

**South Carolina Public Employee  
Benefit Authority**  
**South Carolina Retirement Systems**  
GASB Statements No. 67 and 68 Accounting and  
Financial Reporting for Pensions  
as of June 30, 2022





January 6, 2023

South Carolina Public Employee Benefit Authority  
South Carolina Retirement Systems  
P.O. Box 11960  
Columbia, SC 29211

**Subject: GASB Reporting and Disclosure Information for Measurement Period Ending June 30, 2022**

Dear Members of the Board:

This report contains information for each of the five retirement systems (i.e. South Carolina Retirement System, Police Officers Retirement System, Judges and Solicitors Retirement System, General Assembly Retirement System, and South Carolina National Guard Supplemental Retirement Plan) in connection with the Governmental Accounting Standards Board (GASB) Statement No. 67, "Financial Reporting for Pension Plans." Additionally, this report provides employers participating in the South Carolina Retirement Systems with information that is required in connection with GASB Statement No. 68, "Accounting and Financial Reporting for Pensions." This information can be used by participating employers in financial reporting for fiscal years ending between (and including) June 30, 2022 and June 30, 2023. The information provided herein was prepared for the purpose of assisting the South Carolina Public Employee Benefit Authority (PEBA) and participating employers in compliance with the financial reporting and disclosure requirements of GASB Statement Nos. 67 and 68.

The liability calculations presented in this report were performed for the purpose of satisfying the requirements of GASB Statement Nos. 67 and 68 and are not applicable for other purposes, such as determining the plans' funding requirements. The calculation of the plan's liability for other purposes may produce significantly different results. This report may be provided to parties other than PEBA only in its entirety and only with the permission of PEBA.

The total pension liability, net pension liability, and sensitivity information shown in this report are based on an actuarial valuation performed as of July 1, 2021. The total pension liability was rolled-forward from the valuation date to the plan's fiscal year end, June 30, 2022, using generally accepted actuarial principles. There was no legislation enacted during the 2022 legislative session that had a material change in benefit provisions for any of the systems. Additionally, there were no assumption changes during the fiscal year.

This report provides the Collective Pension Amounts under GASB Statement No. 68 which will be allocated to employers participating in SCRS and PORS. The proportionate share of the Collective Pension Amounts for employers that participate in SCRS and PORS, the cost-sharing multiple employer systems maintained by PEBA, are provided in an appendix to this report.

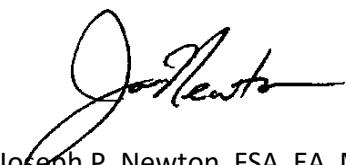
During the measurement period ending June 30, 2022, the State made a nonemployer contribution directly to SCRS and PORS. The appropriated funds have been determined not to qualify as a Special Funding Situation under GASB 68 for financial reporting purposes.

The information contained herein is based upon information furnished by PEBA, which includes benefit provisions, membership information, financial data, and employer contributions and employer credit from the State's contribution on the employers' behalf. We did not audit this data and information, but we did apply a number of tests and concluded that it was reasonable and consistent. GRS is not responsible for the accuracy or completeness of the information provided by PEBA.

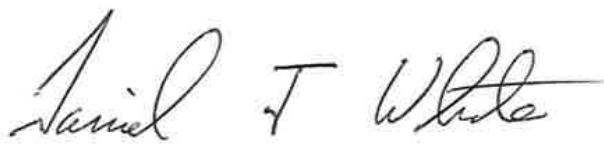
This report complements the actuarial valuation report as of July 1, 2021, provided for plan funding purposes, which was also provided to the Board and should be considered together as a complete report for the measurement date of June 30, 2022. Please see the actuarial valuation report as of July 1, 2021 for additional discussion of the actuarial valuation, including the nature of actuarial calculations and more information related to participant data, economic and demographic assumptions, and benefit provisions.

To the best of our knowledge, this report is complete and accurate and is in accordance with generally recognized actuarial practices and methods. All three of the undersigned are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion herein. Each of the following consultants are experienced in performing valuations for large public retirement systems.

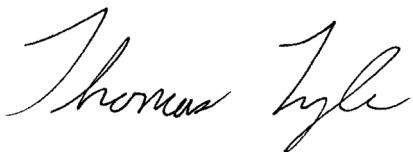
Respectfully submitted,  
**Gabriel, Roeder, Smith & Company**



Joseph P. Newton, FSA, EA, MAAA  
Pension Market Leader and Actuary



Daniel J. White, FSA, EA, MAAA  
Regional Director and Actuary



Thomas Lyle, FSA, FCA, EA, MAAA  
Consultant

## Table of Contents

	<u>Page</u>
<b>Section 1</b>	Discussion.....
<b>Section 2</b>	Accounting Exhibits.....
<b>Appendix A</b>	Collective Pension Amounts-SCRS
<b>Appendix B</b>	Collective Pension Amounts-PORS
<b>Appendix C</b>	Aggregate Collective Pension Amounts – SCRS & PORS

## **SECTION 1**

---

### **DISCUSSION**

# Discussion

## Accounting Standards

For pension plans that are administered through trusts or equivalent arrangements, Governmental Accounting Standards Board (GASB) Statement No. 67 establishes standards of financial reporting for separately issued financial reports and specifies the required approach for measuring the pension liability. Similarly, GASB Statement No. 68 establishes standards of financial reporting for employers whose employees participate in a pension plan.

The following discussion provides a summary of the information that is required to be disclosed under GASB Statement Nos. 67 and 68. A number of the required disclosure items under this standard are provided in this report. However, certain information, such as notes regarding accounting policies and investments, are not included in this report. Participating employers will be responsible for preparing and disclosing that information to comply with these accounting standards. Much of this additional information can be readily obtained from PEBA's 2022 Annual Report.

## Measurement of the Net Pension Liability

The net pension liability is the total pension liability, less the amount of the plan's fiduciary net position. In actuarial terms, this is analogous to the accrued liability as measured using the individual entry age normal actuarial cost method less the market value of assets (not the smoothed actuarial value of assets in the actuarial valuations based on the Board's adopted assumptions and methods).

The total pension liability, net pension liability, and sensitivity information shown in this report are based on an actuarial valuation performed as of July 1, 2021. The total pension liability was rolled-forward from the valuation date to the plan's fiscal year end, June 30, 2022, using generally accepted actuarial principles.

The single discount rate was based on an expected rate of return on pension plan investments of 7.00%. Based on the stated assumptions and the projection of cash flows, the pension plan's fiduciary net position and future contributions were projected to be available to finance all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

The projection of cash flows used to determine the single discount rate for the SCRS and PORS assumed that the funding policy specified in the South Carolina State Code will remain unchanged in future years. Similarly, it is also assumed that the current funding policy for the JSRS, GARS, and SCNG will be maintained by PEBA in future years.

## Methodology for Proportionate Shares

The proportionate share of the Collective Pension Amounts for employers that participate in SCRS and PORS, the cost-sharing multiple employer plans maintained by PEBA, are provided in an appendix to this report. The allocation of the employers' proportionate share of the Net Pension Liability and Pension Expense was determined using the employers' contributions for fiscal year 2022 (including contributions the employers made to the system on behalf of working retirees, and members in the State ORP) and allocated nonemployer credit for that year. This method is expected to be reflective of the employers' long-term contribution effort as well as be transparent to individual employers and their external auditors.

For the measurement period ending June 30, 2022, the State made a nonemployer contribution directly to SCRS and PORS. The appropriated funds have been determined not to qualify as a Special Funding Situation under GASB 68 for financial reporting purposes. The participating employers will receive a proportionate share of the Net Pension Liability and Pension Expense determined in accordance with paragraph 48 of GASB Statement No. 68. In accordance to paragraph 58 of GASB Statement No. 68, the participating employers will recognize revenue equal to their credited share of the State's appropriation.

## Summary of Population Statistics

The total pension liability described in this report is based on the plan membership as of July 1, 2021:

Membership Status	SCRS (1)	PORS (2)	JSRS <sup>1</sup> (3)	GARS (4)	SCNG (5)
Inactive plan members currently receiving benefits: <sup>2</sup>	148,008	20,181	229	341	5,027
Inactive plan members entitled to but not yet receiving benefits:	207,341	20,589	5	37	1,635
Active Plan Members:	199,162	26,555	140	73	12,146
Total Plan Members:	554,511	67,325	374	451	18,808

<sup>1</sup> JSRS count may differ from the valuation count due to unfilled positions.

<sup>2</sup> Includes retirees, beneficiaries, disabled members, and members receiving an annuity while contributing as a return to work retiree.

## Recognition of Deferred Outflows and Inflows of Resources

According to paragraph 33 of GASB Statement No. 68, *differences between expected and actual experience and changes in assumptions* are recognized in pension expense using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with pensions through the pension plan (active employees and inactive members) determined as of the beginning of the measurement period.

At the beginning of the measurement period ending June 30, 2022, the expected remaining service lives of all employees was the following for each retirement system and the average of the expected remaining service lives for purposes of recognizing the applicable deferred outflows and inflows of resources established in the 2022 fiscal year.

<b>Development of Average Expected Remaining Service Life</b>	<b>SCRS</b> <b>(1)</b>	<b>PORS</b> <b>(2)</b>	<b>JSRS</b> <b>(3)</b>	<b>GARS</b> <b>(4)</b>	<b>SCNG</b> <b>(5)</b>
Total expected remaining service lives of all employees (years):	2,088,812	258,944	1,529	423	199,308
Total plan members:	554,511	67,325	374	451	18,808
Average expected remaining service life (years):	3.767	3.846	4.088	0.938	10.597

Additionally, differences between projected and actual earnings on pension plan investments should be recognized in pension expense using a systematic and rational method over a closed five-year period. For this purpose, the deferred outflows and inflows of resources are recognized in the pension expense as a level dollar amount over the closed period identified above.

## **SECTION 2**

---

### **ACCOUNTING EXHIBITS**

## Exhibit 1

### Schedule of the Employers' Net Pension Liability as of June 30, 2022

System (1)	Total Pension Liability (2)	Plan Fiduciary Net Position (3)	Employers' Net Pension Liability (Asset) (4)	Plan Fiduciary Net Position as a Percentage of the Total Pension Liability (5)	Covered Payroll <sup>1</sup> (6)	Net Pension Liability as a Percentage of Covered Payroll (7)
South Carolina Retirement System (SCRS)	\$ 56,454,779,872	\$ 32,212,626,932	\$ 24,242,152,940	57.1%	\$ 9,925,834,395	244.2%
Police Officers Retirement System (PORS)	8,937,686,946	5,938,707,767	2,998,979,179	66.4%	1,434,620,961	209.0%
Retirement System for Judges and Solicitors (JSRS)	458,502,279	206,673,901	251,828,378	45.1%	31,104,425	809.6%
Retirement System for the General Assembly (GARS)	70,147,597	42,476,149	27,671,448	60.6%	1,248,600	2,216.2%
National Guard Supplemental Retirement Plan (SCNG)	69,167,581	39,567,624	29,599,957	57.2%	Not Applicable <sup>2</sup>	Not Applicable <sup>2</sup>

Note:

<sup>1</sup> The projected payroll for fiscal year 2022 is based on the actuarial valuation as of July 1, 2021.

<sup>2</sup> The contributions and benefits associated with the SCNG are not determined as a function of payroll.

**Exhibit 2**  
**Schedule of Changes in the Employers' Net Pension Liability**  
**for the Measurement Period Ending June 30, 2022**

Change in the Net Pension Liability (1)	SCRS (2)	PORS (3)	JSRS (4)	GARS (5)	SCNG (6)
<b>Total pension liability</b>					
Service Cost	\$ 1,069,012,364	\$ 218,062,386	\$ 9,514,844	\$ 275,067	\$ 791,342
Interest	3,778,285,356	598,566,225	30,554,250	4,815,200	4,653,608
Benefit Changes	0	0	0	0	0
Difference between actual and expected experience	(142,936,283)	(78,184,936)	(248,878)	(419,855)	(58,609)
Assumption Changes	0	0	0	0	0
Benefit Payments	(3,381,160,928)	(485,343,217)	(26,099,610)	(6,347,720)	(4,606,418)
<b>Net Change in Total Pension Liability</b>	<b>1,323,200,509</b>	<b>253,100,458</b>	<b>13,720,606</b>	<b>(1,677,308)</b>	<b>779,923</b>
<b>Total Pension Liability - Beginning</b>	<b>55,131,579,363</b>	<b>8,684,586,488</b>	<b>444,781,673</b>	<b>71,824,905</b>	<b>68,387,658</b>
<b>Total Pension Liability - Ending (a)</b>	<b>\$ 56,454,779,872</b>	<b>\$ 8,937,686,946</b>	<b>\$ 458,502,279</b>	<b>\$ 70,147,597</b>	<b>\$ 69,167,581</b>
<b>Plan Fiduciary Net Position</b>					
Contributions - Employer	\$ 1,884,209,240	\$ 292,363,453	\$ 19,577,136	\$ 6,279,000	\$ 5,289,726
Contributions - Nonemployer	88,705,515	12,470,282	2,900,000	0	0
Contributions - Member	983,536,277	163,535,695	3,011,963	164,274	0
Refunds of contributions to members	(160,566,971)	(32,691,114)	0	0	0
Retirement benefits	(3,189,790,358)	(447,401,253)	(26,089,610)	(6,331,599)	(4,606,418)
Death benefits	(30,803,599)	(5,250,850)	(10,000)	(16,121)	0
Net Investment Income	(832,363,490)	(155,637,980)	(5,201,314)	(1,045,018)	(878,561)
Administrative Expense	(17,990,391)	(3,256,918)	(113,650)	(23,683)	(21,219)
Net transfers to affiliated systems	(2,615,261)	2,904,388	(83,383)	(205,745)	0
Other	0	0	0	0	0
<b>Net Change in Plan Fiduciary Net Position</b>	<b>(1,277,679,038)</b>	<b>(172,964,297)</b>	<b>(6,008,858)</b>	<b>(1,178,892)</b>	<b>(216,472)</b>
<b>Plan Fiduciary Net Position - Beginning</b>	<b>33,490,305,970</b>	<b>6,111,672,064</b>	<b>212,682,759</b>	<b>43,655,041</b>	<b>39,784,096</b>
<b>Plan Fiduciary Net Position - Ending (b)</b>	<b>\$ 32,212,626,932</b>	<b>\$ 5,938,707,767</b>	<b>\$ 206,673,901</b>	<b>\$ 42,476,149</b>	<b>\$ 39,567,624</b>
<b>Net Pension Liability - Ending (a) - (b)</b>	<b>24,242,152,940</b>	<b>2,998,979,179</b>	<b>251,828,378</b>	<b>27,671,448</b>	<b>29,599,957</b>
<b>Plan Fiduciary Net Position as a Percentage of the Total Pension Liability</b>	57.1%	66.4%	45.1%	60.6%	57.2%
<b>Covered Payroll</b>	<b>\$ 9,925,834,395</b>	<b>\$ 1,434,620,961</b>	<b>\$ 31,104,425</b>	<b>\$ 1,248,600</b>	<b>N/A</b>
<b>Net Pension Liability as a Percentage of Covered Payroll</b>	244.2%	209.0%	809.6%	2,216.2%	N/A



## Exhibit 3

### Schedule of the Employers' and Nonemployer's Contributions for the Measurement Period Ending June 30, 2022

**Table 1. Schedule of Employers and Nonemployer's Contributions for SCRS, PORS, and JSRS**

System (1)	Actuarially Determined Contribution as a Percent of Covered Payroll <sup>1, 2</sup> (2)	Actual Contributions as a percentage of Covered Payroll (3)	Contribution Deficiency (Excess) (4)	Total Contributions for the 2021 Fiscal Year <sup>3</sup> (5)	Covered Payroll <sup>4</sup> (6)
South Carolina Retirement System (SCRS)	19.88%	19.88%	\$ 0	\$ 1,972,914,755	\$ 9,925,834,395
Police Officers Retirement System (PORS)	21.25%	21.25%	0	304,833,735	1,434,620,961
Retirement System for Judges and Solicitors (JSRS)	72.26%	72.26%	0	22,477,136	31,104,425

**Table 2. Schedule of Employer Contributions for GARS and the SCNG**

System (1)	Actuarially Determined Contribution <sup>5</sup> (2)	Total Employer Contributions for the 2021 Fiscal Year (3)	Contribution Deficiency (Excess) (4)	Covered Payroll <sup>6</sup> (5)
Retirement System for the General Assembly (GARS)	\$ 6,279,000	\$ 6,279,000	\$ 0	\$ 1,248,600
National Guard Supplemental Retirement Plan (SCNG)	4,405,123	5,289,726	(884,603)	N/A

<sup>1</sup> The actuarially determined contribution rate for SCRS and PORS is determined in accordance with South Carolina State Code. The contribution rate for fiscal year 2022 is determined in accordance with the Retirement System Funding and Administration Act of 2017.

<sup>2</sup> The actuarially determined contribution rate for JSRS adopted by the PEBA Board is 62.94% of pay. In addition, the State makes \$2.9 million in non-payroll based appropriations as part of the State's total contribution effort.

<sup>3</sup> Includes employer contributions on employee payroll and contributions remitted to SCRS on the payroll of employees participating in the State ORP. Total contributions for SCRS and PORS includes nonemployer contributions.

<sup>4</sup> Projected covered employee payroll is based on the actuarial valuation associated with the measurement date.

<sup>5</sup> The actuarially determined contributions are based on the funding policy maintained by the South Carolina Public Employee Benefit Authority.

<sup>6</sup> GARS was closed to new members beginning with the 2012 general election. Employer contributions to the SCNG are not a function of pay.

## Notes to Schedule of Employers' and Nonemployer's Contributions for Fiscal Year 2022

The actual contribution rates and the actuarially determined contribution rates documented in the schedule on the previous page for SCRS and PORS are determined in accordance with Sections 9-1-1085 and 9-11-225 of the South Carolina Code, respectively. Contribution requirements for JSRS, GARS and the SCNG are determined in accordance with funding policies established and maintained by the PEBA Board. The actuarial methods and assumptions used to determine the contribution rates reported in that schedule are as follows:

Item	SCRS	PORS	JSRS	GARS	SCNG
(1)	(2)	(3)	(4)	(5)	(6)
Actuarial Valuation Date:	July 1, 2020	July 1, 2020	July 1, 2020	July 1, 2020	July 1, 2020
Actuarial Cost Method:	Entry Age Normal	Entry Age Normal	Entry Age Normal	Entry Age Normal	Entry Age Normal
Asset Valuation Method:	5-year Smoothed	5-year Smoothed	5-year Smoothed	5-year Smoothed	5-year Smoothed
Amortization Method:	Level % of Pay	Level % of Pay	Level % of Pay	Level Dollar	Level Dollar
Amortization Period as of the actuarial valuation date:	27-year maximum, closed period	27-year maximum, closed period	27-year maximum, closed period	7-year closed period	16-year closed period
Investment Return:	7.25%	7.25%	7.25%	7.25%	7.25%
Inflation:	2.25%	2.25%	2.25%	2.25%	2.25%
Salary Increases:	3.00% plus step-rate increases for members with less than 21 years of service.	3.50% plus step-rate increases for members with less than 15 years of service.	2.75%	None.	None.
Mortality:	The 2016 Public Retirees of South Carolina Mortality Tables for Males and Females, both projected at Scale AA from the year 2016. Male rates multiplied by 100% for non-educators and 92% for educators. Female rates multiplied by 111% for non-educators and 98% for educators.	The 2016 Public Retirees of South Carolina Mortality Tables for Males and Females, both projected at Scale AA from the year 2016. Male rates are multiplied by 125% and female rates are multiplied by 111%	The 2016 Public Retirees of South Carolina Mortality Tables for Males and Females, both projected at Scale AA from the year 2016. Male rates are multiplied by 92% and female rates are multiplied by 98%.	The 2016 Public Retirees of South Carolina Mortality Tables for Males and Females, both projected at Scale AA from the year 2016. Male rates are multiplied by 100% and female rates are multiplied by 111%.	The 2016 Public Retirees of South Carolina Mortality Tables for Males and Females, both projected at Scale AA from the year 2016. Male rates are multiplied by 125% and female rates are multiplied by 111%.
Comment on the development of the actuarially determined and actual contribution rate:	Contribution rate for fiscal year 2022 is determined in accordance with the Retirement System Funding and Administration Act of 2017.	Contribution rate for fiscal year 2022 is determined in accordance with the Retirement System Funding and Administration Act of 2017.	Contribution rate for fiscal year 2022 is determined by the 2020 actuarial valuation.	Contribution rate for fiscal year 2022 is determined by the 2020 actuarial valuation.	Contribution rate for fiscal year 2022 is determined by the 2020 actuarial valuation.

## Exhibit 4

### Sensitivity of the Net Pension Liability to Changes in the Discount Rate for the Measurement Period Ending June 30, 2022

System (1)	1.00% Decrease (6.00%) (2)	Current Discount Rate (7.00%) (3)	1.00% Increase (8.00%) (4)
South Carolina Retirement System (SCRS)	\$ 31,081,431,145	\$ 24,242,152,940	\$ 18,556,181,381
Police Officers Retirement System (PORS)	4,181,895,856	2,998,979,179	2,030,650,511
Retirement System for Judges and Solicitors (JSRS)	303,831,917	251,828,378	208,411,359
Retirement System for the General Assembly (GARS)	33,741,161	27,671,448	22,436,624
National Guard Supplemental Retirement Plan (SCNG)	38,426,611	29,599,957	22,405,335

## Exhibit 5

### Components of Aggregate Pension Expense For the Measurement Period Ending June 30, 2022

	<b>SCRS</b> (1)	<b>PORS</b> (2)	<b>JSRS</b> (3)	<b>GARS</b> (4)	<b>SCNG</b> (5)
1. Total service cost:	\$ 1,069,012,364	\$ 218,062,386	\$ 9,514,844	\$ 275,067	\$ 791,342
2. Interest on total pension liability:	3,778,285,356	598,566,225	30,554,250	4,815,200	4,653,608
3. Current-period benefit changes:	-	-	-	-	-
4. Member contributions:	(983,536,277)	(163,535,695)	(3,011,963)	(164,274)	-
5. Projected earnings on plan investments:	(2,328,735,374)	(427,210,623)	(14,859,529)	(3,051,167)	(2,808,060)
6. Administrative expense:	17,990,391	3,256,918	113,650	23,683	21,219
7. Other:	2,615,261	(2,904,388)	83,383	205,745	-
8. Recognition of deferred outflows/ (inflows) due to liabilities: <sup>1</sup>	498,586,944	68,928,610	26,502,024	(419,855)	(16,818)
9. Recognition of deferred outflows/ (inflows) due to assets: <sup>2</sup>	<u>(19,967,519)</u>	<u>(3,043,489)</u>	<u>57,539</u>	<u>104,681</u>	<u>207,657</u>
<b>10. Total Aggregate Pension Expense:</b>	<b>\$ 2,034,251,146</b>	<b>\$ 292,119,944</b>	<b>\$ 48,954,198</b>	<b>\$ 1,789,080</b>	<b>\$ 2,848,948</b>

<sup>1</sup> Liability experience and assumption changes.

<sup>2</sup> Difference between projected and actual investment experience.

## Exhibit 6

### Statement of Outflows and Inflows Arising from Current and Prior Reporting Periods For the Measurement Period Ending June 30, 2022 for SCRS

#### A. Outstanding Balance of Deferred Outflows and Inflows of Resources by Source

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 3,161,098,864	\$ 0	\$ 4,756,440,445	\$ 4,739,021,737	\$ 17,418,708
2. Differences between expected and actual experience	0	142,936,283	368,634,086	172,144,096	196,489,990
3. Assumption Changes	0	0	1,184,572,311	0	1,184,572,311
<b>4. Total</b>	<b>\$ 3,161,098,864</b>	<b>\$ 142,936,283</b>	<b>\$ 6,309,646,842</b>	<b>\$ 4,911,165,833</b>	<b>\$ 1,398,481,009</b>

#### B. Outflows and Inflows of Resources by Source to be Recognized in Current Year Pension Expense

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 632,219,773	\$ 0	\$ 1,190,080,759	\$ 1,210,048,278	\$ (19,967,519)
2. Differences between expected and actual experience	0	37,944,328	158,015,037	66,497,616	91,517,421
3. Assumption Changes	0	0	407,069,523	0	407,069,523
<b>4. Total</b>	<b>\$ 632,219,773</b>	<b>\$ 37,944,328</b>	<b>\$ 1,755,165,319</b>	<b>\$ 1,276,545,894</b>	<b>\$ 478,619,425</b>

#### C. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 2,528,879,091	\$ 0	\$ 3,566,359,686	\$ 3,528,973,459	\$ 37,386,227
2. Differences between expected and actual experience	0	104,991,955	210,619,049	105,646,480	104,972,569
3. Assumption Changes	0	0	777,502,788	0	777,502,788
<b>4. Total</b>	<b>\$ 2,528,879,091</b>	<b>\$ 104,991,955</b>	<b>\$ 4,554,481,523</b>	<b>\$ 3,634,619,939</b>	<b>\$ 919,861,584</b>



## Exhibit 7

### Statement of Outflows and Inflows Arising from Current and Prior Reporting Periods For the Measurement Period Ending June 30, 2022 for PORS

#### A. Outstanding Balance of Deferred Outflows and Inflows of Resources by Source

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 582,848,603	\$ 0	\$ 866,197,146	\$ 860,184,460	\$ 6,012,686
2. Differences between expected and actual experience	0	78,184,936	87,528,374	86,197,925	1,330,449
3. Assumption Changes	0	0	183,512,454	0	183,512,454
<b>4. Total</b>	<b>\$ 582,848,603</b>	<b>\$ 78,184,936</b>	<b>\$ 1,137,237,974</b>	<b>\$ 946,382,385</b>	<b>\$ 190,855,589</b>

#### B. Outflows and Inflows of Resources by Source to be Recognized in Current Year Pension Expense

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 116,569,721	\$ 0	\$ 215,442,422	\$ 218,485,911	\$ (3,043,489)
2. Differences between expected and actual experience	0	20,328,897	37,211,545	26,913,112	10,298,433
3. Assumption Changes	0	0	58,630,177	0	58,630,177
<b>4. Total</b>	<b>\$ 116,569,721</b>	<b>\$ 20,328,897</b>	<b>\$ 311,284,144</b>	<b>\$ 245,399,023</b>	<b>\$ 65,885,121</b>

#### C. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 466,278,882	\$ 0	\$ 650,754,724	\$ 641,698,549	\$ 9,056,175
2. Differences between expected and actual experience	0	57,856,039	50,316,829	59,284,813	(8,967,984)
3. Assumption Changes	0	0	124,882,277	0	124,882,277
<b>4. Total</b>	<b>\$ 466,278,882</b>	<b>\$ 57,856,039</b>	<b>\$ 825,953,830</b>	<b>\$ 700,983,362</b>	<b>\$ 124,970,468</b>



## Exhibit 8

### Statement of Outflows and Inflows Arising from Current and Prior Reporting Periods For the Measurement Period Ending June 30, 2022 for JSRS

#### A. Outstanding Balance of Deferred Outflows and Inflows of Resources by Source

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 20,060,843	\$ 0	\$ 29,648,749	\$ 28,716,365	\$ 932,384
2. Differences between expected and actual experience	0	248,878	24,463,124	248,878	24,214,246
3. Assumption Changes	0	0	12,748,541	0	12,748,541
<b>4. Total</b>	<b>\$ 20,060,843</b>	<b>\$ 248,878</b>	<b>\$ 66,860,414</b>	<b>\$ 28,965,243</b>	<b>\$ 37,895,171</b>

#### B. Outflows and Inflows of Resources by Source to be Recognized in Current Year Pension Expense

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 4,012,169	\$ 0	\$ 7,361,214	\$ 7,303,675	\$ 57,539
2. Differences between expected and actual experience	0	60,880	21,872,492	60,880	21,811,612
3. Assumption Changes	0	0	4,690,412	0	4,690,412
<b>4. Total</b>	<b>\$ 4,012,169</b>	<b>\$ 60,880</b>	<b>\$ 33,924,118</b>	<b>\$ 7,364,555</b>	<b>\$ 26,559,563</b>

#### C. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 16,048,674	\$ 0	\$ 22,287,535	\$ 21,412,690	\$ 874,845
2. Differences between expected and actual experience	0	187,998	2,590,632	187,998	2,402,634
3. Assumption Changes	0	0	8,058,129	0	8,058,129
<b>4. Total</b>	<b>\$ 16,048,674</b>	<b>\$ 187,998</b>	<b>\$ 32,936,296</b>	<b>\$ 21,600,688</b>	<b>\$ 11,335,608</b>



## Exhibit 9

### Statement of Outflows and Inflows Arising from Current and Prior Reporting Periods For the Measurement Period Ending June 30, 2022 for GARS

#### A. Outstanding Balance of Deferred Outflows and Inflows of Resources by Source

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 4,096,185	\$ 0	\$ 6,081,678	\$ 5,582,894	\$ 498,784
2. Differences between expected and actual experience	0	419,855	0	419,855	(419,855)
3. Assumption Changes	0	0	0	0	0
<b>4. Total</b>	<b>\$ 4,096,185</b>	<b>\$ 419,855</b>	<b>\$ 6,081,678</b>	<b>\$ 6,002,749</b>	<b>\$ 78,929</b>

#### B. Outflows and Inflows of Resources by Source to be Recognized in Current Year Pension Expense

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 819,237	\$ 0	\$ 1,515,307	\$ 1,410,626	\$ 104,681
2. Differences between expected and actual experience	0	419,855	0	419,855	(419,855)
3. Assumption Changes	0	0	0	0	0
<b>4. Total</b>	<b>\$ 819,237</b>	<b>\$ 419,855</b>	<b>\$ 1,515,307</b>	<b>\$ 1,830,481</b>	<b>\$ (315,174)</b>

#### C. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 3,276,948	\$ 0	\$ 4,566,371	\$ 4,172,268	\$ 394,103
2. Differences between expected and actual experience	0	0	0	0	0
3. Assumption Changes	0	0	0	0	0
<b>4. Total</b>	<b>\$ 3,276,948</b>	<b>\$ 0</b>	<b>\$ 4,566,371</b>	<b>\$ 4,172,268</b>	<b>\$ 394,103</b>



## Exhibit 10

### Statement of Outflows and Inflows Arising from Current and Prior Reporting Periods For the Measurement Period Ending June 30, 2022 for SCNG

#### A. Outstanding Balance of Deferred Outflows and Inflows of Resources by Source

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 3,686,621	\$ 0	\$ 5,434,736	\$ 4,573,257	\$ 861,479
2. Differences between expected and actual experience	0	58,609	216,387	4,011,435	(3,795,048)
3. Assumption Changes	0	0	3,135,675	0	3,135,675
<b>4. Total</b>	<b>\$ 3,686,621</b>	<b>\$ 58,609</b>	<b>\$ 8,786,798</b>	<b>\$ 8,584,692</b>	<b>\$ 202,106</b>

#### B. Outflows and Inflows of Resources by Source to be Recognized in Current Year Pension Expense

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 737,324	\$ 0	\$ 1,350,985	\$ 1,143,328	\$ 207,657
2. Differences between expected and actual experience	0	5,531	56,453	540,732	(484,279)
3. Assumption Changes	0	0	467,461	0	467,461
<b>4. Total</b>	<b>\$ 737,324</b>	<b>\$ 5,531</b>	<b>\$ 1,874,899</b>	<b>\$ 1,684,060</b>	<b>\$ 190,839</b>

#### C. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Established in Current Fiscal Year		Total due to Sources Established in Current and Prior Fiscal Years		
	Outflows of Resources	Inflows of Resources	Outflows of Resources	Inflows of Resources	Outflows/(Inflows) of Resources
1. Net Difference between projected and actual earnings on pension plan investments	\$ 2,949,297	\$ 0	\$ 4,083,751	\$ 3,429,929	\$ 653,822
2. Differences between expected and actual experience	0	53,078	159,934	3,470,703	(3,310,769)
3. Assumption Changes	0	0	2,668,214	0	2,668,214
<b>4. Total</b>	<b>\$ 2,949,297</b>	<b>\$ 53,078</b>	<b>\$ 6,911,899</b>	<b>\$ 6,900,632</b>	<b>\$ 11,267</b>



## Exhibit 11

### Statement of Deferred Outflows and Inflows of Resources by Year to be recognized in Future Pension Expense

<b>Period</b>	<b>SCRS</b> (1)	<b>PORS</b> (2)	<b>JSRS</b> (3)	<b>GARS</b> (4)	<b>SCNG</b> (5)
Fiscal Year + 1	\$ 538,666,351	\$ 67,392,590	\$ 6,671,404	\$ 124,552	\$ 190,859
Fiscal Year + 2	322,183,474	45,701,323	3,843,668	21,833	103,187
Fiscal Year + 3	(573,208,013)	(104,693,164)	(3,186,273)	(571,519)	(407,924)
Fiscal Year + 4	632,219,772	116,569,719	4,006,809	819,237	703,475
Fiscal Year + 5	0	0	0	0	8,524
Thereafter	0	0	0	0	(586,854)
<b>Total</b>	<b>\$ 919,861,584</b>	<b>\$ 124,970,468</b>	<b>\$ 11,335,608</b>	<b>\$ 394,103</b>	<b>\$ 11,267</b>

Note: The deferred outflow and inflow of resources that are projected to be recognized in future pension expense shown in the table above are for the established bases that are allocated in proportionate share to the participating employers in the System and do not include bases established for individual employers attributable to changes in proportionate shares and differences between employer contributions and the proportionate share of plan contributions.

## **APPENDIX A**

---

### **COLLECTIVE PENSION AMOUNTS - SCRS**



















## **APPENDIX B**

---

### **COLLECTIVE PENSION AMOUNTS - PORS**



















## **APPENDIX C**

---

### **AGGREGATE COLLECTIVE PENSION AMOUNTS - SCRS & PORS**













South Carolina Public Employee Benefit Authority

## **Aggregation of GASB 68 Information for Participating Employers in SCRS and PORS for the Measurement Period Ending June 30, 2022**

South Carolina Public Employee Benefit Authority

## **Aggregation of GASB 68 Information for Participating Employers in SCRS and PORS for the Measurement Period Ending June 30, 2022**

Net Pension Liability as of June 30, 2022				Outstanding Balance of Deferred Outflows of Resources						Outstanding Balance of Deferred Inflows of Resources						Pension Expense and Revenue Offset			Recognition of Existing Deferred Outflows (Inflows) of Resources for Future Measurement Periods Ending June 30,											
Participating Employer	Employer Allocation %	Discount Rate 7.00%	Discount Rate Less 1.00% 6.00%	Discount Rate Plus 1.00% 8.00%	Liability Experience	Assumption Changes	Investment Experience	Change in Proportion & Differences Between Employer Contrib. & Proportionate Share of Plan Contributions			Total Deferred Outflow of Resources	Liability Experience	Assumption Changes	Investment Experience	Change in Proportion & Differences Between Employer Contrib. & Proportionate Share of Plan Contributions			Total Deferred Inflow of Resources	Employer Pension Expense	Revenue Credit	for Nonemployer Contribution		2023	2024	2025	2026	2027	Thereafter		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)									
74228	N/A	3,427,212	4,764,665	2,331,919	56,466	141,490	734,734	910,560	1,843,250	65,778	-	724,574	833,695	1,624,047	198,163	-	52,632	173,138	(138,142)	131,576	-	-	-	-	-	-	-			
74229	N/A	4,306,356	5,887,398	3,008,352	63,785	169,308	861,307	2,715,576	3,809,976	69,000	-	849,849	1,999,160	2,918,009	713,357	12,627	879,596	(248,218)	106,582	154,002	-	-	-	-	-	-	-			
74230	N/A	40,242,651	54,016,850	28,899,809	523,997	1,496,627	7,426,371	1,458,923	10,906,218	507,523	-	7,332,462	2,659,613	10,499,598	5,185,801	172,476	(404,007)	569,907	(1,084,460)	1,325,180	-	-	-	-	-	-	-			
74231	N/A	557,389	777,246	377,416	9,352	23,211	120,949	37,971	191,483	11,019	-	119,266	16,972	147,257	25,314	-	32,366	11,329	(21,135)	21,665	-	-	-	-	-	-	-			
74232	N/A	949,248	1,217,053	726,603	8,247	30,445	139,648	27,402	205,742	4,137	-	138,184	39,641	181,962	81,614	-	22,413	10,039	(33,428)	24,755	-	-	-	-	-	-	-			
74234	N/A	696,805	971,653	471,817	11,691	29,016	151,201	133,774	305,682	13,775	-	149,097	26,367	189,239	115,980	-	46,669	46,768	(4,076)	27,083	-	-	-	-	-	-	-			
74239	N/A	189,998	264,941	128,651	3,188	7,912	41,228	53,904	106,232	3,756	-	40,654	4,852	49,262	43,591	-	28,507	25,958	(4,881)	7,386	-	-	-	-	-	-	-			
74241	N/A	-	-	-	-	-	-	-	0	0	-	-	-	38	38	(1,345)	-	(38)	-	-	-	-	-	-	-	-	-	-		
74242	N/A	3,739,616	4,794,649	2,862,493	32,490	119,938	550,150	264,161	966,739	16,297	-	544,383	82,476	643,156	163,039	-	107,784	153,466	(35,194)	97,527	-	-	-	-	-	-	-			
74243	N/A	4,076,545	5,226,634	3,120,396	35,418	130,744	599,717	776,899	1,542,778	17,765	-	593,430	331,486	94,681	1,256,223	-	729,728	(78,678)	(156,817)	106,314	-	-	-	-	-	-	-			
74301	N/A	52,368,289	69,449,329	38,271,120	621,129	1,876,105	9,139,243	604,967	12,241,444	544,713	-	9,028,135	1,070,639	10,643,487	4,540,157	218,748	948,591	(1,674,971)	1,628,418	-	-	-	-	-	-	-	-			
74302	N/A	48,858,979	64,576,020	35,079,030	563,705	1,731,692	3,890,316	304,525	10,990,238	478,111	-	8,289,540	1,728,400	10,496,051	3,691,843	222,409	445,041	188,322	(1,633,489)	1,494,312	-	-	-	-	-	-	-			
74304	N/A	1,255,478	1,609,678	961,007	10,908	40,266	184,698	17,145	253,017	5,471	-	182,762	129,923	318,156	29,347	7,049	(43,203)	19,745	(24,933)	32,742	-	-	-	-	-	-	-			
74305	N/A	1,820,008	2,333,475	1,393,127	15,812	58,372	267,749	44,297	386,230	7,932	-	264,942	97,268	370,142	136,996	-	27,720	10,570	(69,666)	47,464	-	-	-	-	-	-	-			
74306	N/A	2,933,125	3,760,628	2,245,164	25,483	94,072	431,504	172,728	723,787	12,782	-	426,980	50,147	489,909	258,303	-	103,398	119,813	(65,826)	76,494	-	-	-	-	-	-	-			
74307	N/A	1,825,874	2,340,996	1,397,617	15,863	58,560	266,612	42,283	385,318	7,957	-	265,796	142,034	415,787	105,114	8,630	2,459	(1,874)	(78,673)	47,618	-	-	-	-	-	-	-			
74308	N/A	43,895	56,279	33,600	381	1,408	6,458	62,491	70,738	191	-	6,390	70,075	76,656	13,055	76	10,415	2,983	(20,462)	1,146	-	-	-	-	-	-	-			
74309	N/A	45,899	58,849	35,134	399	1,472	6,752	0	8,623	200	-	6,682	7,692	14,574	(312)	240	(2,583)	(1,948)	(2,617)	1,196	-	-	-	-	-	-	-			
74310	N/A	3,012,406	3,862,276	2,305,849	26,172	96,615	443,167	252,187	818,141	13,128	-	438,521	25,717	477,366	310,553	-	153,283	146,020	(37,089)	78,562	-	-	-	-	-	-	-			
74311	N/A	11,593,110	14,865,078	8,872,952	100,814	371,928	1,706,306	11,375	2,190,423	50,698	-	1,688,409	1,166,079	2,095,186	87,294	46,489	(286,388)	(316,470)	302,489	-	-	-	-	-	-	-				
74312	N/A	58,958	75,592	45,130	512	1,891	8,674	49	11,126	257	-	8,583	3,681	12,521	5,167	262	(304)	(586)	1,537	-	-	-	-	-	-	-				
74313	N/A	919,339	1,178,706	703,709	7,987	29,485	135,248	157,056	329,776	4,006	-	133,830	277,723	415,559	10,997	(55,434)	19,280	(73,605)	23,976	-	-	-	-	-	-	-				
74401	N/A	17,757,850	23,545,127	12,981,360	210,275	635,767	3,096,074	719,643	4,661,759	184,047	-	3,058,461	72,307	3,314,815	1,824,817	72,963	642,536	518,839	(366,072)	551,641	-	-	-	-	-	-	-			
74402	N/A	13,076,879	17,181,254	9,683,089	143,519	454,778	2,182,094	27,020	2,807,411	113,955	-	2,156,465	438,211	2,708,631	92,747	61,984	101,006	45,114	(435,658)	388,317	-	-	-	-	-	-	-			
74405	N/A	537,150	688,693	411,162	4,667	17,228	79,022	98,155	199,072	2,341	-	78,194	10,937	91,472	94,192	1,621	53,373	30,786	9,433	14,008	-	-	-	-	-	-	-			
74406	N/A	67,498	890,395	497,021	7,664	23,776	114,841	59,477	205,758	6,369	-	113,471	11,887	131,727	93,365	2,130	29,995	31,293	(7,704)	20,448	-	-	-	-	-	-	-			
74407	N/A	5,507,018	7,064,900	4,212,032	48,150	176,983	812,786	57,677	1,095,596	24,579	-	804,239	131,787	960,605	527,891	22,229	101,590	19,335	(130,032)	144,098	-	-	-	-	-	-	-			
74408	N/A	1,194,305	1,550,520	899,025	117,764	39,946	187,690	49,090	288,490	7,849	-	185,594	119,476	210,965	70,360	-	(12,151)	(12,151)	(39,589)	33,341	-	-	-	-	-	-	-			
74410	N/A	77,505	99,371	59,526	673	2,486	11,402	2	14,563	338	-	11,283	17,894	29,515	(3,670)	426	(40,366)	(40,366)	426	(40,366)	-	-	-	-	-	-	-			
74411	N/A	170,627	218,765	130,607	1,482	5,472	25,102	205	32,261	744	-	24,838	82,875	108,457	(23,670)	-	(40,107)	(26,132)	(14,405)	4,449	-	-	-	-	-	-	-			
74412	N/A	216,947	278,153	166,062	1,885	6,958	31,916	50,343	91,102	945	-	31,581	40	32,566	38,235	-	26,419	4,346	5,659	-	-	-	-	-	-	-				
74413	N/A	224,064	290,555	168,932	2,183	7,465	35,002	9,844	54,494	1,426	-	34,613	22,494	58,533	15,350	-	(31)	242	(10,466)	6,217	-	-	-	-	-	-	-			
74414	N/A	78,755	100,973	100,973	60,283	684	2,526	11,586	35,954	50,750	-	11,464	37,630	49,437	23,514	-	18,070	(16,833)	(1,979)	2,054	-	-	-	-	-	-	-			
74501	N/A	9,663,573	12,938,344	7,234,548	123,445	356,645	1,762,732	72,783	2,315,605	117,328	-	1,740,617	2,075,569	2,079,560	120,627	-	1,828,112	2,766	(18,024)	(59,267)	314,453	-	-	-	-	-	-	-		
74502	N/A	4,178,543	5,770,306	3,139,293	57,073	45,937	226,765	248,348	537,943	61,728	-	633,213	31,802	683,971	361,420	16,406	77,594	(105,238)	133,441	-	-	-	-	-	-	-				
74503	N/A	203,369	258,172	154,133	1,749	6,458	20,623	4,010,611	7,079	3,072,841	71,113	-	3,963,714	57,275	3,757,447	2,023,147	4,469,706	60,975	94,114	395,626	395,626	395,626	-	-	-	-	-	-	-	
74505	N/A	1,463,239	1,876,120	1,210,079	127,123	46,931	251,271	49,327	324,242	6,377	-	231,014	56,273	275,664	100,119	12,225	1,184,444	37,200	319,328	185,782	27,174	(2,745)	38,626	-	-	-	-	-	-	-
74507	N/A	5,776,622	7,406,543	4,421,722	50,488	165,872	185,270	80,812	312,624	5,626	-	187,931	98,035	230,905	119,012	206,704	306,704	(29,977)	(18,992)	33,668	(21,014)	150,651	-	-	-	-	-	-	-	
74509	N/A	3,540,910	4,538,984	2,710,394	30,764	110,907	42,955	201,618	753	258,233	5,973	-	199,505	15,431	183,968	122,222	227,700	135,274	3,419	88,950	37,424	(25,602)	33,247	-	-	-	-	-	-	-
74510	N/A	1,523,143	1,960,606	1,003,393	49,791	183,994	189,394	43,613	584,526	5,9																				

South Carolina Public Employee Benefit Authority

## **Aggregation of GASB 68 Information for Participating Employers in SCRS and PORS for the Measurement Period Ending June 30, 2022**

Net Pension Liability as of June 30, 2022				Outstanding Balance of Deferred Outflows of Resources						Outstanding Balance of Deferred Inflows of Resources						Pension Expense and Revenue Offset				Recognition of Existing Deferred Outflows (Inflows) of Resources for Future Measurement Periods Ending June 30,										
Participating Employer	Employer Allocation %	Discount Rate 7.00%	Discount Rate 6.00%	Discount Rate 5.00%	Change in Proportion & Differences Between Employer Contrib. & Proportionate Share of Plan Contributions			Total Deferred Outflow of Resources	Liability Experience	Assumption Changes	Investment Experience	& Proportionate Share of Plan Contributions	Change in Proportion & Differences Between Employer Contrib. & Proportionate Share of Plan Contributions			Total Deferred Inflow of Resources	Employer Pension Expense	Revenue Credit	2023	2024	2025	2026	2027	Thereafter						
					(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)				
80701	N/A	301,266,769	386,262,785	230,603,694	2,617,562	9,662,471	44,321,560	9,998,579	66,600,172	1,313,132	-	43,856,925	63,487	45,233,544	29,102,966	1,207,017	10,502,432	7,798,275	(4,791,108)	7,857,028	-	-	-	-	-	-				
80702	N/A	2,872,862	3,690,287	2,203,169	25,007	92,313	423,433	199,294	740,047	12,543	-	418,994	988	432,525	301,599	13,320	161,569	106,527	(35,638)	75,064	-	-	-	-	-	-				
80704	N/A	8,652,706	11,093,837	6,623,223	75,176	277,513	1,271,934	467,641	2,093,264	37,708	-	1,259,590	1,297,298	951,680	30,366	399,427	289,669	(118,789)	225,658	-	-	-	-	-	-					
80801	N/A	444,083,949	569,417,177	339,885,584	3,861,746	14,246,590	65,361,006	9,636,949	93,106,621	1,941,955	-	64,675,504	5,385,920	72,003,379	41,888,797	1,724,866	14,356,135	7,138,095	(11,977,912)	11,586,924	-	-	-	-	-	-				
80902	N/A	26,007,671	33,345,043	19,907,598	225,958	834,127	3,862,092	226,813	5,112,990	113,341	-	3,785,983	1,161,065	5,060,389	1,852,589	114,657	185,976	85,245	(868,886)	678,262	-	-	-	-	-	-				
81001	N/A	687,555,412	881,571,098	562,258,379	5,976,470	22,054,494	101,174,038	23,018,466	152,223,918	3,001,862	-	100,113,162	41,863	103,156,887	74,951,850	2,969,664	27,613,853	19,599,288	(16,081,690)	17,953,581	-	-	-	-	-	-				
81002	N/A	14,224,913	18,238,093	10,888,474	123,588	456,226	2,099,684	735,909	3,408,407	61,992	-	2,070,740	130,522	2,263,360	1,156,992	47,299	637,402	325,353	(188,584)	370,976	-	-	-	-	-	-				
81003	N/A	7,677,827	9,843,922	5,877,001	66,706	245,246	1,129,516	803,206	2,245,674	33,460	-	1,117,675	21,258	1,172,393	982,901	25,729	590,882	336,544	(54,378)	200,233	-	-	-	-	-	-				
81004	N/A	5,142,829	6,591,748	3,936,584	44,682	164,943	756,582	387,577	22,412	-	748,150	77,016	1,063,453	771,063	-	2,688,577	6,750,907	5,687,262	520,590	(316,660)	(4,148,977)	2,846,802	-	-	-	-	-	-		
81005	N/A	17,938,914	22,999,000	13,731,360	155,856	575,343	2,639,065	12,642,915	16,013,179	78,177	-	2,611,400	-	15,889,442	23,120,666	2,084,000	4,967,785	3,080,392	4,678,835	-	-	-	-	-	-	-				
81102	N/A	108,985,585	139,772,532	83,391,667	949,747	3,868,809	16,058,042	104,629	20,611,177	480,417	-	10,598,442	6,750,907	2,688,577	5,687,262	520,590	(316,660)	(4,148,977)	2,846,802	-	-	-	-	-	-	-				
81203	N/A	63,577,251	81,513,880	46,665,733	552,368	2,039,072	9,353,103	11,948,543	27,076,086	505,683	-	1,210,793	505,683	505,683	505,683	1,210,793	1,210,793	1,210,793	1,210,793	1,210,793	1,210,793	1,210,793	1,210,793	1,210,793	1,210,793	1,210,793	1,210,793			
81301	N/A	3,473,769	4,453,800	2,659,000	30,181	111,412	511,040	2,448,229	3,100,862	15,139	-	1,131,144	18,590,188	14,797,977	202,843	14,137,969	7,578,101	402,262	2,330,745	(1,867,512)	2,423,642	-	-	-	-	-	-			
81401	N/A	92,853,886	119,068,318	71,060,805	808,037	2,975,979	13,671,416	4,339,037	4,339,037	148,179	-	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765	13,071,765		
81402	N/A	33,901,590	43,469,205	25,947,503	294,771	1,087,575	4,989,379	432,740	6,804,465	148,179	-	4,937,054	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947	11,348,947		
81403	N/A	-	-	-	-	-	-	545,300	545,300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
81408	N/A	28,485,450	36,521,872	21,804,210	247,487	913,596	4,190,615	20,075,857	25,427,560	124,140	-	4,146,684	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277	1,297,277		
81501	N/A	65,530,160	84,037,524	50,160,543	570,006	2,102,697	9,646,680	4,448	12,234,001	286,747	-	12,234,001	286,747	12,234,001	286,747	12,234,001	286,747	12,234,001	286,747	12,234,001	286,747	12,234,001	286,747	12,234,001	286,747	12,234,001	286,747	12,234,001	286,747	
81601	N/A	140,867,591	180,624,486	107,815,561	12,244,946	4,510,220	20,732,835	3,806,887	30,283,888	615,934	-	20,515,393	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290	21,177,290		
81701	N/A	64,638,264	82,874,230	49,477,442	15,207,310	515,586	1,027,301	9,509,193	12,080,244	21,841,601	-	9,409,507	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244	12,080,244		
81802	N/A	287,371,669	368,570,419	219,871,040	2,505,689	22,727,290	43,235,837	1,264,291	1,264,291	12,264,936	-	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291	1,264,291		
81805	N/A	4,775,800	6,130,920	3,651,750	41,930	153,709	706,433	37,241	939,313	21,632	-	608,988	364,755	1,085,375	358,638	1,085,375	358,638	1,085,375	358,638	1,085,375	358,638	1,085,375	358,638	1,085,375	358,638	1,085,375	358,638	1,085,375	358,638	
81806	N/A	36,854,553	47,254,520	28,211,811	130,224	2,052,611	1,282,203	1,182,203	551,327	1,204,140	-	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140	1,204,140			
81901	N/A	48,362,683	62,010,089	37,016,779	240,409	1,551,374	7,116,794	9,637	9,098,214	21,197	-	1,024,167	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214	7,147,214		
81902	N/A	7,047,877	9,036,474	9,036,474	6,133,233	61,233	226,042	1,036,841	524,137	1,848,253	-	1,025,972	4,723	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	1,025,972	
82001	N/A	49,905,744	63,990,259	38,203,313	433,623	1,600,720	7,342,413	9,737,624	21,750,88	21,750,88	-	7,265,442	3,640,792	11,132,742	2,251,441	11,132,742	2,251,441	11,132,742	2,251,441	11,132,742	2,251,441	11,132,742	2,251,441	11,132,742	2,251,441	11,132,742	2,251,441	11,132,742	2,251,441	11,132,742
82101	N/A	205,890,681	223,995,156	178,995,734	17,895,156	6,604,752	30,299,289	2,297,294	40,991,286	899,446	-	22,098,556	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155	11,178,155		
82106	N/A	14,084,485	18,981,176	13,322,109	10,111,320	2,016,268	2,177,947	2,056,511	2,155,115	2,155,115	-	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115	1,255,115		
82107	N/A	42,124,520	54,009,461	32,243,763	15,207,320	2,036,494	1,271,937	1,265,636	1,265,636	1,265,636	-	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636	1,265,636		
82108	N/A	135,244	173,400	103,523	9,175	4,338	18,986	1,743,852	1,743,852	1,743,852	-	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852	1,743,852		
82109	N/A	1,354,494	1,734,494	1,734,494	1,734,494	1,734,494	1,734,494	1,734,494	1,734,494	1,734,494	-	1,734,494	1,734,494	1,734,494																

**South Carolina Public Employee Benefit Authority**

**Aggregation of GASB 68 Information for Participating Employers in SCRS and PORS for the Measurement Period Ending June 30, 2022**

Participating Employer	Employer Allocation %	Net Pension Liability as of June 30, 2022				Outstanding Balance of Deferred Outflows of Resources						Outstanding Balance of Deferred Inflows of Resources						Pension Expense and Revenue Offset for Nonemployer Contribution			Recognition of Existing Deferred Outflows (Inflows) of Resources for Future Measurement Periods Ending June 30,							
		Discount Rate Less 1.00%		Discount Rate Plus 1.00%		Liability Experience	Assumption Changes	Investment Experience	& Proportionate Share of Plan Contributions	Total Deferred Outflow of Resources	Change in Proportion & Differences Between Employer Contrib. & Proportionate Share of Plan Contributions		Liability Experience	Assumption Changes	Investment Experience	& Proportionate Share of Plan Contributions	Total Deferred Inflow of Resources	Employer Pension Expense	Revenue Credit	2023	2024	2025	2026	2027	Thereafter			
		Discount Rate	Less 1.00%	Discount Rate	Plus 1.00%						(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	
84101	N/A	30,797,945	39,488,324	23,573,094	26,689	987,895	4,531,779	1,129,608	6,916,971	134,430	-	4,484,261	4,193	4,622,884	2,878,073	129,505	1,161,029	852,901	(523,213)	803,369	-	-	-	-	-	-	-	
84203	N/A	129,661,810	166,252,094	99,242,174	1,127,214	4,159,381	10,081,073	1,651,698	26,019,366	566,387	-	18,880,982	2,260,545	21,707,914	9,896,192	576,144	1,945,415	1,592,994	(2,609,551)	3,382,594	-	-	-	-	-	-	-	
84207	N/A	160,371,613	205,632,876	122,443,949	1,394,532	5,144,916	23,602,285	6,212,831	36,355,564	701,183	-	23,355,741	121,014	24,177,938	16,224,053	637,099	5,799,958	4,289,866	(2,096,487)	4,184,288	-	-	-	-	-	-	-	
84208	N/A	33,458,498	42,901,846	26,607,757	290,974	1,073,427	4,924,654	80,683	6,369,738	146,350	-	4,873,002	502,974	5,522,326	2,644,059	145,969	616,571	287,744	(929,925)	873,022	-	-	-	-	-	-	-	
84209	N/A	123,098,511	157,878,427	94,185,813	1,073,166	3,952,399	18,141,210	6,899,472	30,065,247	543,449	-	17,950,697	6,293	18,500,439	461,949	6,015,108	3,973,660	(1,639,092)	3,216,132	-	-	-	-	-	-	-		
84210	N/A	41,927,644	53,774,853	32,079,056	365,602	1,346,289	6,179,616	6,210,510	7,954,017	185,250	-	6,114,712	2,117,453	8,417,415	1,937,060	209,349	(429,631)	175,644	(1,304,957)	1,095,546	-	-	-	-	-	-	-	
84211	N/A	61,070,459	78,812,451	47,052,123	534,079	1,971,510	9,043,262	2,136,605	13,685,456	267,919	-	8,948,459	2,867,197	12,083,375	2,393,185	285,105	617,366	1,268,893	(1,887,508)	1,603,129	-	-	-	-	-	-	-	
84212	N/A	123,055,930	157,776,186	94,190,693	1,069,364	3,946,974	18,105,303	2,065,907	25,187,548	536,726	-	17,915,482	308,477	18,760,685	10,947,280	508,610	3,232,141	(2,339,472)	2,324,598	(20,025)	2,307,597	-	-	-	-	-	-	-
84213	N/A	3,009,374	3,858,388	2,303,528	26,146	96,518	42,721	593,027	1,158,412	13,115	-	438,080	3,139,375	3,590,570	(501,615)	26,610	(698,659)	(883,825)	(928,157)	78,483	-	-	-	-	-	-	-	
84214	N/A	3,626,363	4,649,445	2,775,803	31,505	116,306	533,489	68,923	750,224	15,804	-	527,896	126,287	669,987	20,934	17,033	37,687	14,618	(66,641)	94,573	-	-	-	-	-	-	-	
84215	N/A	12,643,101	16,210,015	9,677,657	109,845	405,494	1,859,977	898,230	3,273,546	55,908	-	1,840,479	1,757,673	25,161	799,229	533,476	(284,459)	329,723	-	-	-	-	-	-	-			
84301	N/A	193,324,717	247,876,965	147,975,293	1,680,123	6,200,959	28,445,015	32,581	36,358,678	843,439	-	28,146,780	7,714,789	36,705,008	(10,226,631)	970,185	(1,132,831)	483,104	(4,739,164)	5,042,562	-	-	-	-	-	-	-	
84302	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
84401	N/A	43,411,744	55,660,932	33,228,212	377,291	1,392,463	6,387,545	1,379	8,158,678	189,423	-	6,320,573	1,360,155	7,870,151	2,347,106	209,172	(58,484)	319,392	(1,104,729)	1,132,347	-	-	-	-	-	-	-	
84501	N/A	45,032,959	57,737,810	34,470,526	391,252	1,444,313	6,624,798	1,994,816	10,455,359	196,252	-	6,555,528	1,061,711	7,813,491	3,297,055	23,787	768,371	1,210,921	(511,855)	1,174,431	-	-	-	-	-	-	-	
84506	N/A	166,074	212,927	127,121	1,443	5,326	24,432	0	31,201	724	-	24,176	115,390	140,290	(1,002,871)	13,509	(102,085)	(3,478)	(7,857)	4,331	-	-	-	-	-	-	-	
84601	N/A	122,074,103	156,514,062	93,441,750	1,060,598	3,915,203	17,958,808	3,146,438	26,081,045	531,199	-	17,770,545	1,088	18,303,628	23,392,152	472,711	4,493,544	2,641,720	(2,541,462)	3,183,615	-	-	-	-	-	-	-	
84603	N/A	230,328,747	295,334,776	176,285,313	2,002,943	7,389,327	33,900,250	1,512,737	4,085,205	1,007,228	-	33,544,705	1,473,847	36,025,780	19,036,713	1,002,775	5,297,618	3,292,887	(5,820,724)	6,009,697	-	-	-	-	-	-	-	
84604	N/A	226,012,477	289,766,254	173,001,194	1,963,654	7,248,783	33,249,827	16,420,193	58,828,495	985,006	-	32,901,266	27,377	33,913,649	31,543,746	686,865	14,235,672	8,481,338	(3,642,505)	5,894,403	-	-	-	-	-	-	-	
84605	N/A	71,838,646	92,106,007	54,988,967	624,144	2,304,034	10,568,469	1,332	13,497,979	313,070	-	10,457,680	544,865	11,315,615	5,756,851	303,935	1,310,264	744,425	(1,745,830)	1,873,506	-	-	-	-	-	-	-	
90203	N/A	10,268,190	14,318,372	6,952,734	172,280	42,584	2,228,116	296,713	32,098,5	20,2985	-	2,197,108	105,677	2,505,770	1,026,356	48,223	270,023	260,493	(310,717)	399,123	-	-	-	-	-	-	-	
90208	N/A	400,454	525,433	297,088	4,344	13,866	66,380	70,033	154,623	3,391	-	65,604	65,208	134,203	40,954	1,513	21,624	12,334	(25,349)	11,812	-	-	-	-	-	-	-	
90403	N/A	16,685,888	23,267,465	11,298,247	279,956	694,827	3,620,705	166,842	4,762,330	329,852	-	3,570,318	899,342	4,799,512	1,676,374	67,403	196,968	(55,820)	646,577	-	-	-	-	-	-	-		
90407	N/A	1,508,962	2,012,958	1,874,966	18,749	55,066	270,694	69,569	414,078	17,317	-	267,336	108,693	393,346	106,084	-	13,075	11,364	(51,977)	48,270	-	-	-	-	-	-	-	
90704	N/A	5,928,084	8,253,190	4,024,344	985,512	24,733	1,278,156	1,654,621	151,737	115,382	-	1,260,428	268,196	1,644,006	434,877	-	22,903	11,080	(252,291)	228,923	-	-	-	-	-	-	-	
90705	N/A	7,824,252	10,895,860	5,309,868	1,203,202	32,451	1,688,547	23,357,075	27,387,575	152,624	-	1,665,115	20,013	1,837,752	804,668	-	249,442	206,928	(218,182)	302,434	-	-	-	-	-	-	-	
90707	N/A	1,712,313	2,376,761	1,168,047	27,940	70,370	364,743	35,900	498,953	32,346	-	359,715	20,852	412,913	17,580	-	51,462	32,422	(63,156)	65,312	-	-	-	-	-	-	-	
90709	N/A	17,971,849	25,060,661	12,168,989	301,531	748,376	3,899,749	644,585	55,948,255	355,273	-	3,845,478	472,910	4,673,661	80,998	-	427,453	476,386	(706,386)	698,562	-	-	-	-	-	-	-	
90710	N/A	1,197,758	1,662,810	816,832	19,564	49,247	255,306	46,378	37,495	22,664	-	251,786	89,774	364,242	80,539	-	(4,722)	(14,155)	(14,155)	(0)	-	-	-	-	-	-	-	
90803	N/A	348,259	485,626	235,811	5,843	14,502	75,569	138,852	234,766	6,884	-	74,518	0	81,402	103,952	-	73,673	48,704	17,450	13,537	-	-	-	-	-	-	-	
91007	N/A	-	-	-	-	21	21	-	-	-	-	-	-	-	-	-	198,506	198,506	(191,632)	(171,340)	(27,145)	-	-	-	-	-	-	-
92109	N/A	411,272	573,494	278,478	6,900	17,126	89,243	37,491	150,760	8,130	-	88,001	30,218	126,349	20,711	-	24,649	738	(16,962)	15,986	-	-	-	-	-	-	-	
92114	N/A	1,076,579	1,501,224	728,966	18,063	44,830	233,609	7,713	23,282	1,282	-	230,358	11,857	263,497	85,529	-	17,940	18,427	(37,495)	41,846	-	-	-	-	-	-	-	
92116	N/A	695,618	961,288	477,863	11,044	28,235	145,525	120,507	214,301	12,556	-	143,539	100,704															