



**STATE OF NEW JERSEY
STATE HEALTH BENEFIT STATE RETIRED EMPLOYEES PLAN**

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

June 30, 2018

(With Independent Auditors' Report Thereon)

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KPMG LLP
New Jersey Headquarters
51 John F. Kennedy Parkway
Short Hills, NJ 07078-2702

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 State Health Benefit State Retired Employees Plan (the Plan) as of and for the year ended June 30, 2018, and the related notes. We have also audited the total for all entities of the columns titled total OPEB liability, total deferred outflows of resources, total deferred inflows of resources, and total OPEB expense (specified column totals) included in the accompanying schedule of OPEB amounts by employer and nonemployer of the Plan as of and for the year ended June 30, 2018, 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 OPEB 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 OPEB 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 OPEB 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 OPEB 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 OPEB 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 OPEB 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 total OPEB liability, total deferred outflows of resources, total deferred inflows of resources, and total OPEB expense for the total of all participating entities of the Plan as of and for the year ended June 30, 2018, in accordance with U.S. generally accepted accounting principles.

Other Information

The supplemental schedule of employer special funding allocations and supplemental schedule of special funding amounts by employer on pages 12 through 13 have not been subject to the auditing procedures applied in the audit of the schedule of employer and nonemployer allocations and the schedule of OPEB 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 management, the Treasurer of the State of New Jersey, the State of New Jersey, State Health Benefit State Retired Employees Plan 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
November 26, 2019

State of New Jersey
State Health Benefit State Retired Employees Plan

Schedule of Employer and Nonemployer Allocations

As of and for the year ended June 30, 2018

<u>Employer/ Nonemployer</u>	<u>Plan members</u>	<u>Allocation Percentage</u>
State of New Jersey	105,280	69.713544%
New Jersey Building Authority	7	0.004635%
Nonemployer - State of New Jersey	<u>45,731</u>	<u>30.281821%</u>
Total	<u><u>151,018</u></u>	<u><u>100.000000%</u></u>

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

State of New Jersey
State Health Benefit State Retired Employees Plan
Schedule of OPEB Amounts by Employer and Nonemployer
As of and for the year ended June 30, 2018

Deferred outflows of resources – June 30, 2018

<u>Employer/ Nonemployer</u>	<u>Total OPEB Liability</u>	<u>Differences between expected and actual experience</u>	<u>Changes of assumptions</u>	<u>Changes in proportion</u>	<u>Total deferred outflows of resources</u>
State of New Jersey	\$ 16,453,346,047	—	—	—	—
New Jersey Building Authority	1,093,972	—	—	303,627	303,627
Nonemployer - State of New Jersey	7,146,922,189	—	—	381,196,653	381,196,653
Total	<u>\$ 23,601,362,208</u>	<u>—</u>	<u>—</u>	<u>381,500,280</u>	<u>381,500,280</u>

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

Deferred inflows of resources – June 30, 2018

OPEB expense – Year ended June 30, 2018

Differences between expected and actual experience	Changes of assumptions	Changes in proportion	Total deferred inflows of resources	Proportionate share of allocable plan OPEB expense	Net amortization from changes in proportion	Total OPEB expense
1,656,649,951	3,815,428,000	381,500,280	5,853,578,231	639,107,796	(50,118,748)	588,989,048
110,150	253,685	—	363,835	42,494	42,240	84,734
719,607,322	1,657,326,538	—	2,376,933,860	277,612,449	50,076,508	327,688,957
<u>2,376,367,423</u>	<u>5,473,008,223</u>	<u>381,500,280</u>	<u>8,230,875,926</u>	<u>916,762,739</u>	<u>—</u>	<u>916,762,739</u>

State of New Jersey
State Health Benefit State Retired Employees Plan

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

June 30, 2018

(1) General Information about the OPEB Plan

The State Health Benefit State Retired Employees Plan (the Plan) is a single-employer defined benefit other postemployment benefit (OPEB) plan covering the State of New Jersey (the State), State colleges and universities, Palisades Interstate Park Commission (the Commission), and New Jersey Building Authority (collectively, the employers). As the employers are required to issue stand-alone financial statements, the Plan is treated as a cost-sharing multiple employer plan with a special funding situation for allocating the total OPEB liability and related OPEB amounts. The plan is administered on a pay-as-you-go basis. Accordingly, no assets are accumulated in a qualifying trust that meets the criteria in paragraph 4 of GASB Statement No. 75, *Accounting and Financial Reporting for the Postemployment Benefits Other Than Pensions* (GASB Statement No. 75). The Plan provides medical, prescription drug, and Medicare Part B reimbursement to retirees and their covered dependents of the employers.

In accordance with N.J.S.A. 52:14-17.32, the State is required to pay the premiums or periodic charges for health benefits of State employees who retiree with 25 years or more of service credit in, or retires on a disability pension from, one or more of the following plans: the Judicial Retirement System (JRS), the State Police Retirement System (SPRS), the Teachers' Pension and Annuity Fund (TPAF), the Public Employees' Retirement System (PERS), the Police and Firemen Retirement System (PFRS), or the Alternate Benefit Program (ABP). In addition, N.J.S.A. 52:14-17.26 provides that for purposes of the Plan, an employee of Rutgers, the State University of New Jersey, and New Jersey Institute of Technology shall be deemed to be an employee of the State. Further, Chapter 302, P.L. 1966 addresses the other State colleges and universities, whereas while these institutions were provided autonomy from the State, their employees retained any and all rights to health benefits within the Plan, therefore are classified as State employees. In addition, for the Commission, N.J.S.A. 34:14 states that employees of the Commission whose salary is paid in full from funds appropriated by the State shall be deemed to be employees of the State. As such, the State is legally obligated to pay the premiums for employees of the State, the State colleges and universities, and the Commission. The State shall also reimburse such retired employees for the premium charges under the Part B of the federal Medicare program covering the retired employee and the employee's spouse. Pursuant to Chapter 78, P.L. 2011, future retirees eligible for postretirement medical coverage who have less than 20 years of creditable service on June 28, 2011 will be required to pay a percentage of the cost of their health care coverage in retirement provided they retire with 25 or more years of pension service credit. The percentage of the premium for which the retiree will be responsible will be determined based on the retiree's annual retirement benefit and level of coverage.

(2) Basis of Presentation

The schedule of employer and nonemployer allocations and the schedule of OPEB amounts by employer and nonemployer (collectively, the Schedules) present amounts that are considered elements of the financial statements of 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 the participating employers or the State. The accompanying Schedules were prepared in accordance with U.S. generally accepted accounting principles. Such preparation requires management of the Plan 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.

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

June 30, 2018

(3) Allocation Methodology

GASB Statement No. 75 requires participating employers in the Plan to recognize their proportionate share of the collective total OPEB liability, collective deferred outflows of resources, collective deferred inflows of resources, and collective OPEB expense. The employer and nonemployer allocation percentages presented in the schedule of employer and nonemployer allocations and applied to amounts presented in the schedule of OPEB amounts by employer and nonemployer are based on the ratio of the members (active and retired) of an individual employer to the total members of the Plan during the measurement period July 1, 2017 through June 30, 2018. Employer and nonemployer allocation percentages have been rounded for presentation purposes; therefore, amounts presented in the schedule of OPEB amounts by employer and nonemployer may result in immaterial differences.

(4) Special Funding Situation

The State is legally required to pay for the OPEB benefit coverage for eligible retirees of the various State colleges and universities, and the Commission under N.J.S.A 52:14-17.32. Therefore, these employers are considered to be in a special funding situation as defined by GASB Statement No. 75 and the State is treated as a nonemployer contributing entity. Since these entities do not contribute directly to the plan, there is no total OPEB liability, deferred outflows of resources, or deferred inflows of resources to report in their respective financial statements. However, the notes to the financial statements of these entities must disclose the portion of the nonemployer contributing entities' total proportionate share of the total OPEB liability that is associated with the entities.

(5) Total OPEB Liability

The total OPEB liability as of June 30, 2018 was determined by an actuarial valuation as of June 30, 2017, which was rolled forward to June 30, 2018. The actuarial assumptions vary for each plan member depending on the pension plan the member is enrolled in. This actuarial valuation used the following actuarial assumptions, applied to all periods in the measurement:

Inflation rate	2.50%				
	<u>JRS</u>	<u>SPRS</u>	<u>TPAF/ABP</u>	<u>PERS</u>	<u>PFRS</u>
Salary increases:					
Through 2026	2.00%	2.95%	1.55 - 4.55%	1.65 - 4.15% based on age	2.10 - 8.98% based on age
Thereafter	3.00%	3.95%	2.00 - 5.45%	2.65 - 5.15% based on age	3.10 - 9.98% based on age

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Preretirement mortality rates were based on the RP-2006 Headcount-Weighted Healthy Employee Male/Female mortality table with fully generational mortality improvement projections from the central year using the MP-2017 scale. Postretirement mortality rates were based on the RP-2006 Headcount-Weighted Healthy Annuitant Male/Female mortality table with fully generational improvement projections from the central year using the MP-2017 scale. Disability mortality was based on the RP-2006 Headcount-Weighted Disabled Male/Female mortality table with fully generational improvement projections from the central year using the MP-2017 scale.

Certain actuarial assumptions used in the June 30, 2017 valuation were based on the results of actuarial experience studies of the State of New Jersey's defined benefit pension plans as follows:

Pension plan	Period
JRS	July 1, 2011 - June 30, 2014
SPRS	July 1, 2011 - June 30, 2014
TPAF*	July 1, 2012 - June 30, 2015
PERS	July 1, 2011 - June 30, 2014
PFRS	July 1, 2010 - June 30, 2013

* Experience of ABP is based off of TPAF's experience study

100% of all retirees who currently have healthcare coverage are assumed to continue with that coverage. 100% of active members are considered to participate in the Plan upon retirement, having a coverage blend of 85% and 15% in PPO and HMO, respectively.

Health Care Trend Assumptions

For pre-Medicare preferred provider organization (PPO) and health maintenance organization (HMO) medical benefits, the trend rate is initially 5.8% and decreases to a 5.0% long-term trend rate after eight years. For self-insured post-65 PPO and HMO medical benefits, the trend rate is 4.5%. For prescription drug benefits, the initial trend rate is 8.0% decreasing to a 5.0% long-term trend rate after seven years. For the Medicare Part B reimbursement, the trend rate is 5.0%. The Medicare Advantage trend rate is 4.5% and will continue in all future years.

Discount Rate

The discount rate for June 30, 2018 was 3.87%. This represents the municipal bond return rate as chosen by the State. The source is 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.

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Notes to Schedule of Employer and Nonemployer Allocations and Schedule of
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Sensitivity of Total OPEB Liability to Changes in the Discount Rate

The following presents the collective total OPEB liability of the participating employers as of June 30, 2018 calculated using the discount rate as disclosed above as well as what the collective total OPEB 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:

June 30, 2018		
At 1% decrease (2.87%)	At discount rate (3.87%)	At 1% increase (4.87%)
\$ 27,679,706,511	23,601,362,208	20,342,717,142

Sensitivity of Total OPEB Liability to Changes in the Healthcare Trend Rate:

The following presents the total OPEB liability as of June 30, 2018 calculated using the healthcare trend rate as disclosed above as well as what the total OPEB liability would be if it was calculated using a healthcare trend rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

June 30, 2018		
1% decrease	Healthcare cost trend rate	1% increase
\$ 19,652,093,352	23,601,362,208	28,737,724,369

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June 30, 2018

(6) Collective Deferred Inflows of Resources

The following presents a summary of changes in the collective deferred inflows of resources for the year ended June 30, 2018:

	Year of deferral	Amortization period	Beginning of year balance	Additions	Deductions	End of year balance
Deferred Inflows of Resources:						
Differences between expected and actual experience	2018	8.80 years	\$ —	2,681,029,913	304,662,490	2,376,367,423
Change of assumptions	2017	8.66 years	3,078,327,722	—	401,870,460	2,676,457,262
	2018	8.80 years	—	3,155,083,136	358,532,175	2,796,550,961
Subtotal			<u>3,078,327,722</u>	<u>3,155,083,136</u>	<u>760,402,635</u>	<u>5,473,008,223</u>
Total			<u>\$ 3,078,327,722</u>	<u>5,836,113,049</u>	<u>1,065,065,125</u>	<u>7,849,375,646</u>

The amounts reported as a deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Year ending June 30:	
2019	\$ (1,065,065,125)
2020	(1,065,065,125)
2021	(1,065,065,125)
2022	(1,065,065,125)
2023	(1,065,065,125)
Thereafter	<u>(2,524,050,021)</u>
Total	<u>\$ (7,849,375,646)</u>

Changes in Proportion

The previous amounts do not include employer specific deferred outflows of resources and deferred inflow of resources related to the changes in proportion. These amounts should be recognized (amortized) by each employer over the average remaining service lives of all plan members, which is 8.80 and 8.66 years for 2018 and 2017, respectively.

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Notes to Schedule of Employer and Nonemployer Allocations and Schedule of
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June 30, 2018

(7) OPEB Expense

The components of OPEB expense for the year ending June 30, 2018 is as follows:

Service cost	\$	953,073,726
Interest on total OPEB liability		1,028,754,138
Current period recognition (amortization) of deferred inflow s/outflow s of resources:		
Changes of assumptions		(760,402,635)
Difference between actual and expected experience		<u>(304,662,490)</u>
Total OPEB expense	\$	<u><u>916,762,739</u></u>

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Supplemental Schedule of Employer Special Funding Allocations (Unaudited)

As of and for the year ended June 30, 2018

<u>Employer</u>	<u>Employer number</u>	<u>Plan members</u>	<u>Employer proportionate share</u>
Rutgers, the State University of New Jersey	1229-00	25,940	56.723010%
New Jersey Institute of Technology	1285-00	1,589	3.474667%
Ramapo College of New Jersey	1812-00	933	2.040192%
The College of New Jersey	1820-00	1,899	4.152544%
Thomas Edison State University	1821-00	494	1.080230%
Stockton University	1822-00	1,434	3.135728%
New Jersey City University	1823-00	1,233	2.696202%
William Paterson University	1824-00	1,564	3.420000%
Rowan University	1825-00	3,116	6.813759%
Montclair University	1826-00	2,342	5.121253%
Kean University	1832-00	1,475	3.225383%
University Hospital	8157-00	3,578	7.824014%
Rowan University - Rutgers Camden Board	8180-00	4	0.008747%
Palisades Interstate Park Commission	9910-00	130	0.284271%
Total		<u>45,731</u>	<u>100.000000%</u>

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

State of New Jersey
State Health Benefit State Retired Employees Plan

Supplemental Schedule of Special Funding Amounts by Employer (Unaudited)

As of and for the year ended June 30, 2018

<u>Employer</u>	<u>Employer number</u>	<u>State proportionate share of total OPEB liability attributable to employer</u>	<u>Employer OPEB expense and related revenue</u>
Rutgers, the State University of New Jersey	1229-00	\$ 4,053,949,434	\$ 185,875,042
New Jersey Institute of Technology	1285-00	248,331,752	11,386,100
Ramapo College of New Jersey	1812-00	145,810,903	6,685,482
The College of New Jersey	1820-00	296,779,105	13,607,429
Thomas Edison State University	1821-00	77,203,200	3,539,795
Stockton University	1822-00	224,108,076	10,275,436
New Jersey City University	1823-00	192,695,438	8,835,155
William Paterson University	1824-00	244,424,708	11,206,961
Rowan University	1825-00	486,974,034	22,327,935
Montclair University	1826-00	366,011,934	16,781,779
Kean University	1832-00	230,515,629	10,569,225
University Hospital	8157-00	559,176,217	25,638,431
Rowan University - Rutgers Camden Board	8180-00	625,127	28,662
Palisades Interstate Park Commission	9910-00	20,316,632	931,525
Total		\$ <u>7,146,922,189</u>	\$ <u>327,688,957</u>

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

State of New Jersey
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Note to Supplemental Schedules (Unaudited)

June 30, 2018

(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 employer are provided as the employer is required to record in their financial statements, as an expense and corresponding revenue, their proportionate share of the OPEB expense allocated to the State of New Jersey under the special funding situation and include their proportionate share of the collective total OPEB liability in their respective notes to their financial statements. For this purpose, the proportionate share was developed based on eligible plan members subject to the special funding situation. This data takes into account active members from employer locations and retired members currently receiving OPEB benefits.