,094,876	76,198,938	8,975,002	331,175	1,905,550	11,211,727
190,593	14,975,298	681,052	1,214,791	17,061,734	2,000,256	11,768	(441,533)	1,570,491
180,164	14,155,897	643,787	7,932,779	22,912,627	1,890,808	33,420	(2,513,592)	(589,364)
25,542	2,006,888	91,269	450,009	2,573,688	268,058	—	4,021	272,079
11,603	911,641	41,460	77,059	1,041,763	121,768	—	89,726	211,494
179,458	14,100,364	641,261	44,951	14,966,034	1,883,391	—	1,076,536	2,959,927
141,558	11,122,547	505,835	—	11,769,940	1,485,643	29,415	906,724	2,421,782
319	25,095	1,141	5,629	32,184	3,352	—	(6,735)	(3,383)
512	40,250	1,830	32,470	75,062	5,376	—	(11,614)	(6,238)
3,383	265,783	12,087	16,271	297,524	35,501	—	26,251	61,752
224,394	17,631,099	801,833	174,225	18,831,551	2,354,992	—	1,122,699	3,477,691
156,776	12,318,186	560,211	664,532	13,699,705	1,645,345	—	724,596	2,369,941
10,490	824,224	37,484	474,897	1,347,095	110,092	—	(126,017)	(15,925)
27,262	2,142,045	97,417	1,306,735	3,573,459	286,114	—	(483,745)	(197,631)
102,919	8,086,587	367,765	20,965	8,578,236	1,080,129	—	527,934	1,608,063
85,331	6,704,630	304,915	116,096	7,210,972	895,540	12,321	116,999	1,024,860
133,645	10,500,800	477,559	2,062,403	13,174,407	1,402,596	—	(210,826)	1,191,770
—	—	—	22,849	22,849	—	—	(14,540)	(14,540)
59,687	4,689,705	213,280	23,632	4,986,304	626,406	—	498,650	1,125,056
117,425	9,226,314	419,597	945,050	10,708,386	1,232,362	34,737	755,107	2,022,206
2,476	194,548	8,848	—	205,872	25,886	—	39,970	65,956
2,278	179,002	8,141	17,946	207,367	23,909	—	21,460	45,369
330,054	25,933,054	1,179,392	—	27,442,500	3,463,888	—	2,791,318	6,255,206
131,510	10,332,999	469,928	180,170	11,114,607	1,380,183	—	910,597	2,290,780
22,144	1,739,928	79,129	79,043	1,920,244	232,403	—	(7,088)	225,315
—	—	—	5,811	5,811	—	—	(13,202)	(13,202)
139,580	10,967,130	498,767	901,809	12,507,286	1,464,884	—	253,802	1,718,686
121,056	9,511,604	432,572	482,083	10,547,315	1,270,469	83,858	617,266	1,971,593
63,855	5,017,219	228,175	135,088	5,444,337	670,152	6,962	311,720	988,834
179	14,081	640	62,543	77,443	1,881	—	(6,752)	(4,871)
86,314	6,781,850	308,427	1,564,295	8,740,886	905,854	—	(464,567)	441,287
115,726	9,092,796	413,525	460,783	10,082,830	1,214,528	77,248	232,353	1,524,129
717	56,311	2,561	2,000	61,589	7,521	—	1,069	8,590
—	—	—	71,931	71,931	—	—	(82,739)	(82,739)
14,763	1,159,993	52,755	564,683	1,792,194	154,941	—	(51,527)	103,414
25,921	2,036,695	92,626	526,441	2,681,683	272,042	—	33,992	306,034
4,142	325,469	14,802	58,855	403,268	43,473	—	(14,182)	29,291
190,261	14,949,200	679,865	1,041,928	16,861,254	1,996,770	6,820	840,574	2,844,164
169,272	13,300,065	604,865	25,342	14,099,544	1,776,495	61,210	487,413	2,325,118
45,509	3,575,723	162,618	570,118	4,353,968	477,611	732	(151,909)	326,434
53,822	4,228,924	192,324	409,545	4,884,615	584,859	—	285,076	829,935

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
South River Boro Bd Of Ed	20493	Middlesex	\$ 3,671,234	65,894	366,586	—	94,616	527,096
South River Borough	20490	Middlesex	11,717,747	210,318	1,170,060	—	124,243	1,504,621
Spotswood Bd Of Ed	53163	Middlesex	6,032,463	108,275	602,364	—	315,538	1,026,177
Spotswood Borough	53160	Middlesex	4,723,550	84,782	471,664	—	570,823	1,127,269
Woodbridge Housing Authority	55350	Middlesex	3,943,964	70,789	393,819	—	130,927	595,535
Woodbridge Township	21960	Middlesex	92,717,831	1,664,164	9,258,216	—	6,221,856	17,144,236
Woodbridge Township Bd Of Ed	21963	Middlesex	39,557,824	710,011	3,949,994	—	2,105,485	6,765,490
Woodbridge Twp Fire Dist 4	54200	Middlesex	91,954	1,650	9,182	—	74,885	85,717
Woodbridge Twp Fire Dist 5	34910	Middlesex	431,741	7,749	43,111	—	49,065	99,925
Woodbridge Twp Fire District 1	56050	Middlesex	192,706	3,459	19,242	—	45,096	67,797
Woodbridge Twp Fire District 11	34830	Middlesex	113,330	2,034	11,316	—	3,974	17,324
Woodbridge Twp Fire District 12	35360	Middlesex	74,189	1,332	7,408	—	1,517	10,257
Woodbridge Twp Fire District 2	56230	Middlesex	38,030	683	3,797	—	943	5,423
Woodbridge Twp Fire District 7	35800	Middlesex	842,216	15,117	84,098	—	109,604	208,819
Woodbridge Twp Fire District 8	36000	Middlesex	109,755	1,970	10,959	—	9,905	22,834
Woodbridge Twp Fire District 9	32090	Middlesex	623,113	11,184	62,220	—	19,010	92,414
Aberdeen Township	52050	Monmouth	9,585,457	172,046	957,143	—	1,076,234	2,205,423
Aberdeen Twp Fire Dist 2	34150	Monmouth	300,665	5,397	30,022	—	15,227	50,646
Aberdeen Twp Fire District 1	32620	Monmouth	494,056	8,868	49,333	—	127,073	185,274
Academy Charter High School	35540	Monmouth	770,621	13,832	76,949	—	193,615	284,396
Allenhurst Borough	21570	Monmouth	2,189,936	39,306	218,673	—	86,970	344,949
Allentown Borough	50050	Monmouth	702,897	12,616	70,187	—	105,754	188,557
Asbury Park Bd Of Ed	20163	Monmouth	21,078,525	378,332	2,104,768	—	1,690,919	4,174,019
Asbury Park City	20160	Monmouth	14,564,066	261,406	1,454,275	—	2,622,784	4,338,465
Asbury Pk Housing Authority	30230	Monmouth	1,664,686	29,879	166,225	—	—	196,104
Atl Highlands-Highlands Reg S A	34350	Monmouth	—	—	—	—	—	—
Atlantic Highlands	23100	Monmouth	5,251,524	94,258	524,384	—	207,952	826,594
Atlantic Highlands Bd Of Ed	23103	Monmouth	1,158,200	20,788	115,651	—	156,682	293,121
Avon By The Sea	20610	Monmouth	3,210,484	57,624	320,579	—	161,127	539,330
Avon By The Sea Boro Bd Of Ed	20613	Monmouth	483,608	8,680	48,290	—	80,403	137,373
Belmar Boro Bd Of Ed	21583	Monmouth	1,005,210	18,042	100,374	—	73,019	191,435
Belmar Borough	21580	Monmouth	6,620,380	118,827	661,069	—	865,174	1,645,070
Belmar Housing Authority	56290	Monmouth	87,675	1,574	8,755	—	15,043	25,372
Bradley Beach Bd Of Ed	20633	Monmouth	1,204,325	21,616	120,256	—	150,692	292,564
Bradley Beach Borough	20630	Monmouth	4,055,331	72,788	404,940	—	902,769	1,380,497
Brielle Boro Bd Of Ed	20853	Monmouth	2,027,443	36,390	202,448	—	62,791	301,629
Brielle Borough	20850	Monmouth	3,325,722	59,692	332,086	—	316,349	708,127
Brookdale Community College	31280	Monmouth	28,008,498	502,716	2,796,751	—	30,584	3,330,051
Colts Neck Township	23110	Monmouth	4,840,289	86,877	483,321	—	334,078	904,276
Colts Neck Twp Bd Of Ed	23113	Monmouth	7,345,228	131,837	733,448	—	624,547	1,489,832
Deal Boro Bd Of Ed	20293	Monmouth	282,177	5,065	28,176	—	57,516	90,757
Deal Borough	20290	Monmouth	3,496,292	62,754	349,118	—	400,055	811,927
Eatontown Bd Of Ed	21483	Monmouth	3,001,792	53,878	299,740	—	120,749	474,367
Eatontown Borough	21480	Monmouth	9,557,467	171,544	954,348	—	422,234	1,548,126
Eatontown Sewerage Authority	31110	Monmouth	933,170	16,749	93,180	—	83,401	193,330
Englishtown Borough	50940	Monmouth	814,393	14,617	81,320	—	31,723	127,660
Fair Haven Borough	21790	Monmouth	2,965,244	53,222	296,090	—	248,475	597,787
Fair Haven Borough Bd Of Ed	21793	Monmouth	4,219,417	75,733	421,324	—	749,892	1,246,949
Farmingdale Bd Of Ed	51003	Monmouth	316,002	5,672	31,554	—	63,806	101,032
Farmingdale Borough	51000	Monmouth	479,867	8,613	47,916	—	99,371	155,900
Freehold Boro Bd Of Ed	21693	Monmouth	6,190,769	111,116	618,171	—	437,156	1,166,443
Freehold Boro Housing Authority	31700	Monmouth	321,634	5,773	32,116	—	27,985	65,874
Freehold Borough	21690	Monmouth	6,441,734	115,621	643,231	—	287,475	1,046,327
Freehold Reg H S District	57130	Monmouth	44,931,347	806,459	4,486,560	—	811,668	6,104,687
Freehold Soil Con Dist	32240	Monmouth	3,064,755	55,008	306,027	—	354,069	715,104
Freehold Township	51130	Monmouth	18,355,021	329,449	1,832,816	—	1,212,903	3,375,168
Freehold Twp Bd Of Ed	51133	Monmouth	27,355,024	490,987	2,731,500	—	1,566,158	4,788,645
Hazlet Township	52820	Monmouth	6,648,981	119,341	663,925	—	92,571	875,837
Hazlet Twp Bd Of Ed	52823	Monmouth	13,195,580	236,843	1,317,627	—	1,109,727	2,664,197
Hazlet Twp Fire Dist	35290	Monmouth	139,468	2,503	13,926	—	38,323	54,752
Henry Hudson Reg Sch Dist	40430	Monmouth	1,081,529	19,412	107,995	—	218,754	346,161
Highlands Boro Bd Of Ed	21353	Monmouth	791,960	14,215	79,080	—	23,907	117,202
Highlands Borough	21350	Monmouth	1,856,947	33,330	185,423	—	301,702	520,455
Highlands Housing Auth	55950	Monmouth	348,049	6,247	34,754	—	25,560	66,561
Holmdel Township	23120	Monmouth	10,547,858	189,320	1,053,242	—	1,054,161	2,296,723
Holmdel Township Bd Of Ed	23123	Monmouth	18,958,369	340,278	1,893,063	—	855,001	3,088,342
Hope Academy Charter School	40600	Monmouth	440,781	7,911	44,014	—	13,438	65,363
Howell Township	22220	Monmouth	21,907,571	393,212	2,187,551	—	1,270,360	3,851,123
Howell Twp Bd Of Ed	22223	Monmouth	34,648,440	621,894	3,459,774	—	228,886	4,310,554
Howell Twp Fire District 1	35520	Monmouth	201,190	3,611	20,090	—	103,775	127,476
Howell Twp Fire District 2	46500	Monmouth	66,928	1,201	6,683	—	102	7,986
Howell Twp Fire District 3	34770	Monmouth	349,790	6,278	34,928	—	142,208	183,414
Howell Twp Fire District 4	38500	Monmouth	—	—	—	—	33	33
Interlaken Borough	23280	Monmouth	1,157,255	20,771	115,556	—	194,878	331,205
Keansburg Board Of Education	20923	Monmouth	6,690,216	120,081	668,043	—	807,696	1,595,820
Keansburg Boro Housing Auth	56300	Monmouth	278,695	5,002	27,829	—	26,518	59,349
Keansburg Borough	20920	Monmouth	6,028,443	108,203	601,962	—	603,578	1,313,743
Keyport Borough	21610	Monmouth	4,117,683	73,907	411,166	—	355,239	840,312
Keyport Borough Bd Of Ed	21613	Monmouth	4,104,957	73,679	409,895	—	305,456	789,030
Lake Como Borough	53100	Monmouth	1,742,709	31,279	174,016	—	114,083	319,378
Little Silver Bd Of Ed	23233	Monmouth	2,607,432	46,800	260,362	—	283,919	591,081
Little Silver Borough	23230	Monmouth	4,251,075	76,301	424,485	—	300,640	801,426
Loch Arbour Village	23450	Monmouth	150,138	2,695	14,992	—	53,601	71,288
Long Branch Bd Of Ed	21133	Monmouth	31,868,011	571,989	3,182,138	—	1,199,691	4,953,818
Long Branch City	21130	Monmouth	24,988,201	448,506	2,495,164	—	1,296,161	4,239,831
Long Branch City Housing Auth	30140	Monmouth	5,104,702	91,623	509,723	—	292,866	894,212
Long Branch Sewerage Authority	30340	Monmouth	3,783,768	67,914	377,823	—	233,025	678,762
Manalapan Englishtown Regional	57250	Monmouth	24,798,477	445,100	2,476,219	—	409,475	3,330,794

Deferred inflows of resources					Pension expense			
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
16,218	1,274,274	57,952	445,077	1,793,521	170,205	—	(184,210)	(14,005)
51,764	4,067,193	184,969	736,398	5,040,324	543,256	—	(84,241)	459,015
26,649	2,093,849	95,225	276,620	2,492,343	279,676	6,788	(61,477)	224,987
20,867	1,639,529	74,563	387,786	2,122,745	218,993	624	19,879	239,496
17,423	1,368,937	62,257	260,133	1,708,750	182,849	—	(7,369)	175,480
409,586	32,182,065	1,463,587	—	34,055,238	4,298,571	57,242	2,580,896	6,936,709
174,749	13,730,395	624,436	261,879	14,791,459	1,833,974	24,096	875,627	2,733,697
406	31,917	1,452	844	34,619	4,263	—	20,428	24,691
1,907	149,856	6,815	28,592	187,170	20,016	—	22,840	42,856
851	66,888	3,042	1,319	72,100	8,934	—	11,464	20,398
501	39,337	1,789	101,064	142,691	5,254	—	(22,530)	(17,276)
328	25,751	1,171	39,061	46,311	3,440	—	(8,806)	(5,366)
168	13,200	600	32,208	46,176	1,763	—	(13,118)	(11,355)
3,721	292,331	13,295	45,196	354,543	39,047	—	64,262	103,309
485	38,096	1,733	8,912	49,226	5,088	—	929	6,017
2,753	216,281	9,836	10,012	238,882	28,889	—	3,859	32,748
42,344	3,327,082	151,310	471,517	3,992,253	444,400	5,806	220,976	671,182
1,328	104,360	4,746	8,664	119,098	13,939	—	1,715	15,654
2,183	171,485	7,799	—	181,467	22,905	—	62,144	85,049
3,404	267,480	12,165	76,089	359,138	35,727	—	38,601	74,328
9,674	760,120	34,569	310,174	1,114,537	101,530	—	(37,836)	63,694
3,105	243,973	11,095	30,330	288,503	32,588	—	16,333	48,921
93,116	7,316,289	332,733	2,059,655	9,801,793	977,240	—	516,632	1,493,872
64,338	5,055,141	229,899	347,867	5,697,245	675,217	9,408	356,060	1,040,685
7,354	577,807	26,278	641,527	1,252,966	77,178	—	(379,420)	(302,242)
—	—	—	39,802	39,802	—	—	(69,557)	(69,557)
23,199	1,822,787	82,897	440,431	2,369,314	243,470	—	(38,776)	204,694
5,116	402,008	18,283	109,091	534,498	53,696	—	56,934	110,630
14,183	1,114,349	50,679	69,590	1,248,801	148,844	—	28,921	177,765
2,136	167,859	7,634	34,397	212,026	22,421	4,662	4,197	31,280
4,441	348,905	15,868	125,054	494,268	46,603	—	(22,275)	24,328
29,246	2,297,913	104,505	321,623	2,753,287	306,933	—	70,840	377,773
387	30,432	1,384	37,473	69,676	4,065	—	(20,311)	(16,246)
5,320	418,017	19,011	150,135	592,483	55,835	—	9,039	64,874
17,915	1,407,592	64,015	493,570	1,983,092	188,013	—	117,578	305,591
8,956	703,719	32,004	77,605	822,284	93,996	—	11,389	105,385
14,682	1,154,348	52,498	38,915	1,260,453	154,187	—	101,959	256,146
123,729	9,721,661	442,125	3,466,378	13,753,893	1,298,526	14,801	(2,228,846)	(915,519)
21,382	1,680,049	76,406	206,760	1,984,597	224,405	1,011	14,243	239,659
32,448	2,549,505	115,947	194,531	2,892,431	340,538	1,829	218,882	561,249
1,247	97,843	4,454	—	103,644	13,082	—	20,127	33,209
15,445	1,213,552	55,190	318,085	1,602,272	162,095	—	(39,695)	122,400
13,281	1,041,912	47,384	129,455	1,232,012	139,169	—	(2,398)	136,771
42,221	3,317,367	150,868	849,739	4,360,195	443,102	—	(242,527)	200,575
4,122	323,900	14,730	34,545	377,297	43,263	—	47,895	91,158
3,598	282,673	12,856	134,645	433,772	37,757	541	(32,893)	5,405
13,099	1,029,227	46,808	131,159	1,220,293	137,474	—	(15,642)	121,832
18,640	1,464,546	66,605	28,329	1,578,120	195,620	103	195,312	391,035
1,396	109,683	4,988	21,143	137,210	14,650	—	6,088	20,738
2,120	166,560	7,575	107,833	284,088	22,248	—	(4,021)	18,227
27,348	2,148,796	97,724	341,589	2,615,457	287,016	—	104,634	391,650
1,421	111,638	5,077	—	118,136	14,912	—	15,084	29,996
28,457	2,235,905	101,685	227,113	2,593,160	298,651	—	(21,263)	277,388
198,487	15,595,528	709,259	1,566,356	18,069,630	2,083,101	—	(49,260)	2,033,841
13,539	1,063,767	48,378	61,814	1,187,498	142,088	—	87,809	229,897
81,084	6,370,970	289,741	513,528	7,255,323	850,973	—	173,868	1,024,841
120,842	9,494,842	431,810	168,103	10,215,597	1,268,230	—	799,255	2,067,485
29,372	2,307,840	104,957	400,540	2,842,709	308,259	7,079	(2,022)	313,316
58,292	4,580,144	208,297	210,774	5,057,507	611,772	—	445,402	1,057,174
616	48,409	2,202	122,648	173,875	6,466	—	(30,819)	(24,353)
4,778	375,395	17,072	106,452	503,697	50,142	—	2,231	52,373
3,499	274,887	12,501	22,256	313,143	36,717	—	(5,572)	31,145
8,203	644,541	29,313	327,283	1,009,340	86,092	—	(93,646)	(7,554)
1,538	120,807	5,494	54,344	182,183	16,136	—	(26,544)	(10,318)
46,596	3,661,128	166,502	4,790	3,879,016	489,018	—	461,002	950,020
83,750	6,580,390	299,265	262,891	7,226,296	878,945	54,076	413,359	1,346,380
1,947	152,994	6,958	86,960	248,859	20,435	—	(36,434)	(15,999)
96,778	7,604,048	345,820	1,368,391	9,415,037	1,015,676	—	46,214	1,061,890
153,062	12,026,364	546,939	2,385,723	15,112,088	1,606,366	10,418	(657,188)	959,596
889	69,832	3,176	47,186	121,083	9,328	—	8,595	17,923
296	23,230	1,056	14,503	39,085	3,103	—	(3,950)	(847)
1,545	121,411	5,522	4,284	132,762	16,217	—	47,410	63,627
—	—	—	8,220	8,220	—	—	(5,165)	(5,165)
5,112	401,680	18,268	67,454	492,514	53,653	—	37,224	90,877
29,554	2,322,153	105,608	369,869	2,827,184	310,171	—	36,731	346,902
1,231	96,734	4,399	132,861	235,225	12,921	—	(66,033)	(53,112)
26,631	2,092,453	95,161	460,443	2,674,688	279,490	3,025	79,754	362,269
18,190	1,429,235	64,999	98,936	1,611,360	190,903	—	33,846	224,749
18,134	1,424,818	64,798	280,111	1,787,861	190,313	—	7,648	197,961
7,699	604,889	27,509	48,605	688,702	80,795	—	32,872	113,667
11,518	905,032	41,159	441,689	1,399,398	120,885	—	(14,548)	106,337
18,779	1,475,535	67,105	300,760	1,862,179	197,088	1,918	(7,288)	191,718
663	52,112	2,370	69,658	124,803	6,961	—	(32,432)	(25,471)
140,779	11,061,286	503,049	484,819	12,189,933	1,477,460	—	230,228	1,707,688
110,387	8,673,325	394,448	648,574	9,826,734	1,158,499	86	327,971	1,486,556
22,550	1,771,828	80,580	589,681	2,464,637	236,663	—	14,376	251,039
16,715	1,313,334	59,728	124,726	1,514,503	175,422	—	106,861	282,283
109,549	8,607,473	391,454	4,002,602	13,111,078	1,149,703	20,637	(1,021,602)	148,738



STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Manalapan Fire District 2	46200	Monmouth	\$ 273,230	4,904	27,283	—	30,337	62,524
Manalapan Township	51960	Monmouth	12,304,256	220,845	1,228,625	—	408,329	1,857,799
Manalapan Twp Fire District 1	44800	Monmouth	41,235	740	4,117	—	41	4,898
Manasquan Boro Fire District 1	44900	Monmouth	166,995	2,997	16,675	—	19,749	39,421
Manasquan Borough	20940	Monmouth	5,019,621	90,096	501,228	—	450,292	1,041,616
Manasquan Borough Bd Of Ed	20943	Monmouth	6,092,406	109,351	608,349	—	848,316	1,566,016
Marlboro Township	23360	Monmouth	20,287,602	364,136	2,025,792	—	1,869,156	4,259,084
Marlboro Township Bd Of Ed	23363	Monmouth	20,801,442	373,359	2,077,100	—	1,401,845	3,852,304
Marlboro Twp Fire District 3	46300	Monmouth	—	—	—	—	8	8
Matawan Aberdeen Public Lib	31420	Monmouth	857,110	15,384	85,586	—	3,217	104,187
Matawan Borough	20950	Monmouth	4,234,551	76,005	422,836	—	434,601	933,442
Matawan-Aberdeen Reg School	40400	Monmouth	11,519,316	206,757	1,150,246	—	635,698	1,992,701
Middletown Township	22350	Monmouth	27,308,936	490,160	2,726,898	—	886,662	4,103,720
Middletown Twp Bd Of Ed	22353	Monmouth	35,735,896	641,413	3,568,360	—	223,207	4,432,980
Middletown Twp Housing Auth	31980	Monmouth	1,052,539	18,892	105,100	—	76,176	200,168
Middletown Twp Sewerage Auth	55730	Monmouth	5,573,065	100,029	556,491	—	386,007	1,042,527
Millstone Township	52170	Monmouth	2,940,736	52,782	293,643	—	78,722	425,147
Millstone Township Bd Of Ed	23823	Monmouth	6,275,295	112,633	626,611	—	390,559	1,129,803
Millstone Township Fire Dist #1	43400	Monmouth	380,633	6,832	38,008	—	44,109	88,949
Mnuth Co Bayside Outfl Auth	31770	Monmouth	1,073,286	19,264	107,172	—	63,612	180,048
Monmouth Beach Bd Of Ed	21373	Monmouth	727,237	13,053	72,617	—	87,886	173,556
Monmouth Beach Borough	21370	Monmouth	2,343,371	42,060	233,994	—	285,332	561,386
Monmouth Co Div Of Social Servi	10081	Monmouth	41,301,237	741,303	4,124,080	—	236,128	5,101,511
Monmouth Co Health Department	32730	Monmouth	6,130,862	110,041	612,189	—	938,865	1,661,095
Monmouth Co Mesq Extern Comm	10082	Monmouth	—	—	—	—	—	—
Monmouth Co Reg Hlth Comm 1	31130	Monmouth	2,487,026	44,639	248,339	—	98,734	391,712
Monmouth Co Vocational Schools	10083	Monmouth	8,771,935	157,445	875,910	—	38,250	1,071,605
Monmouth County/Hall Of Records	10080	Monmouth	236,791,552	4,250,099	23,644,506	—	7,011,414	34,906,019
Monmouth Regional School	40090	Monmouth	6,906,651	123,965	689,655	—	356,403	1,170,023
Neptune City Bd Of Ed	21813	Monmouth	1,071,193	19,227	106,963	—	107,711	233,901
Neptune City Borough	21810	Monmouth	2,825,609	50,716	282,147	—	262,991	595,854
Neptune City Housing Authority	32950	Monmouth	—	—	—	—	—	—
Neptune Fire District 1	45900	Monmouth	446,116	8,007	44,546	—	46,222	98,775
Neptune Township	21230	Monmouth	17,958,753	322,336	1,793,247	—	470,773	2,586,356
Neptune Twp Bd Of Ed	21233	Monmouth	18,909,169	339,395	1,888,150	—	1,255,107	3,482,652
Neptune Twp Housing Authority	30690	Monmouth	2,063,676	37,040	206,066	—	273,888	516,994
Neptune Twp Sewerage Authority	31970	Monmouth	3,648,375	65,484	364,304	—	167,212	597,000
Ocean Grove Sewerage Authority	45700	Monmouth	169,495	3,042	16,925	—	3,853	23,820
Ocean Township (Monmouth)	22000	Monmouth	15,900,412	285,392	1,587,715	—	433,239	2,306,346
Ocean Twp Bd Of Ed (Monmouth)	22003	Monmouth	18,524,738	332,495	1,849,763	—	198,600	2,380,858
Ocean Twp Fire District 1	34670	Monmouth	761,118	13,661	76,000	—	28,758	118,419
Ocean Twp Fire District 2	34260	Monmouth	560,298	10,057	55,948	—	104,114	170,119
Ocean Twp Sewerage Authority	55540	Monmouth	2,703,202	48,519	269,925	—	136,203	454,647
Oceanport Borough	21180	Monmouth	2,016,996	36,238	201,604	—	361,138	598,980
Oceanport Schools	21183	Monmouth	1,912,816	34,333	191,002	—	189,926	415,261
Red Bank Bd Of Ed	21723	Monmouth	8,003,444	143,651	799,173	—	551,095	1,493,919
Red Bank Boro Housing Auth	56120	Monmouth	285,827	5,130	28,541	—	27,065	60,736
Red Bank Borough	21720	Monmouth	11,248,902	201,903	1,123,244	—	1,057,383	2,382,530
Red Bank Charter School	35670	Monmouth	886,915	15,919	88,562	—	307,567	412,048
Red Bank Regional High School	40450	Monmouth	6,353,707	114,041	634,441	—	652,717	1,401,199
Roosevelt Borough	52910	Monmouth	431,759	7,750	43,113	—	70,789	121,652
Roosevelt Borough Bd Of Ed	52913	Monmouth	213,009	3,823	21,270	—	29,171	54,264
Rumson Boro Bd Of Ed	21203	Monmouth	2,774,186	49,793	277,013	—	103,727	430,533
Rumson Borough	21200	Monmouth	7,388,315	132,611	737,750	—	600,094	1,470,455
Rumson Fair Haven Regional H.S.	40070	Monmouth	3,003,477	53,908	299,908	—	105,408	459,224
Sea Bright Boro	23590	Monmouth	1,823,308	32,726	182,064	—	233,081	447,871
Sea Girt Bd Of Ed	21033	Monmouth	474,624	8,519	47,393	—	51,825	107,737
Sea Girt Borough	21030	Monmouth	3,455,058	62,014	345,000	—	345,677	752,691
Shore Regional H S District	57270	Monmouth	2,402,167	43,116	239,865	—	101,907	384,888
Shrewsbury Borough	22630	Monmouth	4,563,762	81,914	455,708	—	218,448	756,070
Shrewsbury Borough Bd Of Ed	22633	Monmouth	2,308,157	41,428	230,478	—	215,777	487,683
Shrewsbury Township	22090	Monmouth	221,344	3,973	22,102	—	42,127	68,202
Spring Lake Boro Bd Of Ed	21043	Monmouth	1,380,211	24,773	137,819	—	143,779	306,371
Spring Lake Borough	21040	Monmouth	6,620,065	118,822	661,038	—	255,840	1,035,700
Spring Lake Heights Bd Of Ed	21773	Monmouth	972,681	17,458	97,126	—	92,331	206,915
Spring Lake Heights Borough	21770	Monmouth	2,693,681	48,348	268,974	—	79,992	397,314
Tinton Falls Board Of Education	40100	Monmouth	4,841,475	86,898	483,439	—	120,866	691,203
Tinton Falls Borough	22130	Monmouth	13,421,222	240,893	1,340,158	—	326,009	1,907,060
Union Beach Boro Bd Of Ed	53363	Monmouth	2,253,178	40,442	224,988	—	85,927	351,357
Union Beach Borough	53360	Monmouth	3,465,116	62,194	346,005	—	582,239	990,438
Upper Freehold Regional	40390	Monmouth	9,878,212	177,301	986,376	—	549,090	1,712,767
Upper Freehold Township	23710	Monmouth	1,970,871	35,375	196,799	—	12,979	245,153
Wall Township	22380	Monmouth	22,402,812	402,101	2,237,003	—	1,586,781	4,225,885
Wall Township Bd Of Ed	22383	Monmouth	21,352,885	383,256	2,132,164	—	547,406	3,062,826
Wall Township Fire District 2	44000	Monmouth	22,192	398	2,216	—	15,532	18,146
Wall Township Fire District 3	39800	Monmouth	613,851	11,018	61,295	—	37,995	110,308
West Long Branch Bd Of Ed	53673	Monmouth	1,113,298	19,982	111,167	—	23,192	154,341
West Long Branch Borough	53670	Monmouth	2,173,005	39,003	216,983	—	—	255,986
Boonton Housing Authority	56480	Morris	644,527	11,568	64,358	—	17,631	93,557
Boonton Town	21150	Morris	7,016,425	125,936	700,616	—	129,920	956,472
Boonton Town Bd Of Ed	21153	Morris	7,121,123	127,815	711,070	—	644,988	1,483,873
Boonton Township	50330	Morris	1,130,414	20,289	112,876	—	107,662	240,827
Boonton Twp Bd Of Ed	50333	Morris	2,200,440	39,495	219,722	—	120,225	379,442
Butler Boro Bd Of Ed	20043	Morris	4,038,455	72,485	403,255	—	363,335	839,075
Butler Borough	20040	Morris	10,978,821	197,055	1,096,276	—	1,050,867	2,344,198
Chatham Borough	20640	Morris	6,520,517	117,035	651,098	—	425,242	1,193,375
Chatham Jnt Free Public Library	20644	Morris	2,165,818	38,874	216,265	—	137,013	392,152
Chatham Township	22400	Morris	6,857,803	123,089	684,777	—	516,705	1,324,571

Deferred inflows of resources					Pension expense			
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
1,207	94,837	4,313	2,361	102,718	12,667	—	9,678	22,345
54,355	4,270,768	194,227	545,561	5,064,911	570,448	—	(133,377)	437,071
182	14,312	651	9,094	24,239	1,912	—	(12,721)	(10,809)
738	57,963	2,636	14,567	75,904	7,742	—	11,295	19,037
22,174	1,742,295	79,237	541,762	2,385,468	232,719	10,983	(17,792)	225,910
26,914	2,114,655	96,171	114,450	2,352,190	282,455	5,128	189,675	477,258
89,622	7,041,762	320,248	150,940	7,602,572	940,571	—	405,326	1,345,897
91,892	7,220,114	328,359	652,572	8,292,937	964,393	2,273	96,981	1,063,647
—	—	—	10,321	10,321	—	—	(8,031)	(8,031)
3,786	297,500	13,530	156,561	471,377	39,737	—	(66,449)	(26,712)
18,706	1,469,799	66,844	75,039	1,630,388	196,322	—	105,274	301,596
50,887	3,998,318	181,837	53,871	4,284,913	534,057	—	374,177	908,234
120,639	9,478,845	431,082	2,271,051	12,301,617	1,266,093	—	(240,856)	1,025,237
157,865	12,403,816	564,105	1,377,772	14,503,558	1,656,782	15,767	(304,236)	1,368,313
4,650	365,333	16,615	134,675	521,273	48,798	—	(31,477)	17,321
24,619	1,934,393	87,973	168,081	2,215,066	258,378	—	46,082	304,460
12,991	1,020,720	46,421	227,260	1,307,392	136,338	—	(23,808)	112,530
27,721	2,178,135	99,058	342,223	2,647,137	290,934	—	(43,762)	247,172
1,681	132,117	6,008	14,203	154,009	17,647	—	16,344	33,991
4,741	372,534	16,942	231	394,448	49,760	—	22,766	72,526
3,213	252,422	11,480	63,560	330,675	33,716	—	23,067	56,783
10,352	813,377	36,991	58,827	919,547	108,643	12,577	(4,127)	117,093
182,451	14,335,529	651,956	6,952,212	22,122,148	1,914,802	—	(1,919,200)	(4,398)
27,083	2,128,003	96,778	873,627	3,125,491	284,238	—	(83,199)	201,039
—	—	—	784,716	784,716	—	—	(608,798)	(608,798)
10,987	863,239	39,259	162,722	1,076,207	115,303	—	(30,116)	85,187
38,751	3,044,711	138,468	447,651	3,669,581	406,683	1,532	(91,536)	316,679
1,046,041	82,189,598	3,737,847	12,603,302	99,576,788	10,978,096	93,318	(2,819,912)	8,251,502
30,511	2,397,277	109,024	159,818	2,696,630	320,205	—	77,908	398,113
4,732	371,808	16,909	433,818	827,267	49,662	—	(50,084)	(422)
12,482	980,760	44,603	230,160	1,268,005	131,000	—	(20,034)	110,966
—	—	—	6,021	6,021	—	—	(13,683)	(13,683)
1,971	154,845	7,042	1,949	165,807	20,683	—	37,362	58,045
79,334	6,233,426	283,486	1,150,659	7,746,905	832,601	268	(236,833)	596,036
83,532	6,563,313	298,489	454,613	7,399,947	876,664	30,903	427,284	1,334,851
9,116	716,295	32,576	477,537	1,235,524	95,676	—	(99,241)	(3,565)
16,117	1,266,339	57,591	644,491	1,984,538	169,145	—	(107,425)	61,720
749	58,831	2,676	2,077	64,333	7,858	—	1,805	9,663
70,241	5,518,983	250,994	70,334	5,910,552	737,173	—	119,450	856,623
81,834	6,429,878	292,420	482,161	7,296,293	858,841	12,655	75,883	947,379
3,362	264,182	12,015	127,070	406,629	35,287	—	(20,187)	15,100
2,475	194,478	8,845	3,377	209,175	25,976	—	30,066	56,042
11,942	938,273	42,671	285,939	1,278,825	125,325	—	(56,623)	68,702
8,919	700,787	31,871	133,739	875,316	93,604	38,209	10,229	142,042
6,450	663,932	30,195	419,249	1,121,826	98,682	—	(39,161)	49,521
35,356	2,777,970	126,337	78,350	3,018,013	371,055	—	368,729	739,784
1,263	99,210	4,512	237,987	342,972	13,251	—	(99,915)	(86,664)
49,693	3,904,458	177,568	363,482	4,495,201	521,520	—	217,594	739,114
3,918	307,845	14,000	78,950	404,713	41,119	—	36,673	77,792
28,068	2,205,352	100,296	460,723	2,794,439	294,570	—	176,897	471,467
1,907	149,862	6,815	48,210	206,794	20,017	—	(46,786)	(26,769)
941	73,935	3,362	74,436	152,674	9,875	—	(22,255)	(12,380)
12,255	962,911	43,792	116,881	1,135,839	128,616	—	(42,284)	86,332
32,638	2,564,461	116,627	24,400	2,738,126	342,536	3,140	159,950	505,626
13,268	1,042,498	47,411	174,034	1,277,211	139,247	—	15,151	154,398
8,055	632,864	28,782	116,761	786,462	84,532	—	24,776	109,308
2,097	164,741	7,492	198,730	373,060	22,004	—	(61,081)	(39,077)
15,263	1,199,240	54,539	250,368	1,519,410	160,183	1,862	(40,566)	121,479
10,612	833,785	37,919	101,869	984,185	111,369	—	16,208	127,577
20,161	1,584,067	72,041	376,311	2,052,580	211,584	—	(31,291)	180,293
10,196	801,154	36,435	151,589	999,374	107,010	—	100,999	208,009
978	76,828	3,494	105,978	187,278	10,262	—	(31,511)	(21,249)
6,097	479,067	21,787	166,687	673,638	63,989	—	(6,021)	57,968
29,245	2,297,804	104,500	152,618	2,584,167	306,918	3,785	96,516	407,219
4,297	337,615	15,354	156,983	514,249	45,095	—	(43,328)	1,767
11,899	934,968	42,521	258,633	1,248,021	124,884	1,061	(73,927)	52,018
21,387	1,680,461	76,425	343,522	2,121,795	224,460	—	(45,729)	178,731
59,289	4,658,464	211,859	932,363	5,861,975	622,233	—	(87,801)	534,432
9,954	782,071	35,567	665,147	1,492,739	104,461	—	(215,272)	(110,811)
15,307	1,202,731	54,698	295,209	1,567,945	160,649	—	174,882	335,531
43,638	3,428,896	155,931	585,801	4,214,066	457,972	2,663	(45,180)	415,455
8,706	684,083	31,111	121,805	845,705	91,373	—	(26,194)	65,179
98,966	7,775,945	353,637	840,325	9,068,873	1,038,636	—	272,736	1,311,372
94,328	7,411,519	337,064	1,020,029	8,862,940	989,959	22,623	155,961	1,168,543
98	7,703	350	48,829	56,980	1,029	—	(28,866)	(27,837)
2,712	213,066	9,690	60,567	286,035	28,459	—	(3,973)	24,486
4,918	386,422	17,574	484,841	893,755	51,615	564	(171,979)	(119,800)
9,599	754,243	34,302	597,255	1,395,399	100,745	312	(217,592)	(116,535)
2,847	223,713	10,174	118,968	355,702	29,881	—	(17,858)	12,023
30,985	2,435,379	110,757	724,276	3,301,407	325,294	11,256	(133,328)	203,222
31,458	2,471,719	112,410	237,774	2,853,361	330,148	—	154,580	484,728
4,994	392,363	17,844	44,720	459,921	52,408	—	(150)	52,258
9,721	763,766	34,735	—	808,222	102,016	—	89,301	191,317
17,840	1,401,735	63,749	206,738	1,690,062	187,230	—	(30,420)	156,810
48,500	3,810,714	173,305	432,514	4,465,033	508,998	—	71,350	580,348
28,805	2,263,251	102,929	53,425	2,448,410	302,303	—	98,036	400,339
9,568	751,749	34,188	71,457	866,962	100,411	1,528	19,724	121,663
30,295	2,380,322	108,253	428,015	2,946,885	317,940	1,239	54,860	374,039

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Chatham School District	40540	Morris	\$ 12,976,236	232,906	1,295,725	—	254,728	1,783,359
Chester Boro/Twp Public Library	32410	Morris	601,866	10,803	60,099	—	8,820	79,722
Chester Borough	50540	Morris	1,391,511	24,976	138,947	—	58,879	222,802
Chester Township	22670	Morris	5,159,181	92,601	515,163	—	375,560	983,324
Chester Twp Bd Of Ed	57420	Morris	5,030,087	90,283	502,273	—	353,517	946,073
Denville Township	21060	Morris	13,393,269	240,392	1,337,367	—	206,645	1,784,404
Denville Twp Bd Of Ed	21063	Morris	8,724,179	156,588	871,141	—	229,106	1,256,835
Dover Bd Of Ed	20243	Morris	7,201,907	129,265	719,137	—	281,184	1,129,586
Dover Town	20240	Morris	10,999,623	197,429	1,098,353	—	1,308,189	2,603,971
Dover Town Housing Authority	31870	Morris	408,864	7,339	40,827	—	86,769	134,935
East Hanover Township	50830	Morris	12,552,609	225,303	1,253,424	—	167,977	1,646,704
East Hanover Twp Bd Of Ed	50833	Morris	3,832,171	68,782	382,656	—	147,031	598,469
Florham Park Bd Of Ed	21343	Morris	4,263,523	76,525	425,728	—	640,912	1,143,165
Florham Park Borough	21340	Morris	11,002,402	197,479	1,098,630	—	461,310	1,757,419
Hanover Park Reg H S Dist	57050	Morris	10,719,650	192,404	1,070,396	—	940,621	2,203,421
Hanover Sewerage Authority	30720	Morris	3,937,332	70,670	393,157	—	34,099	497,926
Hanover Township	22210	Morris	12,844,196	230,537	1,282,540	—	551,241	2,064,318
Hanover Township Bd Of Ed	22213	Morris	8,854,589	158,928	884,163	—	41,446	1,084,537
Hanover Twp Fire District 2	32970	Morris	237,775	4,268	23,743	—	30,720	58,731
Hanover Twp Fire District 3	34100	Morris	489,425	8,785	48,871	—	195,120	252,776
Harding Township	21410	Morris	2,870,604	51,524	286,640	—	296,440	634,604
Harding Township Bd Of Ed	21413	Morris	1,674,041	30,047	167,159	—	150,077	347,283
Jefferson Township	22520	Morris	13,499,208	242,293	1,347,946	—	172,873	1,763,112
Jefferson Township Bd Of Ed	22523	Morris	16,240,922	291,503	1,621,716	—	676,187	2,589,406
Kinneton Borough	22510	Morris	5,529,941	99,255	552,185	—	305,801	957,241
Kinneton Borough Bd Of Ed	22513	Morris	9,100,422	163,341	908,711	—	792,918	1,864,970
Lincoln Park Boro Bd Of Ed	22763	Morris	2,646,129	47,495	264,226	—	429,580	741,301
Lincoln Park Borough	22760	Morris	6,544,450	117,464	653,487	—	213,845	984,796
Long Hill Township	20770	Morris	4,523,453	81,190	451,683	—	17,586	550,459
Long Hill Twp Bd Of Ed	20773	Morris	2,615,620	46,947	261,179	—	122,355	430,481
Madison Boro Bd Of Ed	20473	Morris	11,904,377	213,668	1,188,696	—	2,811,492	4,213,856
Madison Boro Housing Authority	32870	Morris	1,307,560	23,469	130,565	—	85,883	239,917
Madison Borough	20470	Morris	17,554,409	315,079	1,752,872	—	380,577	2,448,528
Madison-Chatham Joint Meeting	30090	Morris	1,146,085	20,571	114,441	—	149,869	284,881
Mendham Boro Bd Of Ed	21883	Morris	2,386,069	42,827	238,258	—	449,622	730,707
Mendham Borough	21880	Morris	2,975,580	53,408	297,123	—	45,678	396,209
Mendham Township	22120	Morris	3,347,173	60,077	334,228	—	246,374	640,679
Mendham Township Bd Of Ed	22123	Morris	5,553,041	99,670	554,491	—	714,765	1,368,926
Mine Hill Township	23320	Morris	1,618,227	29,045	161,586	—	215,377	406,008
Mine Hill Twp Bd Of Ed	23323	Morris	690,319	12,390	68,931	—	34,950	116,271
Montville Township	23580	Morris	13,844,701	248,494	1,382,444	—	1,043,414	2,674,352
Montville Twp Bd Of Ed	23583	Morris	14,418,133	258,787	1,439,704	—	2,354,698	4,063,189
Montville Twp Fd #1	49300	Morris	61,908	1,111	6,182	—	12,177	19,470
Montville Twp Fire District 3	45600	Morris	247,223	4,437	24,686	—	50,401	79,524
Morris Co Educ Services Comm	31990	Morris	3,674,587	65,954	366,921	—	387,292	820,167
Morris Co Soil Conser Dist	32430	Morris	973,311	17,470	97,189	—	89,114	203,773
Morris Co Vocational Sch Dist	10063	Morris	6,295,579	112,997	628,637	—	118,829	860,463
Morris County	10060	Morris	166,900,476	2,995,645	16,665,625	—	2,165,571	21,826,841
Morris County College	31020	Morris	20,846,863	374,174	2,081,636	—	—	2,455,810
Morris County Housing Authority	34600	Morris	2,816,810	50,558	281,269	—	64,036	395,863
Morris Hills Regional District	40030	Morris	17,277,178	310,103	1,725,190	—	746,019	2,781,312
Morris Plains Bd Of Ed	21493	Morris	2,091,870	37,546	208,881	—	114,131	360,558
Morris Plains Borough	21490	Morris	4,727,514	84,853	472,060	—	49,770	606,683
Morris School District	40470	Morris	25,725,108	461,732	2,568,746	—	462,117	3,492,595
Morris Township	21100	Morris	19,933,125	357,774	1,990,396	—	1,343,072	3,691,242
Morristown Housing Authority	30450	Morris	2,292,393	41,145	228,904	—	323,111	593,160
Morristown Parking Authority	55220	Morris	2,926,510	52,527	292,223	—	698,253	1,043,003
Morristown Town	20270	Morris	15,830,669	284,140	1,580,750	—	687,321	2,562,211
Morristown/Morris Joint Library	31140	Morris	3,396,781	60,968	339,181	—	12,753	412,902
Mount Arlington Bd Of Ed	22813	Morris	1,639,901	29,434	163,750	—	226,136	419,320
Mount Arlington Borough	22810	Morris	2,629,976	47,205	262,613	—	311,429	621,247
Mount Olive Township	22660	Morris	17,376,356	311,883	1,735,093	—	1,169,672	3,216,648
Mount Olive Twp Bd Of Ed	22663	Morris	23,745,308	426,197	2,371,056	—	314,124	3,111,377
Mountain Lakes Boro Bd Of Ed	20673	Morris	9,174,241	164,666	916,082	—	236,876	1,317,624
Mountain Lakes Borough	20670	Morris	2,779,299	49,885	277,523	—	754,328	1,081,736
Netcong Borough	52350	Morris	1,334,142	23,946	133,219	—	29,014	186,179
Netcong Borough Bd Of Ed	52353	Morris	528,659	9,489	52,789	—	263,851	326,129
Parsippany Troy Hills Bd Of Ed	20543	Morris	32,217,690	578,265	3,217,055	—	172,657	3,967,977
Parsippany Troy Hills Township	20540	Morris	49,185,127	882,809	4,911,316	—	5,129,524	10,923,649
Pequanook Township	22360	Morris	11,348,246	203,686	1,133,164	—	1,298,423	2,635,273
Pequanook Twp Bd Of Ed	22363	Morris	7,123,995	127,866	711,357	—	87,701	926,924
Pequanook, Linc Park&Fairfield	32340	Morris	5,032,495	90,327	502,513	—	129,521	722,361
Randolph Township	22650	Morris	14,335,441	257,302	1,431,446	—	—	1,688,748
Randolph Township Bd Of Ed	22653	Morris	25,903,365	464,932	2,586,546	—	765,770	3,817,248
Riverdale Borough	22820	Morris	2,826,498	50,732	282,236	—	148,261	481,229
Riverdale Borough Bd Of Ed	22823	Morris	931,058	16,711	92,970	—	165,991	275,672
Rockaway Borough	21000	Morris	3,273,651	58,758	326,886	—	143,527	529,171
Rockaway Borough Bd Of Ed	21003	Morris	2,131,178	38,252	212,806	—	124,402	375,460
Rockaway Township	21460	Morris	17,314,689	310,776	1,728,935	—	300,636	2,340,347
Rockaway Township Bd Of Ed	21463	Morris	12,766,988	229,151	1,274,831	—	44,029	1,548,011
Roxbury Township	22640	Morris	14,370,804	257,937	1,434,978	—	1,057,664	2,750,579
Roxbury Twp Bd Of Ed	22643	Morris	13,803,244	247,750	1,378,305	—	94,411	1,720,466
Southeast Morris Co Mua	32480	Morris	7,105,748	127,539	709,535	—	130,444	967,518
Victory Gardens Borough	53450	Morris	560,539	10,061	55,972	—	38,633	104,666
Washington Twp (Morris)	21630	Morris	9,471,200	169,996	945,734	—	129,766	1,245,496
Washington Twp Bd Ed (Morris)	21633	Morris	11,521,261	206,792	1,150,440	—	88,053	1,445,285
Washington Twp Mua (Morris)	32560	Morris	1,643,717	29,503	164,131	—	511,375	705,009
West Morris Reg H S Dist	40410	Morris	9,105,220	163,427	909,190	—	745,832	1,818,449

Deferred inflows of resources					Pension expense				
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense	
57,323	4,504,010	204,835	313,940	5,080,108	601,602	—	65,678	667,280	
2,659	208,906	9,501	91,208	312,274	27,904	—	(68,055)	(40,151)	
6,147	482,989	21,966	356,150	867,252	64,513	695	(137,073)	(71,865)	
22,791	1,790,736	81,440	126,149	2,021,116	239,189	1,113	207,206	447,508	
22,221	1,745,927	79,402	46,474	1,894,024	233,204	1,219	109,361	343,784	
59,166	4,648,761	211,418	482,366	5,401,711	620,937	—	37,993	658,930	
38,540	3,028,135	137,715	352,171	3,556,561	404,469	—	53,742	458,211	
31,815	2,499,759	113,685	711,685	3,356,944	333,894	—	(247,463)	86,431	
48,591	3,817,934	173,633	18,622	4,058,780	509,963	597	455,808	966,368	
1,806	141,915	6,454	—	150,175	18,956	—	36,096	55,052	
55,452	4,356,971	198,148	188,750	4,799,321	581,962	—	665	582,627	
16,929	1,330,134	60,492	346,999	1,754,554	177,667	2,681	(69,235)	111,113	
18,834	1,479,855	67,301	773,560	2,339,550	197,665	1,566	(72,978)	126,253	
48,604	3,818,899	173,677	912,276	4,953,456	510,092	3,308	(166,598)	346,802	
47,355	3,720,757	169,214	906,009	4,843,335	496,983	10,632	93,683	601,298	
17,393	1,366,636	62,152	305,538	1,751,719	182,542	3,410	(50,241)	135,711	
56,740	4,458,180	202,751	605,693	5,323,364	595,481	2,915	(18,533)	579,863	
39,116	3,073,400	139,773	301,747	3,554,036	410,515	—	(78,075)	332,440	
1,050	82,531	3,753	—	87,334	11,024	—	11,058	22,082	
2,162	169,878	7,726	11,221	190,987	22,691	—	48,629	71,320	
12,681	996,378	45,314	240,858	1,295,231	133,087	—	(7,297)	125,790	
7,395	581,054	26,425	50,917	665,791	77,612	—	53,339	130,951	
59,634	4,685,532	213,090	1,382,317	6,340,573	625,848	—	(142,347)	483,501	
71,745	5,637,173	256,369	298,461	6,263,748	752,959	53,991	131,584	938,534	
24,429	1,919,425	87,292	61,003	2,092,149	256,378	363	(22,506)	234,235	
40,202	3,158,728	143,654	457	3,343,041	421,912	—	369,064	790,976	
11,689	918,463	41,770	504,776	1,476,698	122,679	—	(41,170)	81,509	
28,910	2,271,558	103,307	316,568	2,720,343	303,413	5,857	10,407	319,677	
19,983	1,570,076	71,404	952,362	2,613,825	209,716	970	(236,672)	(25,986)	
11,555	907,873	41,289	168,442	1,129,159	121,265	—	(23,576)	97,689	
52,588	4,131,971	187,915	475,109	4,847,583	551,909	21,034	813,005	1,385,948	
5,776	453,850	20,640	565,796	1,046,062	60,621	—	(103,521)	(42,900)	
77,548	6,093,080	277,103	1,057,371	7,505,102	813,855	5,801	99,472	919,128	
5,063	397,803	18,091	134,555	555,512	53,135	—	2,038	55,173	
10,541	828,197	37,665	83,484	999,887	110,623	683	112,452	223,758	
13,145	1,032,814	46,971	477,632	1,570,562	137,953	4,466	(167,888)	(25,469)	
14,786	1,161,793	52,836	98,589	1,328,004	155,181	1,026	(35,899)	120,308	
24,531	1,927,443	87,657	166,108	2,205,739	257,449	—	151,323	408,772	
7,149	561,682	25,544	26,285	620,660	75,024	—	99,192	174,216	
3,050	239,607	10,897	167,716	421,270	32,004	—	(50,765)	(18,761)	
61,160	4,805,452	218,544	229,988	5,315,144	641,866	11,460	272,148	925,474	
63,693	5,004,488	227,596	283,329	5,579,106	668,451	(10,665)	916,494	1,574,280	
273	21,488	977	27,371	50,109	2,870	—	(4,684)	(1,814)	
16,233	85,810	3,903	36,826	127,631	11,462	—	2,934	14,396	
16,233	1,275,437	58,005	595,656	1,945,331	170,361	—	(410,333)	(239,872)	
4,300	337,833	15,364	—	357,497	45,125	—	47,160	92,285	
27,811	2,185,175	99,378	363,936	2,676,300	291,875	1,848	(163,054)	130,669	
737,293	57,930,627	2,634,589	23,515,637	84,818,146	7,737,816	16,251	(7,280,051)	474,016	
92,082	7,235,880	329,076	2,372,496	9,964,499	966,499	—	(958,490)	8,009	
12,443	977,706	44,464	344,931	1,379,544	130,593	—	(101,342)	29,251	
76,323	5,996,854	272,727	1,031,559	7,377,463	801,002	31,211	123,239	955,452	
9,241	726,081	33,021	402,192	1,170,535	96,983	—	(37,214)	59,769	
20,884	1,640,905	74,626	201,953	1,938,368	219,176	—	(26,923)	192,253	
113,642	8,929,103	406,081	1,598,412	11,047,238	1,192,664	—	(704,564)	488,100	
88,056	6,918,725	314,652	218,238	7,539,671	924,137	—	508,391	1,432,528	
10,127	795,682	36,186	573,153	1,415,148	106,280	—	(46,138)	60,142	
12,928	1,015,782	46,196	133,749	1,208,655	135,678	—	206,908	342,586	
69,933	5,494,775	249,893	300,410	6,115,011	733,939	—	275,667	1,009,606	
15,005	1,179,012	53,620	237,865	1,485,502	157,481	—	(118,678)	38,803	
7,244	569,204	25,886	92,358	694,892	76,029	—	70,821	146,850	
11,618	912,856	41,515	133,917	1,099,906	121,931	—	67,797	189,728	
76,761	6,031,278	274,293	710,735	7,093,067	805,600	—	214,680	1,020,280	
104,896	8,241,921	374,829	433,146	9,154,792	1,100,877	3,272	(91,772)	1,012,377	
40,528	3,184,350	144,819	1,001,090	4,370,787	425,335	2,728	(148,159)	279,904	
12,278	964,686	43,872	585,606	1,606,442	128,853	2,368	80,662	211,883	
5,894	463,076	21,060	354,457	844,487	61,853	1,109	(83,653)	(20,691)	
2,335	183,496	8,345	231,012	425,188	24,510	—	22,852	47,362	
142,324	11,182,658	508,569	3,660,980	15,494,531	1,493,672	—	(1,226,740)	266,932	
217,278	17,072,002	776,406	749,763	18,815,449	2,280,314	36,252	1,399,597	3,716,163	
50,132	3,938,940	179,136	138,375	4,306,583	526,126	4,281	387,683	918,090	
31,471	2,472,716	112,455	663,729	3,280,371	330,282	5,996	(190,893)	145,385	
22,231	1,746,763	79,440	206,911	2,055,345	233,316	—	14,757	248,073	
63,328	4,975,786	226,291	995,584	6,260,989	664,618	1,229	(376,363)	289,484	
114,430	8,990,976	408,895	715,306	10,229,607	1,200,928	49,550	279,512	1,529,990	
12,486	981,069	44,617	167,532	1,205,704	131,042	10,723	(106,256)	35,509	
4,113	323,167	14,697	117,240	459,217	43,166	—	7,323	50,489	
14,462	1,136,274	51,676	184,872	1,387,284	151,773	3,484	(39,000)	116,257	
9,415	739,725	33,641	121,614	904,395	98,805	—	(1,682)	97,123	
76,489	6,009,874	273,319	1,788,391	8,148,073	802,741	828	(313,947)	489,622	
56,399	4,431,381	201,532	756,556	5,445,868	591,901	7,095	(336,453)	262,543	
63,484	4,988,060	226,849	888,643	6,167,036	666,257	12,641	96,695	775,593	
60,977	4,791,062	217,890	915,672	5,985,601	639,944	—	(673,667)	(33,723)	
31,390	2,466,383	112,167	628,543	3,238,483	329,436	—	(193,104)	136,332	
2,476	194,561	8,848	379	206,264	25,988	161	15,696	41,845	
41,840	3,287,424	149,507	552,795	4,031,566	439,102	—	(62,023)	377,079	
50,896	3,998,993	181,868	1,413,165	5,644,922	534,147	—	(322,008)	212,139	
7,261	570,529	25,947	15,543	619,280	76,206	—	129,211	205,417	
40,223	3,160,393	143,729	170,779	3,515,124	422,135	—	133,249	555,384	

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Wharton Borough	20730	Morris	\$ 4,126,371	74,063	412,033	—	270,993	757,089
Wharton Borough Bd Of Ed	20733	Morris	1,284,794	23,060	128,291	—	97,369	248,720
Barneget Light Borough	23050	Ocean	1,375,766	24,693	137,375	—	74,280	236,348
Barneget Township	23040	Ocean	9,833,791	176,504	981,940	—	384,861	1,543,305
Barneget Twp Bd Of Ed	23043	Ocean	12,663,883	227,300	1,264,535	—	254,644	1,746,479
Bay Head Bd Of Ed	50193	Ocean	674,092	12,099	67,311	—	133,701	213,111
Bay Head Borough	50190	Ocean	1,337,254	24,002	133,530	—	439,116	596,648
Beach Haven Borough	21840	Ocean	5,298,853	95,107	529,110	—	353,819	978,036
Beach Haven Borough Bd Of Ed	21843	Ocean	310,353	5,570	30,990	—	46,347	82,907
Beach Haven Sewerage Authority	55820	Ocean	429,185	7,703	42,856	—	55,362	105,921
Beachwood Borough	22160	Ocean	4,578,785	82,183	457,208	—	414,664	954,055
Beachwood Sewerage Authority	32520	Ocean	720,272	12,928	71,922	—	114,352	199,202
Berkeley Township Municipal Bld	50250	Ocean	19,751,385	354,512	1,972,248	—	1,515,456	3,842,216
Berkeley Twp Bd Of Ed	50253	Ocean	10,709,147	192,215	1,069,348	—	644,818	1,906,381
Berkeley Twp Housing Authority	55890	Ocean	878,394	15,766	87,711	—	120,734	224,211
Berkeley Twp Sewerage Authority	55450	Ocean	2,903,892	52,121	289,964	—	143,750	485,835
Berkeley_Township Muni Util Aut	34900	Ocean	1,141,269	20,484	113,960	—	134,836	269,280
Brick Township	22680	Ocean	46,800,872	840,014	4,673,239	—	4,415,713	9,928,966
Brick Township Fire Dist 2	45100	Ocean	71,003	1,274	7,090	—	4,313	12,677
Brick Twp Bd Of Ed	22683	Ocean	42,073,673	755,167	4,201,211	—	575,925	5,532,303
Brick Twp Fire District 1	39100	Ocean	17,765	319	1,774	—	1,923	4,016
Brick Twp Housing Authority	31240	Ocean	918,387	16,484	91,704	—	165,818	274,006
Brick Twp Joint Bd Of Fire Comm	34400	Ocean	1,173,668	21,066	117,195	—	59,930	198,191
Brick Twp Mun Utilities Auth	31510	Ocean	22,765,514	408,611	2,273,220	—	1,857,732	4,539,563
Central Regional H S Dist	57100	Ocean	12,361,718	221,877	1,234,363	—	953,125	2,409,365
Dover Municipal Utilities Auth	31120	Ocean	8,052,718	144,536	804,093	—	844,859	1,793,488
Dover Twp Parking Authority	32300	Ocean	1,091,569	19,592	108,997	—	122,854	251,443
Eagleswood Township	50780	Ocean	594,771	10,675	59,390	—	48,203	118,268
Eagleswood Twp Bd Of Ed	50783	Ocean	441,929	7,932	44,128	—	30,374	82,434
Harvey Cedars Borough	22700	Ocean	2,098,872	37,672	209,580	—	142,476	389,728
Island Heights Boro Bd Of Ed	51603	Ocean	508,801	9,132	50,806	—	174,492	234,430
Island Heights Borough	51600	Ocean	811,337	14,562	81,015	—	52,824	148,401
Jackson Bd Fire District 2	34070	Ocean	450,747	8,090	45,009	—	156,325	209,424
Jackson Township	22550	Ocean	18,283,277	328,161	1,825,652	—	841,169	2,994,982
Jackson Township Bd Of Ed	22553	Ocean	46,374,151	832,355	4,630,629	—	1,448,322	6,911,306
Jackson Township M.U.A.	55690	Ocean	5,669,742	101,764	566,145	—	380,901	1,028,810
Jackson Twp Fire District 3	32060	Ocean	121,036	2,172	12,086	—	23,570	37,828
Lacey Municipal Util Authority	32180	Ocean	3,312,255	59,451	330,741	—	192,288	582,480
Lacey Township	23520	Ocean	12,942,893	232,308	1,292,395	—	1,209,908	2,734,611
Lacey Township Bd Of Ed	23523	Ocean	17,492,798	313,973	1,746,720	—	101,729	2,162,422
Lakehurst Borough	22560	Ocean	2,141,144	38,431	213,801	—	224,200	476,432
Lakehurst Borough Bd Of Ed	22563	Ocean	1,882,381	33,786	187,963	—	246,820	468,569
Lakewood Housing Authority	30760	Ocean	2,550,063	45,770	254,633	—	107,929	408,332
Lakewood Township	20090	Ocean	32,448,463	582,407	3,240,098	—	5,388,408	9,210,913
Lakewood Twp Bd Of Ed	20093	Ocean	26,230,389	470,801	2,619,201	—	8,847,089	11,937,091
Lakewood Twp Fire District 1	34560	Ocean	493,259	8,853	49,254	—	162,163	220,270
Lakewood Twp Mun Utilities Auth	32220	Ocean	4,520,526	81,138	451,391	—	1,035,167	1,567,696
Lavallette Borough	20100	Ocean	5,081,250	91,202	507,382	—	433,357	1,031,941
Lavallette Borough Bd Of Ed	20103	Ocean	387,339	6,952	38,677	—	19,659	65,288
Little Egg Harbor Mun Util Auth	32230	Ocean	3,023,391	54,266	301,897	—	196,268	552,431
Little Egg Harbor Township	23680	Ocean	9,635,991	172,953	962,189	—	1,025,560	2,160,702
Little Egg Harbor Twp Bd Of Ed	23683	Ocean	7,603,583	136,474	759,246	—	207,184	1,102,904
Long Beach Island Bd Of Ed	40350	Ocean	1,497,543	26,879	149,535	—	102,923	279,337
Long Beach Township	20120	Ocean	12,878,503	231,152	1,285,966	—	894,131	2,411,249
Manchester Township	51970	Ocean	18,905,205	339,324	1,887,754	—	1,943,328	4,170,406
Manchester Township Bd Of Ed	51973	Ocean	21,098,938	378,698	2,106,806	—	1,620,948	4,106,452
Mantoloking Borough	20010	Ocean	1,300,169	23,336	129,827	—	320,393	473,556
Ocean Co Bd Of Health	32760	Ocean	19,873,014	356,695	1,984,393	—	783,497	3,124,585
Ocean Co Board Of Soc Serv	10021	Ocean	62,315,854	1,118,488	6,222,467	—	6,577,492	13,918,447
Ocean Co Mosquito Comm	10022	Ocean	2,113,024	37,926	210,993	—	181,175	430,094
Ocean Co Soil Consvr District	32310	Ocean	1,364,596	24,493	136,260	—	206,340	367,093
Ocean Co Utilities Authority	31660	Ocean	44,750,626	803,215	4,468,514	—	2,585,814	7,857,543
Ocean County	10020	Ocean	214,804,124	3,855,453	21,448,981	—	3,643,057	28,947,491
Ocean County College	31670	Ocean	20,592,268	369,604	2,056,214	—	—	2,425,818
Ocean County Vocational School	10023	Ocean	10,158,870	182,338	1,014,401	—	575,198	1,771,937
Ocean Gate Bd Of Ed	21753	Ocean	163,197	2,929	16,296	—	6,585	25,810
Ocean Gate Borough	21750	Ocean	571,042	10,249	57,021	—	163,726	230,996
Ocean Township (Ocean)	52490	Ocean	4,801,074	86,173	479,405	—	19,238	584,816
Ocean Twp Bd Of Ed (Ocean)	52493	Ocean	2,995,994	53,774	299,161	—	57,586	410,521
Pine Beach Borough	52660	Ocean	1,185,412	21,277	118,368	—	64,382	204,027
Pinelands Reg School District	40510	Ocean	8,718,826	156,492	870,607	—	129,543	1,156,642
Plumstead Fire District # 1	47500	Ocean	137,375	2,466	13,717	—	11,968	28,151
Plumstead Municipal Utility Auth	51200	Ocean	166,272	2,984	16,603	—	24,344	43,931
Plumstead Township	52740	Ocean	1,345,331	24,147	134,336	—	95,020	253,503
Plumstead Twp Bd Of Ed	52743	Ocean	5,050,334	90,647	504,294	—	683,601	1,278,542
Point Pleasant Beach Bd Of Ed	20083	Ocean	3,677,977	66,015	367,259	—	186,141	619,415
Point Pleasant Beach Borough	20080	Ocean	7,219,523	129,581	720,896	—	164,262	1,014,739
Point Pleasant Boro Bd Of Ed	20993	Ocean	6,375,066	114,424	636,574	—	21,659	772,657
Point Pleasant Borough	20990	Ocean	11,195,089	200,937	1,117,871	—	1,010,897	2,329,705
Seaside Heights Bd Of Ed	20153	Ocean	1,336,995	23,997	133,504	—	205,636	363,137
Seaside Heights Borough	20150	Ocean	6,164,039	110,636	615,502	—	208,235	934,373
Seaside Park Bd Of Ed	21403	Ocean	139,987	2,513	13,978	—	4,158	20,649
Seaside Park Borough	21400	Ocean	3,088,670	55,438	308,415	—	37,770	401,623
Ship Bottom Borough	53030	Ocean	2,387,866	42,859	238,437	—	318,463	599,759
South Toms River Borough	53140	Ocean	1,248,635	22,411	124,681	—	249,127	396,219
South Toms River Sewerage Auth	34500	Ocean	173,756	3,119	17,350	—	29,341	49,810
Southern Regional H S District	40330	Ocean	16,803,832	301,607	1,677,924	—	54,521	2,034,052
Stafford Township	22920	Ocean	27,232,116	488,781	2,719,227	—	942,446	4,150,454

Deferred inflows of resources					Pension expense			
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
18,228	1,432,250	65,136	141,268	1,656,882	191,306	—	17,011	208,317
5,676	445,948	20,281	14,673	486,578	59,565	188	34,809	94,562
6,078	477,524	21,717	77,281	582,600	63,783	—	23,780	87,563
43,441	3,413,278	155,230	645,257	4,257,206	455,913	—	(93,095)	362,818
55,943	4,395,594	199,904	319,148	4,970,589	587,121	—	(212,801)	374,320
2,978	233,975	10,641	112,565	360,159	31,252	—	13,363	44,615
5,907	464,157	21,109	566,513	1,057,686	61,998	—	(15,084)	46,914
23,408	1,839,215	83,644	378,880	2,325,147	245,665	18,040	127,455	391,160
1,371	107,722	4,899	16,535	130,527	14,389	—	18,432	32,821
1,896	148,969	6,775	14,818	172,458	19,898	—	9,121	29,019
20,227	1,589,282	72,278	691,873	2,373,660	212,281	5,517	(38,075)	179,723
3,182	250,004	11,370	12,474	277,030	33,393	—	28,922	62,315
87,253	6,855,643	311,783	372,714	7,627,393	915,711	28,958	269,695	1,214,364
47,308	3,717,111	169,048	280,002	4,213,469	496,496	—	212,573	709,069
3,880	304,888	13,866	9,641	332,275	40,724	—	29,846	70,570
12,828	1,007,932	45,839	53,245	1,119,844	134,630	552	68,524	203,706
5,042	396,131	18,015	2,615	421,803	52,911	—	41,625	94,536
206,746	16,244,435	738,770	—	17,189,951	2,169,775	—	2,161,246	4,331,021
314	24,645	1,121	1,111	27,191	3,292	—	904	4,196
185,863	14,603,639	664,149	939,535	16,393,186	1,950,614	3,409	(307,909)	1,646,114
78	6,166	280	3,677	10,201	824	—	(7,285)	(6,461)
4,057	318,769	14,497	370,000	707,323	42,578	—	(98,622)	(56,044)
5,185	407,376	18,527	4,295	435,383	54,413	—	15,203	69,616
100,568	7,901,838	359,362	74,199	8,435,967	1,055,451	18,478	523,514	1,597,443
54,609	4,290,713	195,135	—	4,540,457	573,112	—	381,755	954,867
35,573	2,795,073	127,115	17,255	2,975,016	373,339	—	300,593	673,932
4,822	378,880	17,231	105,213	506,146	50,607	—	59,585	110,192
2,627	206,443	9,389	156,940	375,399	27,575	763	(43,494)	(15,156)
1,952	153,392	6,976	66,353	228,673	20,489	—	(10,830)	9,659
9,272	728,512	33,132	246,072	1,016,988	97,308	—	3,324	100,632
2,248	176,603	8,032	11,044	197,927	23,589	(5,623)	44,303	62,269
3,584	281,612	12,807	123,380	421,383	37,615	831	(65,399)	(26,953)
1,991	156,453	7,115	23,118	188,677	20,897	—	22,611	43,508
80,767	6,346,067	288,609	35,211	6,750,654	847,647	9,392	283,288	1,140,327
204,861	16,096,321	732,034	221,858	17,255,074	2,149,992	130,520	236,978	2,517,490
25,046	1,967,950	89,499	193,183	2,275,678	262,860	—	68,969	331,829
535	42,011	1,911	28,087	70,544	5,611	—	(24,229)	(18,618)
14,632	1,149,673	52,285	40,156	1,256,746	153,562	—	35,208	188,770
57,176	4,492,437	204,309	704,536	5,458,458	600,057	6,885	414,404	1,021,346
77,275	6,071,695	276,131	899,408	7,324,509	810,999	—	(220,205)	590,794
9,459	743,184	33,799	304,559	1,091,001	99,267	—	(1,154)	98,113
8,316	653,368	29,714	227,397	918,795	87,271	—	39,230	126,501
11,265	885,119	40,254	—	936,638	118,226	—	69,192	187,418
143,343	11,262,759	512,212	44,948	11,963,262	1,504,371	—	1,545,808	3,050,179
115,874	9,104,485	414,057	53,219	9,687,635	1,216,089	7,047	2,663,692	3,866,828
2,179	171,209	7,786	24,038	205,212	22,868	—	9,628	32,696
19,970	1,569,060	71,358	389,731	2,050,119	209,580	—	312,664	522,244
22,447	1,763,686	80,210	439,427	2,305,770	235,576	—	(16,678)	218,898
1,711	134,444	6,114	67,448	209,717	17,958	—	(28,521)	(10,563)
13,356	1,049,409	47,725	431,689	1,542,179	140,170	—	20,165	160,335
42,568	3,344,622	152,108	254,344	3,793,642	446,742	3,278	281,121	731,141
33,589	2,639,180	120,026	660,402	3,453,197	352,516	—	(48,624)	303,892
6,615	519,792	23,639	104,962	655,008	69,429	—	(48,003)	21,426
56,892	4,470,088	203,292	395,785	5,126,057	597,071	2,231	378,682	977,984
83,515	6,561,937	298,426	38,321	6,982,199	876,480	—	840,501	1,716,981
93,206	7,323,375	333,055	129,289	7,878,925	978,186	—	715,736	1,693,922
5,744	451,284	20,524	349,614	827,166	60,278	1,300	(206)	61,372
87,790	6,897,860	313,703	3,645,376	10,944,729	921,350	—	(919,332)	2,018
275,284	21,629,635	983,680	3,069,344	25,957,943	2,889,079	—	1,208,364	4,097,443
9,334	733,424	33,355	447,021	1,223,134	97,964	669	(85,034)	13,599
6,028	473,647	21,541	482,712	983,928	63,265	—	13,840	77,105
197,689	15,532,801	706,406	190,686	16,627,582	2,074,722	—	1,001,164	3,075,886
948,910	74,557,831	3,390,767	2,314,910	81,212,418	9,958,718	72,364	317,201	10,348,283
90,968	7,147,511	325,057	2,751,654	10,315,190	954,696	73,855	(1,019,681)	8,870
44,877	3,526,112	160,362	—	3,731,351	470,984	—	237,741	708,725
721	56,645	2,576	220,694	280,636	7,566	—	(66,140)	(58,574)
2,523	198,207	9,014	364,389	574,133	26,475	—	(52,062)	(25,587)
21,209	1,666,437	75,787	555,749	2,319,182	222,587	5,422	(139,713)	88,296
13,235	1,039,900	47,293	310,440	1,410,868	138,900	—	(33,393)	105,507
5,237	411,453	18,712	65,714	501,116	54,958	—	14,371	69,329
38,516	3,026,277	137,630	690,117	3,892,540	404,221	10,814	(88,373)	326,662
607	47,682	2,169	1,665	52,123	6,369	—	6,758	13,127
735	57,713	2,625	64,251	125,324	7,709	—	(104,887)	(97,178)
5,943	466,960	21,237	20,129	514,269	62,372	—	6,952	69,324
22,310	1,752,955	79,721	20,513	1,875,499	234,143	—	158,946	393,089
16,248	1,276,614	58,058	325,684	1,676,604	170,518	—	(54,574)	115,944
31,893	2,505,874	113,963	215,833	2,867,563	334,710	—	70,017	404,727
28,162	2,212,765	100,633	518,014	2,859,574	295,560	—	(174,441)	121,119
49,455	3,885,780	176,719	179,465	4,291,419	519,025	—	295,838	814,863
5,906	464,067	21,105	189,892	680,970	61,986	—	16,152	78,138
27,230	2,139,518	97,302	792,978	3,057,028	285,776	—	(210,016)	75,760
618	48,589	2,210	3,144	54,561	6,490	—	(1,395)	5,095
13,644	1,072,067	48,756	650,609	1,785,076	143,196	—	(154,067)	(10,871)
10,549	828,821	37,693	329,744	1,206,807	110,706	—	46,704	157,410
5,516	433,397	19,710	98,729	557,352	57,889	—	23,826	81,715
768	60,310	2,743	2,283	66,104	8,056	—	17,348	25,404
74,232	5,832,557	265,255	719,842	6,891,886	779,057	—	(153,632)	625,425
120,299	9,452,181	429,870	172,324	10,174,674	1,282,531	27,566	344,554	1,634,651

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Stafford Township Bd Of Ed	22923	Ocean	\$ 12,857,682	230,779	1,283,887	—	496,660	2,011,326
Surf City Borough	22140	Ocean	2,631,569	47,233	262,772	—	414,712	724,717
Toms River Fire District # 2	32440	Ocean	512,525	9,199	51,177	—	25,012	85,388
Toms River School Dist	40340	Ocean	67,617,356	1,213,643	6,751,841	—	486,426	8,451,910
Toms River Township	22690	Ocean	56,871,531	1,020,770	5,678,831	—	2,347,415	9,047,016
Toms River Twp Fire District 1	32770	Ocean	3,775,061	67,757	376,954	—	269,739	714,450
Tuckerton Boro Bd Of Ed	53333	Ocean	1,155,070	20,732	115,338	—	202,122	338,192
Tuckerton Borough	53330	Ocean	2,566,124	46,059	256,237	—	430,238	732,534
Bloomingdale Bd Of Ed	22733	Passaic	1,587,051	28,485	158,473	—	189,460	376,418
Bloomingdale Borough	22730	Passaic	6,968,244	125,071	695,805	—	295,075	1,115,951
Classical Acad. Charter School	35900	Passaic	81,136	1,456	8,102	—	27,179	36,737
Clifton City	20800	Passaic	36,052,621	647,097	3,599,987	—	824,539	5,071,623
Clifton City Bd Of Ed	20803	Passaic	30,212,568	542,276	3,016,836	—	212,158	3,771,270
College Achieve Paterson C/S	57000	Passaic	569,245	10,217	56,841	—	578,256	645,314
Community Ch School Of Paterson	48700	Passaic	4,428,239	79,481	442,176	—	2,262,268	2,783,925
Haledon Borough	51290	Passaic	3,721,453	66,795	371,601	—	110,859	549,255
Haledon Borough Bd Of Ed	51293	Passaic	2,798,397	50,228	279,430	—	285,023	614,681
Hawthorne Bd Of Ed	22113	Passaic	9,158,773	164,388	914,537	—	387,044	1,465,969
Hawthorne Borough	22110	Passaic	9,339,550	167,633	932,588	—	655,013	1,755,234
John P Holland Charter School	50700	Passaic	2,074,828	37,240	207,179	—	1,337,297	1,581,716
Lakeland Regional H S Dist	40370	Passaic	6,827,850	122,551	681,786	—	696,801	1,501,138
Little Falls Bd Of Ed	22933	Passaic	2,732,711	49,049	272,871	—	90,813	412,733
Little Falls Twp	22930	Passaic	5,488,021	98,503	547,999	—	427,156	1,073,658
Manchester Utilities Authority	47900	Passaic	22,822	410	2,279	—	22	2,711
North Haledon Boro Bd Of Ed	23133	Passaic	952,879	17,103	95,148	—	179,194	291,445
North Haledon Borough	23130	Passaic	5,207,307	93,464	519,969	—	688,197	1,301,630
Passaic Arts & Science Chtr Sch	51100	Passaic	5,152,439	92,480	514,490	—	2,709,103	3,316,073
Passaic Board Of Education	20833	Passaic	78,463,692	1,408,321	7,834,888	—	1,888,917	11,112,126
Passaic City	20830	Passaic	27,288,356	489,790	2,724,843	—	503,784	3,718,417
Passaic City Housing Authority	30460	Passaic	4,167,642	74,804	416,154	—	208,068	699,026
Passaic Co Bd Of Social Service	60031	Passaic	91,933,224	1,650,081	9,179,870	—	2,728,413	13,558,364
Passaic Co Manchester Reg High	57240	Passaic	3,213,837	57,684	320,913	—	43,249	421,846
Passaic Co Regional Hs Dist 1	40360	Passaic	4,867,631	87,368	486,051	—	225,934	799,353
Passaic Co Vocational School	30870	Passaic	19,774,003	354,917	1,974,507	—	629,306	2,958,730
Passaic Co. Ed Serv Commision	34890	Passaic	4,256,799	76,404	425,057	—	1,057,740	1,559,201
Passaic County	60030	Passaic	188,590,110	3,384,946	18,831,415	—	2,686,121	24,902,482
Passaic County Community Colleg	31550	Passaic	17,430,131	312,848	1,740,463	—	418,964	2,472,275
Passaic County Improvement Auth	47000	Passaic	244,944	4,396	24,459	—	4,361	33,216
Paterson Bd Of Ed	21913	Passaic	123,718,914	2,220,593	12,353,788	—	3,156,151	17,730,532
Paterson Chart Sch-Science/Tech	42400	Passaic	4,669,516	83,812	466,268	—	987,197	1,537,277
Paterson City	21910	Passaic	67,147,177	1,205,204	6,704,892	—	4,657,683	12,567,679
Paterson Housing Authority	30510	Passaic	5,642,327	101,272	563,407	—	21,353	686,032
Paterson Parking Authority	30770	Passaic	2,901,725	52,062	289,748	—	76,444	418,274
Pompton Lakes Bd Of Ed	21393	Passaic	7,594,451	136,310	758,334	—	131,123	1,025,767
Pompton Lakes Borough	21390	Passaic	5,576,919	100,134	557,076	—	173,769	1,330,979
Pompton Lakes Mun Util Auth	30920	Passaic	2,492,731	44,741	248,908	—	173,685	467,334
Prospect Park Bd Of Ed	52773	Passaic	2,203,403	39,548	220,018	—	118,091	377,657
Prospect Park Borough	52770	Passaic	1,242,263	22,297	124,044	—	202,378	348,719
Ringwood Boro Bd Of Ed	22723	Passaic	5,894,940	105,806	588,631	—	73,096	767,533
Ringwood Borough	22720	Passaic	7,529,283	135,141	751,827	—	253,481	1,140,449
Totowa Borough	21940	Passaic	9,207,973	165,271	919,450	—	206,877	1,291,598
Totowa Borough Bd Of Ed	21943	Passaic	4,375,964	78,543	436,956	—	373,986	889,485
Towaco Fire District 2	56430	Passaic	—	—	—	—	1	1
Wanaque Bd Of Ed	53513	Passaic	3,439,423	61,733	343,439	—	672,686	1,077,858
Wanaque Borough	53510	Passaic	4,862,851	87,282	485,574	—	110,133	682,989
Wanaque Valley Reg Sew Auth	34360	Passaic	1,838,701	33,002	183,601	—	68,771	285,374
Wayne Board Of Education	22453	Passaic	45,632,651	819,046	4,556,588	—	3,294,444	8,670,078
Wayne Township	22450	Passaic	43,790,004	785,973	4,372,593	—	365,671	5,524,237
West Milford Township	22710	Passaic	16,268,486	291,998	1,624,468	—	186,638	2,103,104
West Milford Township Bd Of Ed	22713	Passaic	21,559,725	386,969	2,152,818	—	266,153	2,805,940
West Milford Twp Mun Util Auth	55660	Passaic	198,282	3,559	19,799	—	15,926	39,284
West Paterson Borough	23340	Passaic	7,557,755	135,652	754,670	—	1,062,157	1,952,479
Woodland Park Bd Of Ed	23343	Passaic	3,379,350	60,655	337,440	—	168,755	566,850
Alloway Township	50060	Salem	649,899	11,665	64,895	—	154,824	231,384
Alloway Twp Bd Of Ed	50063	Salem	947,322	17,003	94,594	—	78,868	190,465
Carneys Point Township	22940	Salem	2,664,375	47,822	266,048	—	40,431	354,301
Carneys Pt Twp Sewerage Auth	55720	Salem	940,172	16,875	93,880	—	122,946	233,701
Elmer Borough	50900	Salem	385,357	6,917	38,479	—	38,649	84,045
Elsinboro Township	50910	Salem	67,613	1,214	6,751	—	7,617	15,582
Elsinboro Township Bd Of Ed	50913	Salem	307,074	5,512	30,662	—	70,142	106,316
Lower Alloways Creek Bd Of Ed	23673	Salem	488,369	8,766	48,765	—	7,819	65,350
Lower Alloways Creek Township	23670	Salem	2,086,220	37,445	208,317	—	58,041	303,803
Mannington Township	51980	Salem	322,930	5,796	32,246	—	106,581	144,623
Mannington Township Bd Of Ed	51983	Salem	491,055	8,814	49,034	—	—	57,848
Oldmans Township	52510	Salem	551,555	9,900	55,075	—	227,313	292,288
Oldmans Twp Bd Of Ed	52513	Salem	1,081,159	19,405	107,958	—	127,422	254,785
Penns Grove Borough	52620	Salem	759,877	13,639	75,876	—	197,369	286,884
Penns Grove Carneys Point Reg	57490	Salem	10,017,568	179,802	1,000,291	—	161,552	1,341,645
Penns Grove Housing Authority	31570	Salem	807,113	14,487	80,593	—	86,226	181,306
Penns Grove Sewerage Authority	55230	Salem	745,298	13,377	74,421	—	137,900	225,698
Pennnsville Sewerage Authority	30780	Salem	1,514,956	27,191	151,274	—	159,829	338,294
Pennsville Township	22530	Salem	7,646,578	137,246	763,539	—	163,467	1,064,252
Pennsville Twp Bd Of Ed	22533	Salem	5,993,451	107,575	598,468	—	322,586	1,028,629
Pilesgrove Township	52650	Salem	1,038,312	18,636	103,679	—	43,274	165,589
Pittsgrove Township	23460	Salem	1,427,170	25,616	142,508	—	67,002	235,126
Pittsgrove Twp Bd Of Ed	23463	Salem	5,719,016	102,649	571,065	—	—	673,714
Quinton Township	52780	Salem	351,032	6,301	35,052	—	14,273	55,626
Quinton Township Bd Of Ed	52783	Salem	726,644	13,042	72,558	—	26,878	112,478

Deferred inflows of resources					Pension expense			
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
56,800	4,462,861	202,964	1,559,638	6,282,263	596,106	—	(263,178)	332,928
11,625	913,409	41,540	101,099	1,067,673	122,004	—	111,313	233,317
2,264	177,896	8,090	181	188,431	23,762	—	10,697	34,459
298,704	23,469,770	1,067,366	4,065,905	28,901,745	3,134,866	—	(1,140,682)	1,994,184
251,233	19,739,928	897,739	262,401	21,151,301	2,636,670	2,872	1,336,797	3,976,339
16,677	1,310,312	59,591	225,817	1,612,397	175,019	—	98,940	273,959
5,103	400,921	18,233	196,589	620,846	53,551	—	42,124	95,675
11,336	890,693	40,507	93,954	1,036,490	118,970	—	55,865	174,835
7,011	550,861	25,052	828,878	1,411,802	73,579	—	(312,331)	(238,752)
30,783	2,418,655	109,996	26,185	2,585,619	323,061	6,224	88,452	417,737
358	28,162	1,281	42,811	72,612	3,762	—	11,865	15,627
159,265	12,513,751	569,105	990,021	14,232,142	1,671,466	20,323	(259,315)	1,432,474
133,466	10,486,687	476,917	2,414,984	13,512,054	1,400,711	—	(591,196)	809,515
2,515	197,583	8,986	—	209,084	26,391	—	137,353	163,744
19,562	1,537,028	69,901	257,652	1,884,143	205,301	—	622,145	827,446
16,440	1,291,704	58,745	296,150	1,663,039	172,533	1,336	(44,030)	129,839
12,362	971,315	44,174	429,075	1,456,926	129,739	—	(7,774)	121,965
40,459	3,178,981	144,575	689,106	4,053,121	424,618	3,007	(448,582)	(20,957)
41,258	3,241,728	147,428	375,192	3,805,606	432,999	—	90,924	523,923
9,166	720,166	32,752	129,657	891,741	96,193	—	431,275	527,468
30,162	2,369,925	107,780	109,759	2,617,626	316,552	—	159,288	475,840
12,072	948,515	43,137	774,755	1,778,479	126,694	—	(248,389)	(121,695)
24,244	1,904,875	86,631	298,940	2,314,690	254,435	—	(5,253)	249,182
101	7,921	360	619	9,001	1,058	—	(157)	901
4,209	330,741	15,042	442,268	792,260	44,177	—	(134,023)	(89,846)
23,004	1,807,440	82,199	300,971	2,213,614	241,420	—	79,966	321,386
22,761	1,788,395	81,333	—	1,892,489	238,877	—	1,077,733	1,316,610
346,618	27,234,499	1,238,580	2,768,540	31,588,237	3,637,722	40	1,262,606	4,900,368
120,548	9,471,702	430,757	1,174,120	11,197,127	1,265,139	32,986	(411,299)	886,826
18,411	1,446,575	65,788	1,020,877	2,551,651	193,220	—	(170,122)	23,098
406,120	31,909,731	1,451,202	2,592,214	36,359,267	4,262,195	—	500,097	4,762,292
14,197	1,115,513	50,732	114,447	1,294,889	148,999	—	(120,609)	28,390
21,503	1,689,539	76,837	216,949	2,004,828	225,672	—	(14,169)	211,503
87,353	6,863,494	312,140	360,574	7,623,561	916,759	—	(88,326)	828,433
18,805	1,477,521	67,195	1,073,246	2,636,767	197,353	2,780	(43,542)	156,591
833,108	65,459,030	2,976,968	4,159,006	73,428,112	8,743,387	(2,832)	(998,878)	7,741,677
76,999	6,049,943	275,141	2,110,839	8,512,922	808,093	—	(757,261)	50,832
1,082	85,019	3,867	108	90,076	11,356	—	1,592	12,948
546,536	42,942,443	1,852,951	9,162,719	54,604,649	5,735,838	—	(329,514)	5,406,324
20,628	1,620,774	73,710	875,481	2,590,593	216,487	2,957	20,262	239,706
296,627	23,306,573	1,059,944	1,309,362	25,972,506	3,113,068	—	1,122,899	4,235,967
24,925	1,958,434	89,066	1,575,480	3,647,905	261,589	1,319	(500,832)	(237,924)
12,819	1,007,179	45,805	574,415	1,640,218	134,529	—	(117,809)	16,720
33,549	2,636,010	119,881	397,360	3,186,800	352,093	—	(90,252)	261,841
24,645	1,936,425	88,065	685,598	2,734,733	258,649	—	(12,143)	246,506
11,012	865,219	39,349	87,828	1,003,408	115,568	—	18,526	134,094
9,734	764,794	34,782	185,891	995,201	102,154	—	(46,937)	55,217
5,488	431,185	19,610	136,086	592,369	57,594	—	(8,319)	49,275
26,041	2,046,115	93,054	2,329,655	4,494,865	273,300	132	(551,749)	(278,317)
33,261	2,613,390	118,853	370,037	3,135,541	349,072	16,076	134,760	499,908
40,677	3,196,058	145,351	258,444	3,640,530	426,899	—	(23,442)	403,457
19,331	1,518,883	69,076	151,779	1,759,069	202,878	—	(16,421)	186,457
—	—	—	1,101	—	—	—	(2,501)	(2,501)
15,194	1,193,813	54,293	424,453	1,687,753	159,458	316	24,007	183,781
21,482	1,687,880	76,762	544,248	2,330,372	225,451	—	(94,265)	131,186
8,123	638,207	29,025	68,039	743,394	85,246	—	3,725	88,971
201,585	15,838,949	720,329	1,508,427	18,269,290	2,115,614	7,836	702,191	2,825,641
193,445	15,199,372	691,242	997,792	17,081,851	2,030,186	9,256	(606,078)	1,433,364
71,867	5,646,740	256,804	356,463	6,331,874	754,237	33,764	(143,846)	644,155
95,241	7,483,312	340,329	1,508,601	9,427,483	999,549	—	(414,852)	584,697
876	68,823	3,130	52,006	124,835	9,193	—	1,586	10,779
33,387	2,623,273	119,302	285,266	3,061,228	350,392	7,860	361,163	719,415
14,928	1,172,962	53,344	358,021	1,599,255	156,673	5,560	(115,375)	46,858
2,871	225,578	10,259	139,123	377,831	30,131	—	2,081	32,212
4,185	328,812	14,954	330,982	678,933	43,920	—	(68,009)	(24,089)
11,770	924,796	42,058	414,406	1,393,030	123,525	271	(142,041)	(18,245)
4,153	326,331	14,841	17,557	362,882	43,588	—	53,769	97,357
1,702	133,756	6,083	259,592	401,133	17,866	—	(59,476)	(41,610)
299	23,468	1,067	44,501	69,335	3,135	—	(13,521)	(10,386)
1,357	106,584	4,847	1,549	114,337	14,237	—	24,036	38,273
2,157	169,511	7,709	28,704	208,081	22,642	678	(12,623)	10,697
9,216	724,120	32,932	443,965	1,210,233	96,721	—	(128,114)	(31,393)
1,427	112,088	5,098	181,572	300,185	14,972	—	(52,657)	(37,685)
2,169	170,444	7,751	221,959	402,323	22,766	—	(75,749)	(52,983)
2,437	191,443	8,707	38,026	240,613	25,571	—	30,205	55,776
4,776	375,267	17,067	152,052	549,162	50,125	—	9,197	59,322
3,357	263,751	11,995	414,272	693,375	35,229	—	(89,951)	(54,722)
44,253	3,477,066	158,131	1,208,903	4,888,353	464,433	—	(210,695)	253,738
3,565	280,146	12,741	24,243	320,695	37,419	—	4,349	41,768
3,292	258,691	11,765	87,954	361,702	34,553	—	6,216	40,769
6,692	525,836	23,914	152,520	708,962	70,236	—	26,878	97,114
33,779	2,654,103	120,704	709,218	3,517,804	354,510	—	(168,470)	186,040
26,476	2,080,308	94,609	34,748	2,236,141	277,867	—	117,736	395,603
4,587	360,395	16,390	140,954	522,326	48,138	—	(14,088)	34,050
6,305	495,366	22,528	530,763	1,054,962	66,166	—	(151,906)	(85,740)
25,264	1,985,052	90,277	1,037,246	3,137,839	265,144	2,010	(451,729)	(184,575)
1,551	121,842	5,541	48,889	177,823	16,274	—	(4,092)	12,182
3,210	252,216	11,470	121,443	388,339	33,689	—	(38,913)	(5,224)



STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Deferred outflows of resources				
				Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Salem City	21760	Salem	\$ 3,689,110	66,215	368,371	—	175,757	610,343
Salem City Bd Of Ed	21763	Salem	5,803,560	104,166	579,507	—	88,804	772,477
Salem City Housing Authority	56160	Salem	204,024	3,662	20,373	—	11,957	35,992
Salem City Municipal Port Auth	34380	Salem	71,299	1,280	7,119	—	530	8,929
Salem Co Bd Of Social Services	10151	Salem	11,059,882	198,510	1,104,370	—	351,848	1,654,728
Salem Co Improvement Authority	32800	Salem	1,612,281	28,938	160,992	—	185,219	375,149
Salem Co Sp Services Sch Dist	34790	Salem	7,458,688	133,874	744,777	—	1,316,586	2,195,237
Salem Co Vocational Tech School	10153	Salem	3,200,426	57,443	319,574	—	357,823	734,840
Salem Community College	31860	Salem	2,169,375	38,937	216,620	—	225,099	480,656
Salem County	10150	Salem	32,162,284	577,271	3,211,522	—	1,068,486	4,857,279
Upper Pittsgrove Township	23140	Salem	796,758	14,301	79,559	—	79,014	172,874
Upper Pittsgrove Twp Bd Of Ed	23143	Salem	1,227,925	22,040	122,613	—	152,590	297,243
Woodstown Borough	53830	Salem	1,597,629	28,675	159,529	—	142,065	330,269
Woodstown-Pilesgrove Reg Sch	40380	Salem	4,915,145	88,220	490,795	—	44,730	623,745
Bedminster & Far Hills Pub Lib	34020	Somerset	873,059	15,670	87,178	—	49,932	152,780
Bedminster Township	23200	Somerset	4,400,323	78,980	439,388	—	522,500	1,040,868
Bedminster Twp Bd Of Ed	23203	Somerset	2,211,332	39,691	220,810	—	194,449	454,950
Bernards Township	22170	Somerset	19,391,351	348,049	1,936,298	—	476,158	2,760,505
Bernards Twp Bd Of Ed	22173	Somerset	21,171,053	379,993	2,114,007	—	709,148	3,203,148
Bernards Twp Sewerage Authority	30930	Somerset	2,047,838	36,756	204,484	—	153,375	394,615
Bernardsville Boro	21310	Somerset	8,110,069	145,565	809,820	—	625,501	1,580,886
Bound Brook Boro Bd Of Ed	22543	Somerset	4,256,669	76,402	425,044	—	355,048	856,494
Bound Brook Borough	22540	Somerset	3,620,756	64,988	361,546	—	547,725	974,259
Branchburg Township	22950	Somerset	11,042,432	198,197	1,102,627	—	538,173	1,838,997
Branchburg Twp Bd Of Ed	22953	Somerset	6,654,279	119,436	664,454	—	516,447	1,300,337
Bridgewater Twp	22830	Somerset	18,607,671	333,983	1,858,044	—	367,461	2,559,488
Bridgewater-Raritan Reg Sch Dis	40170	Somerset	28,428,421	510,253	2,838,682	—	2,322,140	5,671,075
Central Jersey Coll Prep Chtr	46600	Somerset	2,787,801	50,037	278,372	—	1,201,557	1,529,966
Far Hills Borough	50990	Somerset	430,963	7,735	43,033	—	137,022	187,790
Franklin Township (Somerset)	22330	Somerset	26,180,411	469,904	2,614,210	—	2,273,192	5,357,306
Franklin Twp Bd Of Ed (Somerset)	22333	Somerset	40,746,829	731,352	4,068,721	—	1,742,791	6,542,864
Franklin Twp Housing Authority	31030	Somerset	284,901	5,114	28,448	—	138,221	171,783
Franklin Twp Sewerage Auth	30790	Somerset	3,373,329	60,547	336,839	—	380,328	777,714
Green Brook Bd Of Ed	22843	Somerset	4,694,708	84,264	468,784	—	460,532	1,013,580
Green Brook Township	22840	Somerset	2,629,624	47,198	262,578	—	151,867	461,643
Hillsborough Township	22960	Somerset	17,234,480	309,336	1,720,926	—	962,001	2,992,263
Hillsborough Twp Bd Of Ed	22963	Somerset	26,645,458	478,251	2,660,647	—	1,399,384	4,538,282
Hillsborough Twp Mua	32050	Somerset	2,019,200	36,242	201,625	—	88,117	325,984
Manville Borough	21700	Somerset	4,680,278	84,005	467,343	—	1,969	553,317
Manville Borough Bd Of Ed	21703	Somerset	4,683,094	84,055	467,624	—	9,597	561,276
Millstone Borough	52160	Somerset	87,989	1,579	8,786	—	2,333	12,698
Montgomery Township	22240	Somerset	16,498,592	296,128	1,647,445	—	810,945	2,754,518
Montgomery Twp Bd Of Ed	22243	Somerset	22,402,164	402,090	2,236,938	—	1,219,013	3,858,041
North Plainfield Bd Of Ed	21173	Somerset	12,310,999	220,966	1,229,298	—	251,619	1,701,883
North Plainfield Borough	21170	Somerset	7,750,331	139,108	773,899	—	1,153,370	2,066,377
Peapack & Gladstone Borough	22020	Somerset	2,434,788	43,701	243,123	—	11,823	298,647
Raritan Borough	22260	Somerset	3,480,250	62,466	347,516	—	167,373	577,355
Raritan Vall Community College	31170	Somerset	19,442,811	348,973	1,941,436	—	1,136,914	3,427,323
Rocky Hill Borough	52900	Somerset	194,170	3,485	19,389	—	12,438	35,312
Somerset Co Bd Of Social Svcs	10091	Somerset	19,726,859	354,071	1,969,799	—	341,685	2,665,555
Somerset Co Ed Cntrl Svcs Comm	32830	Somerset	5,419,963	97,281	541,203	—	—	638,484
Somerset Co Pk Commission	10098	Somerset	21,120,889	379,992	2,108,998	—	1,478,690	3,966,780
Somerset Co Vocational School	10093	Somerset	5,812,656	104,330	580,415	—	234,007	918,752
Somerset County_Finance Office	10090	Somerset	144,944,354	2,601,562	14,473,226	—	2,209,064	19,283,852
Somerset Hills Bd Of Ed	21313	Somerset	8,790,959	157,786	877,810	—	867,200	1,902,796
Somerset Raritan Vall Sew Auth	30630	Somerset	8,602,328	154,401	858,974	—	502,198	1,515,573
Somerset Reg Animal Shelter	31940	Somerset	551,314	9,895	55,051	—	545,064	610,010
Somerville Bd Of Ed	20713	Somerset	9,861,170	176,995	984,674	—	448,134	1,609,803
Somerville Borough	20710	Somerset	4,750,558	85,266	474,361	—	336,636	896,263
South Bound Brook Bd Of Ed	53113	Somerset	1,667,205	29,924	166,477	—	659,276	855,677
South Bound Brook Borough	53110	Somerset	1,640,623	29,447	163,822	—	127,428	320,697
Thomas Edison Energy - Smart Charter	52100	Somerset	1,899,923	34,101	189,714	—	888,951	1,112,766
Warren Township	53530	Somerset	9,199,026	165,110	918,557	—	395,401	1,479,068
Warren Township Bd Of Ed	23693	Somerset	10,540,226	189,183	1,052,480	—	500,073	1,741,736
Watchung Borough	22390	Somerset	4,041,679	72,543	403,576	—	266,346	742,465
Watchung Borough Bd Of Ed	22393	Somerset	2,439,289	43,782	243,572	—	49,655	337,009
Watchung Hills Regional H S	57210	Somerset	8,234,254	147,794	822,221	—	505,801	1,475,816
Andover Borough	50090	Sussex	197,930	3,553	19,764	—	4,107	27,424
Andover Regional Bd Of Ed	57080	Sussex	2,120,341	38,057	211,724	—	15,747	265,528
Andover Township	23640	Sussex	3,787,454	67,980	378,191	—	302,267	748,438
Branchville Borough	50380	Sussex	309,908	5,562	30,945	—	72,560	109,067
Byram Township	50450	Sussex	3,215,060	57,706	321,036	—	116,247	594,989
Byram Twp Bd Of Ed	50453	Sussex	2,481,506	44,540	247,787	—	240,079	432,406
Frankford Township	51050	Sussex	2,381,346	42,742	237,786	—	55,668	336,916
Frankford Township Bd Of Ed	51053	Sussex	2,372,491	42,583	236,902	—	49,760	329,245
Franklin Boro Bd Of Ed	21993	Sussex	1,416,222	25,419	141,415	—	16,068	182,902
Franklin Borough	21990	Sussex	2,672,822	47,974	266,891	—	246,963	561,828
Fredon Township	51120	Sussex	892,342	16,016	89,104	—	143,948	249,068
Fredon Township Bd Of Ed	51123	Sussex	1,076,379	19,320	107,480	—	215,517	342,317
Green Township	51210	Sussex	1,733,688	31,117	173,115	—	327,594	531,826
Green Township Bd Of Ed	51213	Sussex	1,740,209	31,234	173,766	—	144,735	349,735
Hamburg Borough	51300	Sussex	1,348,554	24,205	134,658	—	144,055	302,918
Hamburg Borough Bd Of Ed	51303	Sussex	970,866	17,426	96,945	—	64,404	178,775
Hampton Township	23610	Sussex	1,570,880	28,195	156,858	—	69,059	254,112
Hampton Township Bd Of Ed	23613	Sussex	1,081,362	19,409	107,978	—	41,842	169,229
Hardyston Township	51370	Sussex	5,463,773	98,068	545,578	—	139,484	783,130
Hardyston Township Bd Of Ed	51373	Sussex	1,904,480	34,183	190,169	—	140,059	364,411
High Point Reg High School	57340	Sussex	5,328,343	95,637	532,055	—	112,609	740,301

Deferred inflows of resources				Pension expense				
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
16,297	1,280,478	58,234	986,346	2,341,355	171,034	—	(231,949)	(60,915)
25,638	2,014,397	91,611	817,492	2,949,138	269,064	6,688	(146,585)	129,167
901	70,816	3,221	39,905	114,843	9,459	—	(76,638)	(67,179)
315	24,748	1,125	1,075	27,263	3,306	—	(175)	3,131
48,858	3,838,850	174,585	607,111	4,669,404	512,757	7,663	(103,231)	417,189
7,122	559,618	25,450	237,682	829,872	74,748	—	(25,477)	49,271
32,949	2,588,887	117,738	—	2,739,574	345,799	—	686,966	1,032,765
14,138	1,110,858	50,520	182,500	1,358,016	148,378	6,786	(71,960)	83,204
9,583	752,983	34,244	499,748	1,296,558	100,576	—	(405,374)	(304,798)
142,079	11,163,427	507,694	3,463,282	15,276,482	1,491,103	1,920	(412,910)	1,080,113
3,520	276,552	12,577	47,812	340,461	36,939	—	4,075	41,014
5,424	426,209	19,383	263,694	714,710	56,929	—	(27,353)	29,576
7,058	554,532	25,219	337,708	924,517	74,069	—	(53,438)	20,631
21,713	1,706,031	77,587	1,188,964	2,994,295	227,875	16,602	(297,508)	(53,031)
3,857	303,036	13,782	105,089	425,764	40,477	—	(22,729)	17,748
19,439	1,527,338	69,461	86,435	1,702,673	204,007	—	115,908	319,915
9,769	767,546	34,907	336,713	1,148,935	102,521	618	(37,417)	65,722
85,662	6,730,676	306,100	199,350	7,321,788	899,019	—	230,908	1,129,927
93,524	7,348,405	334,193	565,784	8,341,906	981,529	—	279,704	1,261,233
9,046	710,798	32,326	36,281	788,451	94,942	—	50,149	145,091
35,827	2,814,979	128,021	345,225	3,324,052	375,998	756	116,381	493,135
18,804	1,477,476	67,193	2,856,142	4,419,615	197,347	—	(392,281)	(194,934)
15,995	1,256,753	57,155	101,903	1,431,806	167,865	1,981	70,654	240,500
48,781	3,832,793	174,309	172,070	4,227,953	511,948	—	181,414	693,362
29,396	2,309,679	105,040	459,999	2,904,114	308,505	—	(29,270)	279,235
82,200	6,458,664	293,729	2,101,331	8,935,924	862,686	—	(458,451)	404,235
125,584	9,867,415	448,754	2,370,696	12,812,449	1,317,994	—	467,511	1,785,505
12,315	967,637	44,007	53,422	1,077,381	129,248	—	301,057	430,305
1,904	149,586	6,803	220,221	378,514	19,980	115	(20,298)	(203)
115,653	9,087,138	413,268	900,470	10,516,529	1,213,772	52,851	612,131	1,878,754
180,002	14,143,095	643,205	1,401,400	16,367,702	1,889,099	—	122,407	2,011,506
1,259	98,888	4,497	67,131	171,775	13,209	—	30,567	43,776
14,902	1,170,872	53,249	259,659	1,498,682	156,394	—	48,214	204,608
20,739	1,629,518	74,108	688,691	2,413,056	217,655	1,240	15,936	234,831
11,617	912,734	41,510	427,820	1,393,681	121,914	—	(28,169)	93,745
76,134	5,982,033	272,053	528,289	6,858,509	799,022	4,216	282,678	1,085,916
117,708	9,248,554	420,609	35,432	9,822,303	1,235,333	17,414	521,488	1,774,235
8,920	700,858	31,874	201,241	942,893	93,614	—	(47,696)	45,918
20,675	1,624,510	73,880	686,510	2,405,575	216,986	11,533	(397,159)	(168,640)
20,688	1,625,487	73,924	246,428	1,966,527	217,117	2,521	(93,544)	126,094
389	30,541	1,389	10,707	43,026	4,079	—	(2,372)	1,707
72,883	5,726,609	260,437	272,452	6,332,381	764,905	—	292,322	1,057,227
98,963	7,775,720	353,627	252,665	8,480,975	1,038,606	—	586,305	1,624,911
54,385	4,273,109	194,334	1,331,323	5,853,151	570,761	—	(189,259)	381,502
34,238	2,690,115	122,342	15,942	2,862,637	359,320	1,206	389,121	749,647
10,756	845,107	38,434	146,764	1,041,061	112,881	916	(44,459)	69,338
15,374	1,207,984	54,937	334,737	1,613,032	161,351	13,166	(22,143)	152,374
85,890	6,748,538	306,912	1,393,981	8,535,321	901,405	—	(80,615)	820,790
858	67,396	3,065	69,954	141,273	9,002	—	(11,098)	(2,096)
87,145	6,847,130	311,396	591,610	7,837,281	914,574	12,945	(107,026)	820,493
23,943	1,881,252	85,556	1,234,290	3,225,041	251,280	15,515	(552,161)	(285,366)
93,303	7,330,994	333,401	2,328,853	10,086,551	979,204	16,848	(136,469)	859,583
25,678	2,017,554	91,755	60,939	2,195,926	269,485	—	108,089	377,574
640,300	50,309,726	2,288,003	3,669,950	56,907,979	6,719,889	155,882	(1,002,045)	5,873,726
38,835	3,051,314	138,769	229,564	3,458,482	407,565	—	151,443	559,008
38,001	2,985,841	135,791	363,701	3,523,334	398,220	—	33,523	432,343
2,435	191,359	8,703	27,510	230,007	25,560	—	130,006	155,566
43,562	3,422,781	155,662	368,615	3,990,620	457,182	—	254,343	711,525
20,986	1,648,904	74,989	676,911	2,421,790	220,245	—	(215,832)	4,413
7,365	578,682	26,317	27,260	639,624	77,295	49	143,424	220,768
7,248	569,455	25,898	199,365	801,966	76,062	—	(60,218)	15,844
8,393	659,457	29,991	41,230	739,071	88,084	—	393,792	481,876
40,637	3,192,953	145,210	315,143	3,693,943	426,484	5,276	83,409	515,169
46,562	3,658,479	166,382	669,745	4,541,168	488,664	—	(11,765)	476,899
17,854	1,402,854	63,799	24,914	1,509,421	187,380	4,028	65,373	256,781
10,776	846,670	38,505	170,513	1,066,464	113,090	—	(85,779)	27,311
36,375	2,858,084	129,981	572,577	3,597,017	381,755	—	117,557	499,312
874	68,701	3,124	76,059	148,758	9,176	—	(18,675)	(9,499)
9,367	735,964	33,470	397,891	1,176,692	98,303	—	(83,816)	14,487
16,731	1,314,613	59,786	101,795	1,492,295	175,593	—	73,434	249,027
1,369	107,568	4,892	162,221	276,050	14,368	—	(31,444)	(17,076)
14,203	1,115,937	50,751	425,368	1,606,259	149,056	1,139	(51,906)	98,289
10,962	861,323	39,172	250,129	1,161,586	115,047	715	(61,051)	54,711
10,520	826,558	37,590	16,804	891,472	110,404	—	16,975	127,379
10,481	823,484	37,451	51,883	923,299	109,993	—	(703)	109,290
6,256	491,566	22,356	219,102	739,280	65,659	—	(107,156)	(41,497)
11,807	927,728	42,192	1,279,301	2,249,221	123,917	421	22,442	146,780
3,942	309,729	14,086	212,339	540,096	41,371	—	(45,568)	(4,197)
4,755	373,608	16,991	223,239	618,593	49,903	—	(65,988)	(16,085)
7,659	601,758	27,367	184,359	821,143	80,377	900	(1,940)	79,337
7,687	604,021	27,470	28,836	668,014	80,679	—	44,853	125,532
5,957	468,079	21,287	131,412	626,735	62,521	—	18,924	81,445
4,289	336,985	15,325	26,717	383,316	45,011	—	(37,114)	7,897
6,939	545,247	24,797	188,763	765,746	72,829	—	(38,859)	33,970
4,777	375,337	17,070	33,057	430,241	50,134	—	(27,942)	22,192
24,137	1,896,458	86,248	315,195	2,322,038	253,311	—	13,600	266,911
8,413	681,039	30,063	107,611	807,126	88,295	(821)	(83,125)	4,349
23,538	1,849,451	84,110	548,479	2,505,578	247,032	—	1,629	248,661

STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Deferred outflows of resources								
Employer	Employer number	County	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred outflows of resources
Hopatcong Board Of Education	51523	Sussex	\$ 9,708,994	174,264	969,479	—	631,331	1,775,074
Hopatcong Borough	51520	Sussex	8,288,956	148,776	827,683	—	427,756	1,404,215
Kittatiny Regional H S	57560	Sussex	4,164,882	74,754	415,879	—	104,932	595,565
Lafayette Board Of Education	51693	Sussex	697,599	12,521	69,658	—	65,895	148,074
Lafayette Township	51690	Sussex	1,058,355	18,996	105,681	—	68,988	193,665
Lenape Valley Reg H S Dist	57540	Sussex	2,848,023	51,118	284,386	—	241,424	576,928
Montague Bd Of Ed	52223	Sussex	672,165	12,064	67,118	—	35,670	114,852
Montague Township	52220	Sussex	826,786	14,840	82,558	—	36,535	133,933
Musconetcong Sewerage Authority	31400	Sussex	1,861,226	33,407	185,850	—	197,055	416,312
Newton Bd Of Ed	22063	Sussex	6,085,367	109,224	607,646	—	111,568	828,438
Newton Town	22060	Sussex	5,807,562	104,238	579,906	—	455,165	1,139,309
Newton Town Housing Authority	32250	Sussex	209,174	3,754	20,887	—	5,274	29,915
Ogdensburg Bd Of Ed	22013	Sussex	1,001,505	17,976	100,004	—	240,544	358,524
Ogdensburg Borough	22010	Sussex	608,016	10,913	60,713	—	8,750	80,376
Sandyston Township	52970	Sussex	772,362	13,863	77,123	—	67,357	158,343
Sandyston Walpack School Dist	57570	Sussex	735,480	13,201	73,440	—	93,115	179,756
Sparta Bd Of Ed	21933	Sussex	14,935,918	268,080	1,491,406	—	1,695,346	3,454,832
Sparta Township	21930	Sussex	12,139,651	217,891	1,212,189	—	369,476	1,799,556
Stanhope Borough	53190	Sussex	2,134,642	38,314	213,152	—	258,273	509,739
Stanhope Borough Bd Of Ed	53193	Sussex	1,086,438	19,500	108,485	—	416,680	544,665
Stillwater Township	53200	Sussex	1,143,770	20,529	114,210	—	87,729	222,468
Stillwater Township Bd Of Ed	53203	Sussex	940,783	16,886	93,941	—	10,951	121,778
Sussex Borough	53260	Sussex	662,885	11,898	66,191	—	205,777	283,866
Sussex Co Ed Serv Comm Bd Of Ed	32790	Sussex	1,584,440	28,439	158,212	—	380,806	567,457
Sussex Co Mun Utilities Auth	32750	Sussex	8,318,076	149,299	830,590	—	646,258	1,626,147
Sussex Co Soil Conservation	32510	Sussex	185,148	3,323	18,488	—	1,057	22,868
Sussex County	10050	Sussex	49,313,221	885,108	4,924,106	—	—	5,809,214
Sussex County Charter School	35460	Sussex	724,199	12,998	72,314	—	379,687	464,999
Sussex County Comm. College	34050	Sussex	6,625,159	118,913	661,546	—	83,120	863,579
Sussex County Vocational	10053	Sussex	3,900,581	70,010	389,487	—	28,428	487,925
Sussex-Wantage Reg Sch Dist	57550	Sussex	5,601,388	100,538	559,319	—	55,897	715,754
Unity Charter School	35580	Sussex	393,081	7,055	39,251	—	175,018	221,324
Vernon Township	53430	Sussex	8,791,515	157,796	877,865	—	409,326	1,444,987
Vernon Township Bd Of Ed	53433	Sussex	14,247,026	255,715	1,422,618	—	148,344	1,826,677
Walkkill Vall Reg H S	57580	Sussex	1,975,613	35,460	197,272	—	200,754	433,486
Walpack Township	53500	Sussex	34,214	614	3,416	—	65	4,095
Wantage Township	53520	Sussex	2,775,946	49,825	277,188	—	517,095	844,108
Barack Obama Green Charter H.S.	49000	Union	1,312,598	23,559	131,068	—	587,350	741,977
Berkeley Heights Bd Of Ed	21243	Union	12,986,461	233,090	1,296,746	—	1,198,005	2,727,841
Berkeley Heights Township	21240	Union	6,661,392	119,563	665,164	—	239,939	1,024,666
Central Jersey Arts Charter Sch	46100	Union	—	—	—	—	—	—
Clark Township	21540	Union	9,311,412	167,128	929,779	—	344,692	1,441,599
Clark Twp Bd Of Ed	21543	Union	5,295,500	95,047	528,775	—	4,041	627,863
College Achieve Central Charter School	55200	Union	3,410,322	61,211	340,533	—	3,072,776	3,474,520
Cranford Township	20750	Union	13,539,239	243,012	1,351,943	—	685,935	2,280,890
Cranford Twp Bd Of Ed	20753	Union	14,650,703	262,961	1,462,926	—	510,668	2,236,555
Cresthaven Academy Charter School	56500	Union	285,753	5,129	28,533	—	247,217	280,879
Elizabeth Bd Of Ed	21283	Union	169,087,745	3,034,904	16,884,032	—	10,604,263	30,523,199
Elizabeth City	21280	Union	89,924,565	1,614,028	8,979,298	—	5,564,131	16,157,457
Elizabeth City Housing Auth	30410	Union	7,484,214	134,332	747,326	—	82,251	963,909
Elizabeth City Parking Auth	30530	Union	2,503,809	44,940	250,014	—	152,615	447,569
Elizabeth Public Library	21284	Union	4,131,557	74,156	412,551	—	215,539	702,246
Fanwood Borough	22310	Union	3,644,744	65,418	363,941	—	16,017	445,376
Garwood Borough	20900	Union	2,887,572	51,828	288,335	—	446,878	787,041
Garwood Borough Bd Of Ed	20903	Union	1,341,644	24,081	133,968	—	161,342	319,391
Hillside Board Of Education	21083	Union	14,256,677	255,889	1,423,582	—	430,006	2,109,477
Hillside Public Library	21084	Union	900,215	16,158	89,890	—	173,354	279,402
Hillside Township	21080	Union	9,333,604	167,526	931,995	—	653,771	1,753,292
Kenilworth Borough	21640	Union	5,675,429	101,867	566,712	—	150,858	819,437
Kenilworth Borough Bd Of Ed	21643	Union	3,589,172	64,421	358,392	—	242,670	665,483
Linden City	20110	Union	38,898,014	698,168	3,884,110	—	1,337,292	5,919,570
Linden City Bd Of Ed	20113	Union	31,485,062	565,116	3,143,899	—	1,476,504	5,185,519
Linden City Housing Authority	31260	Union	3,809,961	68,384	380,439	—	345,220	794,043
Linden City Free Public Library	20114	Union	2,058,730	36,952	205,572	—	151,758	394,282
Linden Roselle Sewerage Auth	30270	Union	7,673,660	137,732	766,243	—	769,318	1,673,293
Mountainside Boro Bd Of Ed	21503	Union	2,210,387	39,674	220,715	—	189,858	450,247
Mountainside Borough	21500	Union	4,211,563	75,592	420,540	—	332,411	828,543
New Providence Bd Of Ed	20973	Union	9,847,684	176,753	983,327	—	578,169	1,738,249
New Providence Borough	20970	Union	8,222,380	147,581	821,035	—	421,805	1,380,421
Plainfield Bd Of Ed	20133	Union	43,323,419	777,599	4,326,003	—	1,874,702	6,978,704
Plainfield City	20130	Union	32,216,356	578,241	3,216,921	—	4,590,596	8,385,758
Plainfield Housing Authority	30590	Union	2,470,558	44,343	246,694	—	9,845	300,882
Plainfield Mun. Utilities Auth.	35240	Union	14,173,096	254,389	1,415,236	—	1,068,666	2,738,291
Queen City Academy Charter Sch	39200	Union	506,597	9,093	50,586	—	136,994	196,673
Rahway City	20840	Union	16,515,375	296,429	1,649,121	—	547,394	2,492,944
Rahway City Bd Of Ed	20843	Union	12,807,482	229,878	1,278,874	—	431,103	1,939,855
Rahway City Housing Authority	56070	Union	2,165,688	38,871	216,252	—	40,494	295,617
Rahway City Redevelopment Ag	41000	Union	57,073	1,024	5,699	—	2,884	9,607
Rahway Parking Authority	34980	Union	204,210	3,665	20,391	—	99	24,155
Rahway Public Library	20844	Union	1,738,041	31,196	173,550	—	17,623	222,369
Rahway Valley Sewerage Auth	30050	Union	10,783,169	193,544	1,076,739	—	790,359	2,060,642
Roselle Boro Bd Of Ed	21013	Union	11,103,025	199,285	1,108,678	—	1,016,166	2,324,129
Roselle Borough	21010	Union	10,372,916	186,180	1,035,774	—	1,034,341	2,256,295
Roselle Borough Library	21014	Union	585,639	10,511	58,478	—	183,066	252,055
Roselle Park Boro Bd Of Ed	20693	Union	6,838,501	122,742	682,849	—	82,908	888,499
Roselle Park Borough	20690	Union	5,588,736	100,311	558,056	—	281,124	939,491
Scotch Plains Fanwood Bd Of Ed	40140	Union	22,266,327	399,651	2,223,374	—	1,129,942	3,752,967
Scotch Plains Township	22570	Union	9,609,112	172,471	959,505	—	640,388	1,772,364

Deferred inflows of resources					Pension expense				
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense	
42,890	3,369,961	153,260	534,470	4,100,581	450,127	—	(12,154)	437,973	
36,617	2,877,070	130,844	465,697	3,510,228	384,291	5,845	(4,394)	385,742	
18,399	1,445,617	65,744	149,010	1,678,770	193,092	—	59,566	252,658	
3,082	242,134	11,012	159,144	415,372	32,342	—	(53,779)	(21,437)	
4,675	367,352	16,707	71,120	459,854	49,067	—	(10,657)	38,410	
12,581	988,540	44,957	163,989	1,210,067	132,040	1,061	3,416	136,517	
2,969	233,306	10,610	343,724	590,609	31,163	34	(72,861)	(41,664)	
3,652	286,975	13,051	93,771	397,449	38,331	—	(42,662)	(4,331)	
8,222	646,026	29,380	109,971	793,599	86,290	—	58,862	145,152	
26,882	2,112,212	96,060	322,162	2,557,316	282,129	2,540	(143,692)	140,977	
25,655	2,015,786	91,675	580,538	2,713,654	269,249	522	(136,179)	133,592	
924	72,604	3,302	116,022	192,852	9,698	—	(45,342)	(35,644)	
4,424	347,619	15,809	231,228	599,080	46,432	—	(8,882)	37,550	
2,686	211,040	9,598	24,274	247,598	28,189	239	(34,020)	(5,592)	
3,412	268,084	12,192	34,759	318,447	35,808	—	14,608	50,416	
3,249	255,283	11,610	89,127	359,269	34,098	—	(1,161)	32,937	
65,980	5,184,210	235,769	556,797	6,042,756	692,457	1,447	517,656	1,211,560	
53,628	4,213,634	191,629	722,172	5,181,063	562,817	2,490	(135,997)	429,310	
9,430	740,927	33,696	211,535	995,588	98,966	—	27,987	126,953	
4,799	377,099	17,150	220,473	619,521	50,369	—	58,634	109,003	
5,053	396,999	18,055	96,034	516,141	53,027	—	(3,420)	49,607	
4,156	326,543	14,851	141,358	486,908	43,616	433	(51,374)	(7,325)	
2,928	230,085	10,464	58,184	301,661	30,733	—	80,299	111,032	
6,999	549,954	25,011	127,054	709,018	73,458	—	62,479	135,937	
36,746	2,887,178	131,304	170,390	3,225,618	385,641	—	301,535	687,176	
818	64,264	2,923	194,338	262,343	8,584	—	(45,518)	(36,934)	
217,844	17,116,463	778,428	4,026,926	22,139,661	2,286,252	4,011	(2,525,301)	(235,038)	
3,199	251,367	11,432	265,841	531,839	33,575	—	57,793	91,368	
29,267	2,299,572	104,581	952,429	3,385,849	307,155	—	(301,795)	5,360	
17,231	1,353,879	61,572	840,680	2,273,362	180,838	—	(225,272)	(44,434)	
24,744	1,944,224	88,420	309,518	2,366,906	259,691	6,390	(114,348)	151,733	
1,736	136,437	6,205	48,230	192,608	18,224	—	1,312	19,536	
38,837	3,051,507	138,777	1,047,064	4,276,185	407,591	8,718	(170,004)	246,305	
62,937	4,945,098	224,895	842,728	6,075,658	660,519	20,011	(282,007)	398,523	
8,727	685,729	31,186	281,853	1,007,495	91,593	—	8,355	99,948	
151	11,876	540	8,465	21,032	1,586	—	(3,859)	(2,273)	
12,263	963,622	43,819	682,573	1,702,177	128,698	1,081	(99,689)	30,090	
5,798	455,599	20,720	31,575	513,682	60,855	—	175,792	236,647	
57,368	4,507,560	204,986	47,458	4,817,382	602,076	—	395,005	997,081	
29,427	2,312,148	105,153	890,555	3,337,283	308,835	739	(186,274)	123,300	
—	—	—	505,990	505,990	—	—	(276,271)	(276,271)	
41,134	3,231,962	146,984	—	3,420,080	431,694	—	157,677	589,371	
23,383	1,838,051	83,592	391,976	2,337,012	245,509	—	(206,450)	39,059	
15,065	1,183,712	53,833	—	1,252,610	158,109	—	787,325	945,434	
59,810	4,699,427	213,722	6,598	4,979,557	627,704	—	440,165	1,067,869	
64,720	5,085,213	231,267	383,906	5,765,106	679,234	16,679	105,167	801,100	
1,262	99,184	4,511	—	104,957	13,248	—	65,039	78,287	
746,955	58,689,821	2,669,116	6,112,168	68,218,060	7,839,221	—	706,075	8,545,296	
397,247	31,212,532	1,419,494	—	33,029,273	4,169,070	78,681	2,589,937	6,837,688	
33,062	2,597,747	118,141	513,429	3,262,379	346,982	—	(80,405)	266,577	
11,061	869,064	39,524	242,821	1,162,470	116,081	—	(35,140)	80,941	
18,251	1,434,051	65,218	131,097	1,648,617	191,547	—	(22,049)	169,498	
16,101	1,265,079	57,534	229,328	1,568,042	168,977	2,834	(65,715)	106,096	
12,756	1,002,267	45,581	602,359	1,662,963	133,873	417	(39,576)	94,714	
5,927	465,680	21,178	123,454	616,239	62,201	—	38,646	100,847	
62,980	4,948,447	225,407	387,072	5,623,546	660,966	—	123,834	784,800	
3,977	312,462	14,210	108,216	438,865	41,736	—	(9,705)	32,031	
41,232	3,239,664	147,335	832,778	4,261,009	432,723	1,091	(415,947)	17,867	
25,072	1,969,924	89,589	296,572	2,381,157	263,123	—	(47,635)	215,488	
15,855	1,245,790	56,656	324,534	1,642,835	166,401	20,563	7,301	194,265	
171,834	13,501,377	614,020	2,785,613	17,072,844	1,803,384	51,231	(611,100)	1,243,515	
139,087	10,928,365	497,004	306,674	11,871,130	1,459,706	17,673	689,265	2,166,644	
16,831	1,322,425	60,142	158,324	1,557,722	176,637	—	56,095	232,732	
9,095	714,579	32,498	300,233	1,066,405	95,447	—	(119,232)	(23,785)	
33,899	2,663,503	121,132	233,698	3,052,232	355,765	10,652	154,483	520,900	
9,765	767,218	34,892	314,599	1,126,474	102,478	—	(23,304)	79,174	
18,605	1,461,820	66,481	31,223	1,578,129	195,256	3,295	50,818	249,369	
43,503	3,418,100	155,450	128,464	3,745,517	456,557	—	220,431	676,988	
36,323	2,853,962	129,793	146,298	3,166,376	381,205	—	119,800	501,005	
191,384	15,037,422	683,877	280,178	16,192,861	2,008,554	—	573,824	2,582,378	
142,318	11,182,195	508,548	1,042,291	12,875,352	1,493,610	6,949	1,013,291	2,513,850	
10,914	857,523	38,999	524,162	1,431,598	114,540	—	(216,065)	(101,525)	
62,610	4,919,437	223,728	1,017,681	6,223,456	657,091	—	(32,941)	624,150	
2,238	175,838	7,997	248,558	434,631	23,487	—	(27,844)	(4,357)	
72,958	5,732,434	260,702	672,766	6,738,860	765,683	—	37,780	803,463	
56,576	4,445,436	202,171	366,346	5,070,531	593,779	—	51,049	644,828	
9,567	751,704	34,186	230,917	1,026,374	100,405	—	(45,729)	54,676	
252	19,810	901	47,835	68,798	2,646	—	(13,104)	(10,458)	
902	70,880	3,224	31,907	106,913	9,468	—	(18,283)	(8,815)	
7,678	603,269	27,436	306,189	944,572	80,579	7,823	(105,372)	(16,970)	
47,635	3,742,804	170,217	105,758	4,066,414	499,928	—	255,291	755,219	
49,048	3,853,825	175,266	197,200	4,275,339	514,757	15,720	251,233	781,710	
45,823	3,600,406	163,741	110,874	3,920,844	480,908	—	188,064	668,972	
2,587	203,273	9,245	163,022	378,127	27,151	—	(12,371)	14,780	
30,209	2,373,822	107,948	405,579	2,917,358	317,046	29,522	(113,859)	232,709	
24,689	1,939,833	88,220	191,807	2,244,549	259,104	543	(12,502)	247,145	
98,383	7,728,571	351,483	323,774	8,502,191	1,032,308	—	384,060	1,416,368	
42,449	3,335,292	151,684	1,237,736	4,767,161	445,496	—	(266,206)	179,290	

**STATE OF NEW JERSEY**  
**PUBLIC EMPLOYEES' RETIREMENT SYSTEM**  
Schedule of Pension Amounts by Employer and Nonemployer  
As of and for the year ended June 30, 2019

Employer	Employer number	County	Net pension liability	Differences between expected and actual experience	Changes of assumptions	Deferred outflows of resources		
						Net difference between projected and actual investment earnings on pension plan investments	Total deferred outflows of resources	
						Changes in proportion		
Springfield Township (Union)	20310	Union	\$ 11,455,408	205,610	1,143,865	—	842,303	2,191,778
Springfield Twp Bd Ed (Union)	20313	Union	8,869,130	159,189	885,615	—	86,873	1,131,677
Summit Board Of Education	20363	Union	19,406,615	348,323	1,937,822	—	1,050,180	3,336,325
Summit City	20360	Union	22,399,181	402,036	2,236,641	—	89,170	2,727,847
Summit Housing Authority	56800	Union	1,005,877	18,054	100,440	—	914,151	1,032,645
Union Co Bd Of Social Services	10101	Union	80,866,729	1,451,452	8,074,840	—	3,560,418	13,086,710
Union Co Educ Serv Commission	31440	Union	9,112,259	163,553	909,893	—	731,784	1,805,230
Union Co Utilities Authority	34420	Union	2,404,742	43,162	240,122	—	303,698	586,982
Union Co Vocational Schools	10103	Union	3,264,389	58,592	325,961	—	191,477	576,030
Union County	10100	Union	182,815,596	3,281,301	18,254,809	—	8,685,000	30,221,110
Union County College	34040	Union	22,431,710	402,620	2,239,889	—	119,737	2,762,246
Union County Improvement Authority	55000	Union	778,605	13,975	77,747	—	553,329	645,051
Union County Teams Charter Schli	45400	Union	2,188,566	39,282	218,536	—	721,222	979,040
Union Township (Union)	21250	Union	32,089,337	575,962	3,204,238	—	1,864,939	5,645,139
Union Township Library	21254	Union	2,684,604	48,185	268,068	—	603,348	919,601
Union Twp Bd Of Ed (Union)	21253	Union	36,939,573	663,017	3,688,552	—	2,393,655	6,745,224
Westfield Town	20410	Union	18,834,294	338,051	1,880,673	—	486,066	2,704,790
Westfield Town Bd Of Ed	20413	Union	22,436,433	402,705	2,240,360	—	905,457	3,548,522
Winfield Township	22850	Union	246,833	4,430	24,647	—	35,385	64,462
Winfield Township Bd Of Ed	22853	Union	478,440	8,587	47,774	—	57,032	113,393
Allamuchy Bd Of Ed	50033	Warren	2,388,329	42,867	238,483	—	326,753	608,103
Allamuchy Township	50030	Warren	1,622,896	29,129	162,052	—	341,634	532,815
Alpha Bd Of Ed	50073	Warren	587,269	10,541	58,641	—	41,371	110,553
Alpha Borough	50070	Warren	375,687	6,743	37,514	—	16,690	60,947
Belvidere Town	50240	Warren	1,295,982	23,261	129,409	—	30,313	162,983
Belvidere Town Bd Of Ed	50243	Warren	2,561,641	45,978	255,789	—	105,413	407,180
Blairstown Township	23310	Warren	2,008,178	36,044	200,524	—	375,532	612,100
Blairstown Twp Bd Of Ed	23313	Warren	1,465,348	26,301	146,320	—	146,348	318,969
Franklin Township (Warren)	51110	Warren	1,033,329	18,547	103,182	—	11,486	133,215
Franklin Twp Bd Of Ed (Warren)	51113	Warren	1,205,770	21,642	120,401	—	115,460	257,503
Frelinghuysen Twp	51140	Warren	771,621	13,850	77,049	—	150,527	241,426
Frelinghuysen Twp Bd Of Ed	23813	Warren	135,226	2,427	13,503	—	109,459	125,389
Great Meadows Regional Bd Of Ed	35000	Warren	2,760,163	49,541	275,612	—	228,509	553,662
Greenwich Township (Warren)	51250	Warren	450,969	8,094	45,031	—	61,163	114,288
Greenwich Twp Bd Of Ed (Warren)	51253	Warren	1,897,311	34,054	189,454	—	49,105	272,613
Hackettstown Bd Of Ed	20383	Warren	6,563,122	117,799	655,352	—	1,067,552	1,840,703
Hackettstown Mun Util Authority	30980	Warren	3,126,366	56,114	312,179	—	115,614	483,907
Hackettstown Town	20380	Warren	4,041,086	72,532	403,517	—	253,486	729,535
Hardwick Township	51360	Warren	612,295	10,990	61,140	—	44,822	116,952
Harmony Township	51380	Warren	725,477	13,021	72,442	—	26,520	111,983
Harmony Township Bd Of Ed	51383	Warren	897,066	16,101	89,575	—	72,800	178,476
Hope Township	51530	Warren	622,298	11,169	62,139	—	40,377	113,685
Hope Twp Bd Of Ed	51533	Warren	742,612	13,329	74,153	—	184,325	271,807
Independence Twp	21550	Warren	1,000,245	17,953	99,878	—	9,482	127,313
Knowlton Township	51670	Warren	1,152,532	20,686	115,085	—	144,211	279,982
Knowlton Twp Bd Of Ed	51673	Warren	654,993	11,756	65,403	—	81,097	158,256
Liberty Township	51770	Warren	655,882	11,772	65,492	—	13,915	91,179
Lopatcong Township	23480	Warren	2,186,158	39,239	218,296	—	52,955	310,490
Lopatcong Township Bd Of Ed	23483	Warren	2,256,160	40,495	225,286	—	213,423	479,204
Mansfield Township (Warren)	52000	Warren	1,641,568	29,464	163,917	—	183,806	377,187
Mansfield Twp Bd Ed (Warren)	52003	Warren	1,880,806	33,758	187,805	—	325,590	547,153
North Warren Reg High School	57510	Warren	2,675,990	48,031	267,207	—	301,477	616,715
Oxford Township	52530	Warren	806,446	14,475	80,527	—	171,449	266,451
Oxford Twp Bd Of Ed	52533	Warren	1,203,695	21,605	120,193	—	109,241	251,039
Phillipsburg Housing Authority	30390	Warren	2,937,383	52,722	293,309	—	138,906	484,937
Phillipsburg Town	20740	Warren	8,486,534	152,322	847,412	—	739,558	1,739,292
Phillipsburg Town Bd Of Ed	20743	Warren	17,331,935	311,086	1,730,657	—	178,599	2,220,342
Pohatcong Township	52750	Warren	1,623,303	29,136	162,093	—	6,997	198,226
Pohatcong Twp Boe	52753	Warren	865,168	15,529	86,390	—	28,515	130,434
Ridge And Valley Charter School	42900	Warren	525,010	9,423	52,424	—	157,183	219,030
Warren Co Bd Of Chosen Frhldrs	10110	Warren	50,475,515	905,969	5,040,166	—	—	5,946,135
Warren Co Mosq Extern Comm	10112	Warren	926,631	16,632	92,527	—	64,736	173,895
Warren Co Municipal Util Auth	33010	Warren	745,650	13,383	74,456	—	33,767	121,606
Warren Co Pollution Control	34610	Warren	1,578,364	28,330	157,605	—	92,035	277,970
Warren Co Soil Conservatn Dist	32380	Warren	391,877	7,034	39,130	—	21,671	67,835
Warren Co Sp Services Sch Dist	34800	Warren	966,142	17,341	96,473	—	—	113,814
Warren Co Vocational School	10113	Warren	2,275,277	40,838	227,195	—	550,982	819,015
Warren County Community College	33090	Warren	3,196,980	57,382	319,230	—	—	376,612
Warren Hills Reg Schools	57310	Warren	7,216,152	129,520	720,559	—	333,775	1,183,854
Washington Boro Bd Of Ed	20723	Warren	1,743,784	31,299	174,123	—	103,962	309,384
Washington Borough	20720	Warren	2,493,639	44,758	248,999	—	725,531	1,019,288
Washington Twp (Warren)	53580	Warren	3,161,970	56,753	315,734	—	218,315	590,802
Washington Twp Bd Ed (Warren)	53583	Warren	1,623,247	29,135	162,087	—	232,852	424,074
Washington Twp Fire District #1	47100	Warren	—	—	—	—	13,277	13,277
White Township	53740	Warren	959,789	17,227	95,838	—	35,592	148,657
White Township Bd Of Ed	53743	Warren	596,791	10,712	59,592	—	15,957	86,261
ADJUSTMENT / WRITE-OFF			—	—	—	—	—	—
Total Employer:			\$ 18,018,482,972	323,408,198	1,799,211,699	—	1,026,902,719	3,149,522,616
Total Local Group:			18,143,832,135	323,408,198	1,799,211,699	—	1,026,902,719	3,149,522,616
Total			\$ 41,156,252,475	561,094,035	3,076,948,039	—	22,272,553	4,960,632,600

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

Deferred inflows of resources					Pension expense			
Differences between expected and actual experience	Changes of assumptions	Net difference between projected and actual investment earnings on pension plan investments	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan pension expense	Pension expense related to specific liabilities of individual employers	Net amortization of deferred amounts from changes in proportion	Total pension expense
50,605	3,976,136	180,828	197,258	4,404,827	531,094	—	202,167	733,261
39,180	3,078,447	140,003	596,015	3,853,645	411,189	—	(132,242)	278,947
85,730	6,735,974	306,341	403,693	7,531,738	899,727	—	410,135	1,309,862
98,950	7,774,685	353,580	1,412,409	9,639,624	1,038,468	2,215	(421,474)	619,209
4,444	349,137	15,878	—	369,459	46,634	—	232,933	279,567
357,234	28,068,586	1,276,513	27,268	29,729,601	3,749,132	37,878	1,359,357	5,146,367
40,254	3,162,836	143,841	418,416	3,765,347	422,461	—	74,356	496,817
10,623	834,678	37,960	80,221	963,482	111,488	—	10,593	122,081
14,421	1,133,059	51,530	90,516	1,289,526	151,343	—	(13,326)	138,017
807,599	63,454,714	2,885,815	10,854,507	78,002,635	8,475,670	12,706	(7,041,858)	1,446,518
99,093	7,785,975	354,093	2,158,212	10,397,373	1,039,976	—	(448,905)	591,071
3,440	270,251	12,291	—	285,982	36,098	—	172,793	208,891
9,668	759,644	34,547	46,125	849,984	101,466	—	281,918	383,384
141,757	11,138,107	506,543	1,523,847	13,310,254	1,487,721	—	279,856	1,767,577
11,859	931,817	42,378	738,946	1,725,000	124,463	81	(87,424)	37,120
163,183	12,821,609	583,106	719,296	14,287,194	1,712,587	21,997	1,098,621	2,833,205
83,202	6,537,324	297,307	304,419	7,222,252	873,193	—	36,057	909,250
99,114	7,787,615	354,168	1,018,913	9,259,810	1,040,195	—	166,433	1,206,628
1,090	85,675	3,896	36,763	127,424	11,444	—	(6,657)	4,787
2,114	166,065	7,552	134,107	309,838	22,181	—	(20,734)	1,447
10,551	828,982	37,701	36,296	913,530	110,727	—	66,272	176,999
7,169	563,302	25,618	75,436	671,525	75,240	—	54,330	129,570
2,594	203,839	9,270	85,189	300,892	27,227	—	(21,817)	5,410
1,660	130,400	5,930	433,885	571,875	17,418	—	(143,034)	(125,616)
5,725	449,831	20,458	218,608	694,622	60,084	—	(112,123)	(52,039)
11,316	889,137	40,436	44,938	985,827	118,762	—	18,217	136,979
8,871	697,032	31,700	308,056	1,045,659	93,103	—	52,016	145,119
6,473	508,618	23,131	68,086	606,308	67,936	—	27,652	95,588
4,565	358,665	16,312	106,891	486,433	47,907	—	(21,182)	26,725
5,327	418,519	19,034	347,142	790,022	55,902	—	(27,385)	28,517
3,409	267,827	12,180	102,449	385,865	35,774	899	13,364	50,037
597	46,936	2,135	44,817	94,485	6,269	—	(13,815)	(7,546)
12,193	958,044	43,570	148,067	1,161,874	127,966	—	(217)	127,749
1,992	156,530	7,119	480,358	645,999	20,908	—	(171,341)	(150,433)
8,381	658,551	29,950	157,129	854,011	87,963	—	(45,646)	42,317
28,993	2,278,039	103,601	287,896	2,698,529	304,279	—	159,012	463,291
13,811	1,085,152	49,351	39,291	1,187,605	144,944	—	19,688	164,632
17,852	1,402,648	63,790	207,780	1,692,070	187,352	1,562	69,818	258,732
2,705	212,526	9,665	24,992	249,888	28,387	—	4,505	32,892
3,205	251,811	11,452	61,455	327,923	33,634	—	(3,650)	29,984
3,963	311,369	14,161	48,294	377,787	41,590	—	(459)	41,131
2,749	215,998	9,823	227,480	456,050	28,851	—	(76,059)	(47,208)
3,281	257,758	11,722	159,459	432,220	34,429	—	(8,171)	26,258
4,419	347,182	15,789	269,380	636,770	46,373	—	(110,458)	(64,085)
5,091	400,040	18,193	138,351	561,675	53,434	—	28,791	82,225
2,893	227,346	10,339	165,109	405,687	30,367	—	(28,226)	2,141
2,897	227,655	10,353	135,406	376,311	30,408	—	(28,737)	1,671
9,657	758,808	34,509	200,996	1,003,970	101,354	—	(83,666)	17,688
9,967	783,106	35,614	400,802	1,229,489	104,600	—	(9,037)	95,563
7,252	569,783	25,913	577,299	1,180,247	76,106	—	(99,406)	(23,300)
8,309	652,822	29,689	10,268	701,088	87,198	—	103,716	190,914
11,821	928,828	42,242	263,469	1,246,360	124,064	—	12,790	136,854
3,563	279,915	12,730	114,868	411,076	37,388	—	(11,333)	26,055
5,317	417,799	19,001	111,036	553,153	55,806	—	3,372	59,178
12,976	1,019,556	46,368	405,004	1,483,904	136,183	—	(146,948)	(10,765)
37,490	2,945,649	133,963	579,121	3,696,223	393,451	1,284	43,720	438,455
76,565	6,015,860	273,591	707,899	7,073,905	803,541	—	(57,830)	745,711
7,171	563,443	25,624	215,343	811,581	75,259	2,825	(116,300)	(38,216)
3,822	300,297	13,657	142,927	460,703	40,111	—	(51,666)	(11,555)
2,319	182,229	8,287	116,753	309,588	24,340	—	16,908	41,248
222,979	17,519,891	796,776	9,736,288	28,275,934	2,340,138	14,560	(4,943,539)	(2,588,841)
4,093	321,631	14,627	16,916	357,267	42,960	245	1,032	44,237
3,294	258,813	11,770	6,931	280,808	34,570	—	6,457	41,027
6,973	547,845	24,915	1,983	581,716	73,176	—	38,495	111,671
1,731	136,019	6,186	—	143,936	18,168	—	8,884	27,052
4,268	335,345	15,251	1,099,214	1,454,078	44,792	—	(361,068)	(316,276)
10,051	789,741	35,916	368,463	1,204,171	105,486	329	138,128	243,943
14,123	1,109,662	50,466	899,620	2,073,871	148,218	5,111	(337,544)	(184,215)
31,878	2,504,703	113,910	201,428	2,851,919	334,554	—	114,365	448,919
7,703	605,262	27,526	82,594	723,085	80,845	—	32,391	113,236
11,016	865,534	39,363	123,892	1,039,805	115,610	—	119,610	235,220
13,968	1,097,510	49,913	63,162	1,224,553	146,595	—	79,678	226,273
7,171	563,424	25,624	931,852	1,528,071	75,257	—	(223,007)	(147,750)
—	—	—	35,676	—	—	—	(1,941)	(1,941)
4,240	333,140	15,151	41,640	394,171	44,498	—	(8,631)	35,867
2,636	207,144	9,421	135,866	355,067	27,668	144	(35,252)	(7,440)
—	—	—	—	—	—	(64,946)	—	(64,946)
79,597,702	6,254,158,388	284,428,765	1,026,902,719	7,645,087,574	835,370,290	6,923,099	—	842,293,389
79,597,702	6,254,158,388	284,428,765	1,026,902,719	7,645,087,574	967,548,587	6,923,099	—	974,471,686
244,370,597	10,869,314,417	284,428,765	1,300,317,973	12,698,431,752	2,235,109,819	7,160,976	—	2,242,270,795

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

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

June 30, 2019

**(1) Plan Description**

The State of New Jersey, Public Employees' Retirement System (PERS) is a cost-sharing multiple-employer defined benefit pension plan administered by the State of New Jersey, Division of Pensions and Benefits (the Division). For additional information about PERS, please refer to Division's Comprehensive Annual Financial Report (CAFR), which can be found at <https://www.state.nj.us/treasury/pensions/annual-reports.shtml>.

The vesting and benefit provisions are set by N.J.S.A. 43:15A. PERS provides retirement, death and disability benefits. All benefits vest after ten years of service.

The following represents the membership tiers for PERS:

<u>Tier</u>	<u>Definition</u>
1	Members who were enrolled prior to July 1, 2007
2	Members who were eligible to enroll on or after July 1, 2007 and prior to November 2, 2008
3	Members who were eligible to enroll on or after November 2, 2008 and prior to May 22, 2010
4	Members who were eligible to enroll on or after May 22, 2010 and prior to June 28, 2011
5	Members who were eligible to enroll on or after June 28, 2011

Service retirement benefits of 1/55th of final average salary for each year of service credit is available to tiers 1 and 2 members upon reaching age 60 and to tier 3 members upon reaching age 62. Service retirement benefits of 1/60th of final average salary for each year of service credit is available to tier 4 members upon reaching age 62 and tier 5 members upon reaching age 65. Early retirement benefits are available to tiers 1 and 2 members before reaching age 60, tiers 3 and 4 with 25 years or more of service credit before age 62, and tier 5 with 30 years or more of service credit before age 65. Benefits are reduced by a fraction of a percent for each month that a member retires prior to the age at which a member can receive full early retirement benefits in accordance with their respective tier. Tier 1 members can receive an unreduced benefit from age 55 to age 60 if they have at least 25 years of service. Deferred retirement is available to members who have at least 10 years of service credit and have not reached the service retirement age for the respective tier.

**(2) Basis of Presentation**

The schedule of employer and nonemployer allocations and the schedule of pension amounts by employer and nonemployer (collectively, the Schedules) present amounts that are considered elements of the financial statements of PERS, its participating employers or the State as a nonemployer contributing entity. Accordingly, they do not purport to be a complete presentation of the financial position or changes in financial position of PERS or the participating employers. The accompanying Schedules were prepared in accordance with U.S. generally accepted accounting principles. Such preparation requires management of PERS to make a number of estimates and assumptions relating to the reported amounts. Due to the inherent nature of these estimates, actual results could differ from those estimates.

**(3) Allocation Methodology and Reconciliation to Financial Statements**

GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*, requires participating employers in PERS to recognize their proportionate share of the collective net pension liability, collective deferred outflows of resources, collective deferred inflows of resources, and collective pension expense. The

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employer and nonemployer allocation percentages presented in the schedule of employer and nonemployer allocations and applied to amounts presented in the schedule of pension amounts by employer and nonemployer are based on the ratio of the contributions of an individual employer to the total contributions to PERS during the measurement period July 1, 2018 through June 30, 2019. Employer and nonemployer allocation percentages have been rounded for presentation purposes; therefore, amounts presented in the schedule of pension amounts by employer and nonemployer may result in immaterial differences. Contributions from employers are recognized when due, based on statutory requirements.

Although the Division administers one cost-sharing multiple-employer defined benefit pension plan, separate (sub) actuarial valuations are prepared to determine the actuarially determined contribution rate by group. Following this method, the measurement of the collective net pension liability, deferred outflows of resources, deferred inflows of resources, and pension expense are determined separately for each individual employer of the State and local groups of the plan.

To facilitate the separate (sub) actuarial valuations, the Division maintains separate accounts to identify additions, deductions, and fiduciary net position applicable to each group. The allocation percentages presented for each group in the schedule of employer and nonemployer allocations are applied to amounts presented in the schedule of pension amounts by employer and nonemployer. The allocation percentages for each group as of June 30, 2019 are based on the ratio of each employer's contributions to total employer contributions of the group for the fiscal year ended June 30, 2019.

A special funding situation exists for certain Local employers of the Public Employees' Retirement System. The State of New Jersey, as a nonemployer, is required to pay the additional costs incurred by Local employers under Chapter 366, P.L. 2001. This legislation established the Prosecutors Part of the PERS which provides enhanced retirement benefits for Prosecutors enrolled in the PERS. The State is liable for the increased pension costs to a County that resulted from the enrollment of Prosecutors in the Prosecutors Part. The June 30, 2019 State special funding situation net pension liability amount of \$125.3 million is the accumulated difference between the annual actuarially determined State obligation under the special funding situation and the actual State contribution through the valuation date. The State special funding situation pension expense of \$132.2 million, for the fiscal year ending June 30, 2019, is the actuarially determined contribution amount that the State owes for the fiscal year ending June 30, 2019. The pension expense is deemed to be a State administrative expense due to the special funding situation.

The contribution policy for PERS is set by N.J.S.A. 43:15A and requires contributions by active members and contributing employers. State legislation has modified the amount that is contributed by the State. The State's pension contribution is based on an actuarially determined amount, which includes the employer portion of the normal cost and an amortization of the unfunded accrued liability. Funding for noncontributory group insurance benefits is based on actual claims paid. For fiscal year 2019, the State's pension contribution was less than the actuarial determined amount.

The local employers' contribution amounts are based on an actuarially determined rate, which includes the normal cost and unfunded accrued liability. Chapter 19, P.L. 2009 provided an option for local employers of PERS to contribute 50% of the normal and accrued liability contribution amounts certified for payments due in State fiscal year 2009. Such employers will be credited with the full payment and any such amounts will not be included in their unfunded liability. The actuaries will determine the unfunded liability of those retirement systems, by employer, for the reduced normal and accrued liability contributions provided under this law. This unfunded liability will be paid by the employer in level annual payments over a period of



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15 years beginning with the payments due in the fiscal year ended June 30, 2012 and will be adjusted by the rate of return on the actuarial value of assets.

**(4) Special Funding Situation**

Under N.J.S.A. 43:15A-15, local participating employers are responsible for their own contributions based on actuarially determined amounts, except where legislation was passed that legally obligated the State if certain circumstances occurred. The legislation, which legally obligates the State, is Chapter 366, P.L. 2001. The amounts contributed on behalf of the local participating employers under this legislation is considered to be a special funding situation as defined by GASB Statement No. 68 and the State is treated as a nonemployer contributing entity. Since the local participating employers do not contribute under this legislation directly to the plan (except for employer specific financed amounts), there is no net pension liability or deferred outflows or inflows to report in the financial statements of the local participating employers related to this legislation. However, the notes to the financial statements of the local participating employers must disclose the portion of the nonemployer contributing entities' total proportionate share of the collective net pension liability that is associated with the local participating employer. In addition, each local participating employer must recognize pension expense associated with the employer as well as revenue in an amount equal to the nonemployer contributing entities' total proportionate share of the collective pension expense associated with the local participating employer.

**(5) Collective Net Pension Liability**

*Components of Net Pension Liability*

The components of the collective net pension liability of the participating employers as of June 30, 2019 were as follows:

	<u>State</u>	<u>Local</u>	<u>Total</u>
Total pension liability	\$ 29,512,766,255	41,491,463,886	71,004,230,141
Plan fiduciary net position	<u>6,500,345,915</u>	<u>23,347,631,751</u>	<u>29,847,977,666</u>
Net pension liability	<u>\$ 23,012,420,340</u>	<u>18,143,832,135</u>	<u>41,156,252,475</u>

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Notes to Schedule of Employer and Nonemployer Allocations and Schedule of Pension Amounts by Employer  
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*Actuarial Assumptions*

The collective total pension liability for the June 30, 2019 measurement date was determined by an actuarial valuation as of July 1, 2018, which was rolled forward to June 30, 2019. This actuarial valuation used the following actuarial assumptions:

Inflation rate:	
Price	2.75%
Wage	3.25%
Salary increases:	
Through 2026	2.00 - 6.00% based on years of service
Thereafter	3.00 - 7.00% based on years of service
Investment rate of return	7.00%

Pre-retirement mortality rates were based on the Pub-2010 General Below-Median Income Employee mortality table with an 82.2% adjustment for males and 101.4% adjustment for females, and with future improvement from the base year of 2010 on a generational basis. Post-retirement mortality rates were based on the Pub-2010 General Below-Median Income Healthy Retiree mortality table with a 91.4% adjustment for males and 99.7% adjustment for females, and with future improvement from the base year of 2010 on a generational basis. Disability retirement rates used to value disabled retirees were based on the Pub-2010 Non-Safety Disabled Retiree mortality table with a 127.7% adjustment for males and 117.2% adjustment for females, and with future improvement from the base year of 2010 on a generational basis. Mortality improvement is based on Scale MP-2019.

The actuarial assumptions used in the July 1, 2018 valuation were based on the results of an actuarial experience study for the period July 1, 2014 to June 30, 2018.

In accordance with State statute, the long-term expected rate of return on plan investments (7.00% at June 30, 2019) is determined by the State Treasurer, after consultation with the Directors of the Division of Investment and Division of Pensions and Benefits, the board of trustees and the actuaries. The long-term expected rate of return was determined using a building block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense 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

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and by adding expected inflation. Best estimates of arithmetic rates of return for each major asset class included in PERS's target asset allocation as of June 30, 2019 are summarized in the following table:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return</u>
Risk Mitigation Strategies	3.00%	4.67%
Cash Equivalents	5.00%	2.00%
U.S. Treasuries	5.00%	2.68%
Investment Grade Credit	10.00%	4.25%
High Yield	2.00%	5.37%
Private Credit	6.00%	7.92%
Real Assets	2.50%	9.31%
Real Estate	7.50%	8.33%
US Equity	28.00%	8.26%
Non-U.S. Developed Markets Equity	12.50%	9.00%
Emerging Markets Equity	6.50%	11.37%
Private Equity	12.00%	10.85%

*Discount Rate*

The discount rate used to measure the total pension liability was 6.28% as of June 30, 2019. This single blended discount rate was based on the long-term expected rate of return on pension plan investments of 7.00% and a municipal bond rate of 3.50% as of June 30, 2019 based on the Bond Buyer Go 20-Bond Municipal Bond Index, which includes tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be based on 70% of the actuarially determined contributions for the State employer and 100% of actuarially determined contributions for the local employers. Based on those assumptions, the plan's fiduciary net position was projected to be available to make projected future benefit payments of current plan members through 2057. Therefore, the long-term expected rate of return on plan investments was applied to projected benefit payments through 2057 and the municipal bond rate was applied to projected benefit payments after that date in determining the total pension liability.

*Sensitivity of the Collective Net Pension Liability to Changes in the Discount Rate*

The following presents the collective net pension liability of the participating employers as of June 30, 2019, calculated using the discount rate as disclosed above as well as what the collective net pension liability would be if it was calculated using a discount rate that is 1-percentage point lower or 1-percentage-point higher than the current rate:

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	<u>At 1% decrease (5.28%)</u>	<u>At current discount rate (6.28%)</u>	<u>At 1% increase (7.28%)</u>
State	\$ 26,475,719,181	23,012,420,340	20,102,167,445
Local	22,918,608,260	18,143,832,135	14,120,406,763
Total	<u>\$ 49,394,327,441</u>	<u>41,156,252,475</u>	<u>34,222,574,208</u>

**(6) 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 June 30, 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>
<b>Deferred Outflows of Resources:</b>						
State:						
Differences between expected and actual experience			\$			
	2015	5.72 years	120,822,485	—	70,245,632	50,576,853
	2016	5.57 years	204,825,863	—	79,698,780	125,127,083
	2017	5.48 years	86,974,603	—	24,992,702	61,981,901
Subtotal			<u>412,622,951</u>	<u>—</u>	<u>174,937,114</u>	<u>237,685,837</u>
Changes of assumptions						
	2014	6.44 years	117,496,263	—	81,594,626	35,901,637
	2015	5.72 years	526,944,282	—	306,362,955	220,581,327
	2016	5.57 years	1,671,733,235	—	650,479,859	1,021,253,376
Subtotal			<u>2,316,173,780</u>	<u>—</u>	<u>1,038,437,440</u>	<u>1,277,736,340</u>
Differences between projected and actual investment earnings on pension plan investments						
	2015	5 years	85,258,264		85,258,264	—
	2016	5 years	267,616,692	—	133,808,347	133,808,345
	2017	5 years	(192,255,103)	—	(64,085,035)	(128,170,068)
	2018	5 years	(93,581,177)	—	(23,395,294)	(70,185,883)
	2019	5 years	—	108,525,199	21,705,040	86,820,159
Subtotal			<u>67,038,676</u>	<u>108,525,199</u>	<u>153,291,322</u>	<u>22,272,553</u>
Subtotal State			<u>2,795,835,407</u>	<u>108,525,199</u>	<u>1,366,665,876</u>	<u>1,537,694,730</u>
Local:						
Differences between expected and actual experience						
	2015	5.72 years	195,150,881	—	113,459,816	81,691,065
	2016	5.57 years	72,386,473	—	28,165,943	44,220,530
	2017	5.48 years	107,944,381	—	31,018,501	76,925,880
	2019	5.21 years	—	149,209,849	28,639,126	120,570,723
Subtotal			<u>375,481,735</u>	<u>149,209,849</u>	<u>201,283,386</u>	<u>323,408,198</u>
Changes of assumptions						
	2014	6.44 years	155,843,811	—	108,224,870	47,618,941
	2015	5.72 years	703,384,183	—	408,944,294	294,439,889
	2016	5.57 years	2,385,275,715	—	928,122,846	1,457,152,869
Subtotal			<u>3,244,503,709</u>	<u>—</u>	<u>1,445,292,010</u>	<u>1,799,211,699</u>
Subtotal Local			<u>3,619,985,444</u>	<u>149,209,849</u>	<u>1,646,575,396</u>	<u>2,122,619,897</u>
Total deferred outflows of resources			<u>\$ 6,415,820,851</u>	<u>257,735,048</u>	<u>3,013,241,272</u>	<u>3,660,314,627</u>

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	<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>
<b>Deferred Inflows of Resources:</b>						
State:						
Differences between expected and actual experience	2018	5.63 years	\$ 197,745,433	—	42,709,597	155,035,836
	2019	5.21 years	—	12,049,899	2,312,840	9,737,059
Subtotal			197,745,433	12,049,899	45,022,437	164,772,895
Changes of assumptions	2017	5.48 years	2,820,321,235	—	810,437,137	2,009,884,098
	2018	5.63 years	1,950,565,161	—	421,288,372	1,529,276,789
	2019	5.21 years	—	1,331,575,936	255,580,794	1,075,995,142
Subtotal			4,770,886,396	1,331,575,936	1,487,306,303	4,615,156,029
Subtotal State			4,968,631,829	1,343,625,835	1,532,328,740	4,779,928,924
Local:						
Differences between expected and actual experience	2018	5.63 years	101,525,444	—	21,927,742	79,597,702
Subtotal			101,525,444	—	21,927,742	79,597,702
Changes of assumptions	2017	5.48 years	3,629,610,513	—	1,042,991,527	2,586,618,986
	2018	5.63 years	2,666,045,055	—	575,819,666	2,090,225,389
	2019	5.21 years	—	1,951,972,924	374,658,911	1,577,314,013
Subtotal			6,295,655,568	1,951,972,924	1,993,470,104	6,254,158,388
Differences between projected and actual investment earnings on pension plan investments	2015	5 years	(118,977,340)	—	(118,977,340)	—
	2016	5 years	(665,141,404)	—	(332,570,701)	(332,570,703)
	2017	5 years	598,659,958	—	199,553,320	399,106,638
	2018	5 years	370,147,142	—	92,536,786	277,610,356
	2019	5 years	—	(74,646,907)	(14,929,381)	(59,717,526)
Subtotal			184,688,356	(74,646,907)	(174,387,316)	284,428,765
Subtotal Local			6,581,869,368	1,877,326,017	1,841,010,530	6,618,184,855
Total deferred inflows of resources			\$ 11,550,501,197	3,220,951,852	3,373,339,270	11,398,113,779

Amounts reported as deferred outflows of resources and deferred inflows of resources (excluding employer specific amounts) related to pensions will be recognized in pension expense as follows:

	<u>State</u>	<u>Local</u>	<u>Total</u>
Year ending June 30:			
2020	\$ (402,064,526)	(520,291,557)	(922,356,083)
2021	(1,156,909,505)	(1,687,816,332)	(2,844,725,837)
2022	(1,100,595,185)	(1,507,121,650)	(2,607,716,835)
2023	(528,507,313)	(707,671,269)	(1,236,178,582)
2024	(54,157,665)	(72,664,150)	(126,821,815)
Total	\$ (3,242,234,194)	(4,495,564,958)	(7,737,799,152)

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PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

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*Changes in Proportion*

The previous amounts do not include employer specific deferred outflows of resources and deferred inflows of resources related to changes in proportion. These amounts should be recognized (amortized) by each employer over the average of the expected remaining service lives of all plan members, which is 5.21, 5.63, 5.48, 5.57, 5.72, and 6.44 years for the 2019, 2018, 2017, 2016, 2015, and 2014 amounts, respectively.

**(7) Pension Expense**

The components of allocable pension expense, which exclude pension expense related to specific liabilities of individual employers, for State and local employers for the year ending June 30, 2019 are as follows:

	<u>State</u>	<u>Local</u>	<u>Total</u>
Service cost	\$ 526,757,589	803,761,000	1,330,518,589
Interest on total pension liability	1,701,980,100	2,382,273,210	4,084,253,310
Member contributions	(355,581,371)	(553,610,183)	(909,191,554)
Administrative expense	6,593,343	14,664,098	21,257,441
Expected investment return net of investment expenses	(446,287,688)	(1,478,181,305)	(1,924,468,993)
Pension expense related to specific liabilities of individual employers	(237,877)	(6,923,099)	(7,160,976)
Current period recognition (amortization) of deferred outflows and inflows of resources:			
Differences between expected and actual experience	129,914,677	179,355,644	309,270,321
Changes of assumptions	(448,868,863)	(548,178,094)	(997,046,957)
Differences between projected and actual investment earnings on pension plan investments	153,291,322	174,387,316	327,678,638
Total pension expense	\$ <u>1,267,561,232</u>	<u>967,548,587</u>	<u>2,235,109,819</u>

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Supplemental Schedule of Employer Special Funding Allocations (Unaudited)

As of and for the year ended June 30, 2019

<u>Employer</u>	<u>Employer number</u>	<u>County</u>	<u>Nonemployer Contribution</u>	<u>Employer proportionate share</u>
ATLANTIC COUNTY	10030	ATLANTIC	\$ 240,367	3.5197297115%
BERGEN COUNTY	10010	BERGEN	456,831	6.6894404330%
BURLINGTON COUNTY/PAYROLL DEPT	10070	BURLINGTON	229,584	3.3618268458%
CAMDEN CO BD OF CHOSEN FRHLDRS	10130	CAMDEN	338,548	4.9574046843%
CAPE MAY COUNTY	10120	CAPE MAY	178,980	2.6208290725%
CUMBERLAND COUNTY	10140	CUMBERLAND	122,996	1.8010427444%
ESSEX COUNTY	60010	ESSEX	783,307	11.4700994594%
GLOUCESTER COUNTY	10160	GLOUCESTER	273,337	4.0025089760%
HUDSON COUNTY	60020	HUDSON	554,220	8.1155224879%
HUNTERDON COUNTY	10180	HUNTERDON	107,770	1.5780852410%
MERCER COUNTY	10170	MERCER	274,103	4.0137339616%
MIDDLESEX COUNTY	10040	MIDDLESEX	396,056	5.7995083505%
BROOKDALE COMMUNITY COLLEGE	31280	MONMOUTH	57,302	0.8390875096%
MONMOUTH COUNTY/HALL OF RECORDS	10080	MONMOUTH	484,450	7.0938767679%
MADISON BOROUGH	20470	MORRIS	35,914	0.5259005900%
MORRIS COUNTY	10060	MORRIS	341,461	5.0000576316%
OCEAN COUNTY	10020	OCEAN	439,466	6.4351703976%
PASSAIC CO BD OF SOCIAL SERVICE	60031	PASSAIC	188,086	2.7541648306%
PASSAIC COUNTY	60030	PASSAIC	385,835	5.6498426163%
SALEM COUNTY	10150	SALEM	65,801	0.9635279647%
SOMERSET COUNTY FINANCE OFFICE	10090	SOMERSET	296,541	4.3422891278%
SUSSEX COUNTY	10050	SUSSEX	100,890	1.4773411760%
UNION COUNTY	10100	UNION	374,021	5.4768478693%
WARREN CO BD OF CHOSEN FRHLDRS	10110	WARREN	103,268	1.5121615507%
Total			\$ <u>6,829,134</u>	<u>100.0000000000%</u>

See accompanying independent auditors' report and notes to supplemental schedules.

**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Supplemental Schedule of Special Funding Amounts by Employer (Unaudited)

As of and for the year ended June 30, 2019

<u>Employer</u>	<u>Employer number</u>	<u>County</u>	<u>State proportionate share of net pension liability attributable to employer</u>	<u>Employer pension expense and related revenue</u>
ATLANTIC COUNTY	10030	ATLANTIC	\$ 4,411,952	4,652,319
BERGEN COUNTY	10010	BERGEN	8,385,158	8,841,988
BURLINGTON COUNTY/PAYROLL DEPT	10070	BURLINGTON	4,214,022	4,443,605
CAMDEN CO BD OF CHOSEN FRHLDRS	10130	CAMDEN	6,214,065	6,552,613
CAPE MAY COUNTY	10120	CAPE MAY	3,285,187	3,464,167
CUMBERLAND COUNTY	10140	CUMBERLAND	2,257,592	2,380,588
ESSEX COUNTY	60010	ESSEX	14,377,673	15,160,984
GLOUCESTER COUNTY	10160	GLOUCESTER	5,017,112	5,290,448
HUDSON COUNTY	60020	HUDSON	10,172,740	10,726,959
HUNTERDON COUNTY	10180	HUNTERDON	1,978,117	2,085,886
MERCER COUNTY	10170	MERCER	5,031,182	5,305,285
MIDDLESEX COUNTY	10040	MIDDLESEX	7,269,635	7,665,691
BROOKDALE COMMUNITY COLLEGE	31280	MONMOUTH	1,051,789	1,109,092
MONMOUTH COUNTY/HALL OF RECORDS	10080	MONMOUTH	8,892,115	9,376,566
MADISON BOROUGH	20470	MORRIS	659,212	695,126
MORRIS COUNTY	10060	MORRIS	6,267,530	6,608,991
OCEAN COUNTY	10020	OCEAN	8,066,432	8,505,899
PASSAIC CO BD OF SOCIAL SERVICE	60031	PASSAIC	3,452,323	3,640,408
PASSAIC COUNTY	60030	PASSAIC	7,082,030	7,467,866
SALEM COUNTY	10150	SALEM	1,207,774	1,273,575
SOMERSET COUNTY_FINANCE OFFICE	10090	SOMERSET	5,443,023	5,739,564
SUSSEX COUNTY	10050	SUSSEX	1,851,835	1,952,724
UNION COUNTY	10100	UNION	6,865,183	7,239,204
WARREN CO BD OF CHOSEN FRHLDRS	10110	WARREN	1,895,482	1,998,749
Total			<u>\$ 125,349,163</u>	<u>132,178,297</u>

See accompanying independent auditors' report and notes to supplemental schedules.



**STATE OF NEW JERSEY  
PUBLIC EMPLOYEES' RETIREMENT SYSTEM**

Notes to Supplemental Schedules (Unaudited)

June 30, 2019

**(1) Special Funding Situation**

The participating employer allocations included in the supplemental schedule of employer special funding allocations and the supplemental schedule of special funding amounts by employer for each local participating employer are provided as each local participating employer is required to record in their financial statements, as an expense and corresponding revenue, their proportionate share of the pension expense allocated to the State of New Jersey (the State) under the special funding situation and include their proportionate share of the collective net pension liability in their respective notes to their financial statements. For this purpose, the proportionate share was developed based on actual contributions made to the Public Employees' Retirement System allocated to employers based upon covered payroll.