110 West Berry Street Suite 1300 Fort Wayne, IN 46802



August 30, 2024

Mr. Thomas Causey
Executive Director
State of North Carolina
Department of State Treasurer
Retirement Systems Division
3200 Atlantic Avenue
Raleigh, NC 27604

Teachers' and State Employees' Retirement System GASB 67 Disclosure for Fiscal Year Ending June 30, 2024 Based on Valuation Date of December 31, 2023

Dear Mr. Causey:

We have prepared the required accounting information for Governmental Accounting Standards Board (GASB) Statement No. 67 for the Teachers' and State Employees' Retirement System of North Carolina (TSERS) for fiscal year ending June 30, 2024 based on a valuation date of December 31, 2023.

GASB Statement No. 67

GASB Statement No. 67 set forth certain items of information to be disclosed in the financial statements of the Plan.

1. One such item is a distribution of the number of employees by type of membership, as follows:

Number of Active and Retired Participants as of 12/31/2023	
Retired members and survivors of deceased members currently receiving benefits	252,036
Terminated members and survivors of deceased members entitled to benefits but not yet receiving benefits	226,099
Active members ¹	303,068
Total	781,203

_

¹ Includes current recipients of DIP benefits.

2. Following is the schedule of changes in Net Pension Liability

Schedule of Changes in Net Pension Liability as of June 30, 2024	
Total Pension Liability	
Service Cost	\$ 2,032,765,000
Interest	6,311,991,000
Changes in Benefit Terms	0
Differences Between Expected and Actual Experience	643,699,000
Changes of Assumptions	0
Benefits Payments, including Refund of Member Contributions	(5,783,536,000)
Net Change in Total Pension Liability	\$ 3,204,919,000
Total Pension Liability – Beginning of Year	\$ 97,921,037,000
Total Pension Liability – End of Year	\$ 101,125,956,000
Plan Fiduciary Net Position	
Employer Contributions	\$ 3,212,327,000
Member Contributions	1,106,850,000
Net Investment Income	6,541,442,000
Benefit Payments, including Refund of Member Contributions	(5,783,536,000)
Administrative Expenses	(16,461,000)
Other	(398,000)
Net Change in Plan Fiduciary Net Pension	\$ 5,060,224,000
Plan Fiduciary Net Pension – Beginning of Year	\$ 81,249,054,000
Plan Fiduciary Net Pension – End of Year	\$ 86,309,278,000

Net Pension Liability/(Asset)	June 30, 2024	June 30, 2023
Total Pension Liability	\$101,125,956,000	\$97,921,037,000
Plan Fiduciary Net Pension	86,309,278,000	81,249,054,000
Net Pension Liability/(Asset)	\$ 14,816,678,000	\$16,671,983,000
Plan Fiduciary Net Pension as a Percentage of the Total Pension Liability/(Asset)	85.35%	82.97%

3. Following is the sensitivity of the Net Pension Liability to changes in the discount rate.

Sensitivity of the Net Pension Liability to Changes in Discount Rate										
	1% Decrease Current									
Discount Rate	5.50%	6.50%	7.50%							
Net Pension Liability (Asset)	\$ 27,179,553,000	\$ 14,816,678,000	\$ 4,621,676,000							

- 4. The discount rate used to measure the total pension liability was 6.50%. The projection of cash flows used to determine the discount rate assumed that for fiscal years ending 2024 through 2027, System contributions will follow the Employer Contribution Rate Stabilization Policy as adopted by the Board of Trustees on April 29, 2021, and "direct-rate smoothing" as adopted by the Board of Trustees on January 28, 2021. It is assumed that for fiscal years 2028 and beyond, System contributions will be based on the actuarially determined contribution rate with a minimum employer contribution rate of 6.00% of payroll in accordance with G.S 135-8(d)(1a). In addition, assumed contributions include contributions based on payroll from future employees of the System that are not associated with the accumulation of their plan benefits. Investment earnings are based on actual returns through June 30, 2024, and on the assumed investment rate of return thereafter. In addition, future administrative expenses are assumed to equal 0.1% of projected payroll but are limited to a flat dollar rate per active and in-pay member as of each valuation date. The flat dollar rate is \$30 in 2023 and increased by 2.5% each year thereafter. Based on those policies, the System's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Please see Appendix A for additional detail.
- 5. Methods and assumptions used to calculate the actuarially determined contribution rate are as follows:

Valuation Date	12/31/2023
----------------	------------

Actuarial Cost Method Entry Age

Amortization Method Level dollar closed

Amortization Period 12-year closed period

Asset Valuation Method Asset returns in excess of or less than the expected

return on market value of assets reflected over a fiveyear period (not greater than 120% of market value

and not less than 80% of market value)

Actuarial Assumptions:

Investment Rate of Return* 6.50%

Projected Salary Increases** 3.25% - 8.05%

*Includes Inflation of 2.50%
**Includes Inflation and Productivity of 3.25%

Cost-of-living Adjustments N/A

The June 30, 2024 total pension liability was determined by an actuarial valuation as of December 31, 2023, based on the assumptions adopted by the Board of Trustees on January 28, 2021, which are based on the experience study prepared as of December 31, 2019, including a discount rate of 6.50%. The economic assumptions with respect to investment yield, salary increase, and inflation have been based upon a review of the existing portfolio structure as well as recent and anticipated experience.

The plan sponsor selected the assumptions used for the accounting results in this letter. We believe that these assumptions are reasonable and comply with the Actuarial Standards of Practice ("ASOPs") 27 and 35 and the requirements of GASB Statement No. 67. We prepared this letter in accordance with the requirement of this standard.

ASOPs 27 and 35 ask the actuary to disclose the information and analysis used to support the actuary's determination that the assumptions selected by the plan sponsor do not significantly conflict with what, in the actuary's professional judgment, are reasonable for the purpose of the measurement. In the case of the plan sponsor's selection of expected return on assets ("EROA"), the signing actuaries have used economic information and tools provided by the Financial Risk Management ("FRM") practice at Gallagher. A spreadsheet tool created by the FRM team converts averages, standard deviations, and correlations from Gallagher's Capital Markets Assumptions ("CMA") that are used for stochastic forecasting into approximate percentile ranges for the arithmetic and geometric average returns. It is intended to suggest possible reasonable ranges for EROA without attempting to predict or select a specific best estimate rate of return. It takes into account the duration (horizon) of investment and the target allocation of assets in the portfolio to various asset classes. Based on the actuary's analysis, including consistency with other assumptions used in the valuation and the percentiles generated by the spreadsheet described above, the actuary believes the EROA, in the actuary's professional judgment, is reasonable for the purpose of the measurement.

The June 30, 2024 total pension liability is based on the same plan provisions as used in the previous valuation. To the extent there have been changes to the TSERS provisions enacted by the legislature, they have been reviewed with staff of the Retirement Systems Division and were not considered material to the current valuation. To the extent the legislature enacts additional legislation that has a material impact on the valuation, revised GASB 67 disclosures may be required.

Full summaries of the assumptions, methods and plan provisions used in the previous valuation and for the June 30, 2024 total pension liability were provided in October 2023 in the "Report on the Eightieth Actuarial Valuation of the Teachers' and State Employees' Retirement System of North Carolina Prepared as of December 31, 2022."

The actuarial cost method used to develop the total pension liability is the Entry Age Normal Cost Method, as required by GASB Statement No. 67.

The results of this letter are based upon participant data supplied by the Retirement Systems Division and unaudited financial data supplied by the Financial Operations Division. Gallagher reviewed the data for reasonableness and consistency with data for the prior valuation but performed no audit of the data. The results of this letter are dependent on the accuracy of the data.

The primary purpose of the letter is to provide information that the Office of the State Controller (OSC) requires for its Annual Comprehensive Financial Report. This letter may also be used in conjunction with other materials for purposes of the pension plan audit. Use of the letter for any other purposes or by anyone other than OSC and its auditors may not be appropriate and may result in mistaken conclusions because of failure to understand applicable assumptions, methods, or inapplicability of the letter for that purpose. Because of the risk of misinterpretation of actuarial results, you should ask us to review any statement you wish to make on the results contained in this report. Gallagher will not accept any liability for any such statement made without prior review by Gallagher.

Future actuarial measurements may differ significantly from current measurements due to plan experience differing from that anticipated by the economic and demographic assumptions, increases, or decreases expected as part of the natural operation of the methodology used for these measurements, and changes in plan provisions or applicable law. Because of limited scope, Gallagher performed no analysis of the potential range of such future differences.

Actuarial Standard of Practice No. 56 ("ASOP 56") provides guidance to actuaries when performing actuarial services with respect to designing, developing, selecting, modifying, using, reviewing, or evaluating models. Gallagher uses third-party software in the performance of annual actuarial valuations and projections. The model is intended to calculate the liabilities associated with the provisions of the Plan using data and assumptions as of the measurement date under the accounting rules specified in this report. The output from the third-party vendor software is used as input to an internally developed model that applies applicable accounting rules to the liabilities derived and other inputs, such as Plan assets and contributions, to generate many of the exhibits found in this report. Gallagher has an extensive review process whereby the results of the liability calculations are checked using detailed sample output, changes from year to year are summarized by source, and significant deviations from expectations are investigated. Other accounting outputs and the internal model are similarly reviewed in detail and at a high level for accuracy, reasonability, and consistency with prior results. Gallagher also reviews the third-party model when significant changes are made to the software. The review is performed by experts within the company who are familiar with applicable accounting rules as well as the manner in which the model generates its output. If significant changes are made to the internal model, extra checking and review are completed. Significant changes to the internal model that are applicable to multiple clients are generally developed, checked, and reviewed by multiple experts within the company who are familiar with the details of the required changes.

Where presented, references to "net pension liability" and "fiduciary net position as a percentage of the total pension liability" may be appropriate for evaluating the need and level of future contributions but makes no assessment regarding the funded status of the Fund if the Fund were to settle (i.e., purchase annuities to cover) any portion of its liabilities.

This report was prepared under our supervision and in accordance with all applicable Actuarial Standards of Practice. We are Fellows of the Society of Actuaries, Enrolled Actuaries, Members of the American Academy of Actuaries, and Fellows of the Conference of Consulting Actuaries. We meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein. We are available to discuss this report with you at your convenience.

Please let us know if you require additional information.

Sincerely,

Buck Global, LLC (Buck),

Gallagher Benefit Services, Inc. (hereinafter "Gallagher")

Michael A. Ribble, FSA, EA, MAAA, FCA

Principal, Retirement Actuary

Elizabeth O. Wiley

Michael a. Rille

Elizabeth A. Wiley, FSA, EA, MAAA, FCA

Director, Retirement Actuary

Appendix A Table 1 – Projection of Fiduciary Net Positions (\$ in Thousands)

Calendar Year	Beginning Fiduciary Position	Member Contributions	Employer Contributions	Benefit Payments	Administrative Expenses	Investment Earnings	Ending Fiduciary Position
2024	\$ 83,642,777	\$ 1,029,515	\$ 2,850,900	\$ 5,895,299	\$ 16,886	\$ 6,147,110	\$ 87,758,117
2025	87,758,117	972,117	2,821,271	6,095,746	16,433	5,630,104	91,069,430
2026	91,069,430	918,164	2,803,468	6,292,374	16,433	5,836,753	94,319,008
2027	94,319,008	869,122	2,909,280	6,489,584	16,518	6,043,481	97,634,789
2028	97,634,789	823,612	3,272,511	6,692,781	16,668	6,262,664	101,284,127
2029	101,284,127	779,983	3,312,589	6,908,848	16,842	6,492,840	104,943,849
2030	104,943,849	737,575	2,939,804	7,133,867	17,003	6,710,239	108,180,597
2031	108,180,597	695,877	2,552,286	7,359,261	17,150	6,899,684	110,952,033
2032	110,952,033	654,521	2,115,433	7,580,676	17,280	7,057,441	113,181,472
2033	113,181,472	613,308	1,806,889	7,798,773	17,394	7,184,187	114,969,689
2034	114,969,689	572,391	1,547,278	8,013,041	17,490	7,283,952	116,342,779
2035	116,342,779	532,249	1,660,142	8,218,863	17,567	7,368,940	117,667,680
2036	117,667,680	493,120	1,434,674	8,412,872	17,625	7,440,388	118,605,365
2037	118,605,365	455,320	870,041	8,592,436	17,663	7,476,322	118,796,949
2038	118,796,949	419,930	705,132	8,746,944	17,680	7,477,424	118,634,811
2039	118,634,811	386,961	505,951	8,876,676	17,676	7,455,310	118,088,681
2040	118,088,681	354,715	368,608	8,999,665	17,651	7,410,453	117,205,141
2041	117,205,141	322,913	322,913	9,115,493	17,605	7,346,841	116,064,710
2042	116,064,710	291,274	291,274	9,229,234	17,535	7,267,051	114,667,540
2043	114,667,540	259,894	259,894	9,337,261	17,441	7,170,775	113,003,401
2044	113,003,401	229,499	229,499	9,415,114	17,319	7,058,176	111,088,142
2045	111,088,142	200,564	200,564	9,459,754	17,169	6,930,410	108,942,757
2046	108,942,757	173,092	173,092	9,486,103	16,989	6,788,365	106,574,214
2047	106,574,214	147,133	147,133	9,493,377	16,779	6,632,523	103,990,847
2048	103,990,847	123,026	123,026	9,478,108	16,537	6,463,558	101,205,812
2049	101,205,812	101,237	101,237	9,437,303	16,265	6,282,451	98,237,169
2050	98,237,169	81,825	81,825	9,368,932	15,966	6,090,445	95,106,366
2051	95,106,366	63,779	63,779	9,281,671	15,642	5,888,587	91,825,198
2052	91,825,198	46,545	46,545	9,179,075	15,300	5,677,503	88,401,416
2053	88,401,416 84,857,858	31,428	31,428	9,049,617	14,939	5,458,142	84,857,858
2054 2055		20,630 13,960	20,630	8,874,886	14,559	5,232,721	81,242,394
2056	81,242,394 77,602,282	9,581	13,960 9,581	8,658,104 8,416,573	14,165 13,759	5,004,237 4,775,089	77,602,282 73,966,201
2057	73,966,201	6,593	6,593	8,158,823	13,343	4,546,811	70,354,032
2058	70,354,032	4,538	4,538	7,889,881	12,918	4,320,503	66,780,812
2059	66,780,812	3,122	3,122	7,612,921	12,494	4,097,028	63,258,669
2060	63,258,669	2,139	2,139	7,330,222	12,082	3,877,082	59,797,725
2061	59,797,725	1,462	1,462	7,043,502	11,702	3,661,260	56,406,705
2062	56,406,705	991	991	6,754,304	11,334	3,450,078	53,093,127
2063	53,093,127	667	667	6,464,215	10,968	3,243,965	49,863,243
2064	49,863,243	443	443	5,975,797	10,600	3,049,644	46,927,376
2065	46,927,376	291	291	5,694,345	10,229	2,867,818	44,091,202
2066	44,091,202	187	187	5,414,227	9,852	2,692,432	41,359,929
2067	41,359,929	117	117	5,136,113	9,469	2,523,803	38,738,384
2068	38,738,384	72	72	4,860,661	9,081	2,362,224	36,231,010
2069	36,231,010	43	43	4,588,568	8,689	2,207,960	33,841,799
2070	33,841,799	25	25	4,320,529	8,293	2,061,247	31,574,274
2071	31,574,274	14	14	4,057,205	7,894	1,922,292	29,431,495
2072	29,431,495	7	7	3,799,226	7,494	1,791,277	27,416,066
2073	27,416,066	3	3	3,547,199	7,094	1,668,349	25,530,128
					•	•	•

Appendix A

Table 1 – Projection of Fiduciary Net Positions (continued)

(\$ in Thousands)

Calendar Year	Beginning Fiduciary Position	Member Contributions	mployer stributions	F	Benefit Payments	Ac	lministrative Expenses	vestment Earnings	Ending Fiduciary Position
2074	\$ 25,530,128	\$ 1	\$ 1	\$	3,301,690	\$	6,695	\$ 1,553,629	\$ 23,775,374
2075	23,775,374	0	0		3,063,229		6,297	1,447,211	22,153,059
2076	22,153,059	0	0		2,832,313		5,903	1,349,159	20,664,002
2077	20,664,002	0	0		2,609,406		5,513	1,259,513	19,308,596
2078	19,308,596	0	0		2,394,938		5,129	1,178,284	18,086,813
2079	18,086,813	0	0		2,189,309		4,753	1,105,459	16,998,210
2080	16,998,210	0	0		1,992,886		4,385	1,040,994	16,041,933
2081	16,041,933	0	0		1,806,005		4,027	984,826	15,216,727
2082	15,216,727	0	0		1,628,953		3,680	936,862	14,520,956
2083	14,520,956	0	0		1,461,970		3,347	896,989	13,952,628
2084	13,952,628	0	0		1,305,236		3,027	865,071	13,509,436
2085	13,509,436	0	0		1,158,860		2,723	840,956	13,188,809
2086	13,188,809	0	0		1,022,881		2,435	824,475	12,987,968
2087	12,987,968	0	0		897,261		2,164	815,447	12,903,990
2088	12,903,990	0	0		781,894		1,911	813,686	12,933,871
2089	12,933,871	0	0		676,610		1,676	819,003	13,074,588
2090	13,074,588	0	0		581,171		1,460	831,211	13,323,168
2091	13,323,168	0	0		495,271		1,262	850,123	13,676,758
2092	13,676,758	0	0		418,537		1,083	875,567	14,132,705
2093	14,132,705	0	0		350,538		921	907,383	14,688,629
2094	14,688,629	0	0		290,785		777	945,434	15,342,501
2095	15,342,501	0	0		238,747		650	989,605	16,092,709
2096	16,092,709	0	0		193,853		538	1,039,808	16,938,126
2097	16,938,126	0	0		155,519		441	1,095,990	17,878,156
2098	17,878,156	0	0		123,156		357	1,158,128	18,912,771
2099	18,912,771	0	0		96,178		287	1,226,245	20,042,551
2100	20,042,551	0	0		73,999		228	1,300,392	21,268,716
2101	21,268,716	0	0		56,039		179	1,380,668	22,593,166
2102	22,593,166	0	0		41,730		139	1,467,215	24,018,512
2103	24,018,512	0	0		30,531		107	1,560,223	25,548,097
2104	25,548,097	0	0		21,933		82	1,659,922	27,186,004
2105	27,186,004	0	0		15,467		63	1,766,593	28,937,067
2106	28,937,067	0	0		10,709		48	1,880,565	30,806,875
2107	30,806,875	0	0		7,288		37	2,002,213	32,801,763
2108	32,801,763	0	0		4,888		28	2,131,958	34,928,805
2109	34,928,805	0	0		3,243		22	2,270,267	37,195,807
2110	37,195,807	0	0		2,143		17	2,417,659	39,611,306
2111	39,611,306	0	0		1,421		14	2,574,689	42,184,560
2112	42,184,560	0	0		956		11	2,741,965	44,925,558
2113	44,925,558	0	0		658		9	2,920,141	47,845,032
2114	47,845,032	0	0		465		7	3,109,911	50,954,471
2115	50,954,471	0	0		339		6	3,312,030	54,266,156
2116	54,266,156	0	0		252		5	3,527,292	57,793,191
2117	57,793,191	0	0		190		4	3,756,551	61,549,548
2118	61,549,548	0	0		145		3	4,000,716	65,550,116
2119	65,550,116	0	0		110		3	4,260,754	69,810,757
2120	69,810,757	0	0		83		2	4,537,697	74,348,369
2121	74,348,369	0	0		61		2	4,832,642	79,180,948
2122	79,180,948	0	0		45		1	5,146,760	84,327,662
2123	84,327,662	0	0		32		1	5,481,297	89,808,926

Appendix A

Table 2 – Actuarial Present Values of Projected Benefit Payments
(\$ in Thousands)

					Present Value of Benefit Payments						
Calendar Year	Beginning Fiduciary Position	Benefit Payments	Funded Benefit Payments	Unfunded Benefit Payments	Funded Payments at 6.50%	Unfunded Payments at 3.93%	Using Single Discount Rate of 6.50%				
2024	\$ 83,642,777	\$ 5,895,299	\$ 5,895,299	\$ 0	\$ 5,712,563	\$ 0	\$ 5,712,563				
2025	87,758,117	6,095,746	6,095,746	0	5,546,288	0	5,546,288				
2026	91,069,430	6,292,374	6,292,374	0	5,375,768	0	5,375,768				
2027	94,319,008	6,489,584	6,489,584	0	5,205,869	0	5,205,869				
2028	97,634,789	6,692,781	6,692,781	0	5,041,194	0	5,041,194				
2029	101,284,127	6,908,848	6,908,848	0	4,886,330	0	4,886,330				
2030	104,943,849	7,133,867	7,133,867	0	4,737,536	0	4,737,536				
2031	108,180,597	7,359,261	7,359,261	0	4,588,938	0	4,588,938				
2032	110,952,033	7,580,676	7,580,676	0	4,438,500	0	4,438,500				
2033	113,181,472	7,798,773	7,798,773	0	4,287,509	0	4,287,509				
2034	114,969,689	8,013,041	8,013,041	0	4,136,438	0	4,136,438				
2035	116,342,779	8,218,863	8,218,863	0	3,983,742	0	3,983,742				
2036	117,667,680	8,412,872	8,412,872	0	3,828,901	0	3,828,901				
2037	118,605,365	8,592,436	8,592,436	0	3,671,949	0	3,671,949				
2038	118,796,949	8,746,944	8,746,944	0	3,509,838	0	3,509,838				
2039	118,634,811	8,876,676	8,876,676	0	3,344,502	0	3,344,502				
2040	118,088,681	8,999,665	8,999,665	0	3,183,888	0	3,183,888				
2041	117,205,141	9,115,493	9,115,493	0	3,028,043	0	3,028,043				
2042	116,064,710	9,229,234	9,229,234	0	2,878,710	0	2,878,710				
2043	114,667,540	9,337,261	9,337,261	0	2,734,652	0	2,734,652				
2044	113,003,401	9,415,114	9,415,114	0	2,589,158	0	2,589,158				
2045	111,088,142	9,459,754	9,459,754	0	2,442,661	0	2,442,661				
2046	108,942,757	9,486,103	9,486,103	0	2,299,967	0	2,299,967				
2047	106,574,214	9,493,377	9,493,377	0	2,161,250	0	2,161,250				
2048	103,990,847	9,478,108	9,478,108	0	2,026,078	0	2,026,078				
2049	101,205,812	9,437,303	9,437,303	0	1,894,231	0	1,894,231				
2050	98,237,169	9,368,932	9,368,932	0	1,765,735	0	1,765,735				
2051	95,106,366	9,281,671	9,281,671	0	1,642,525	0	1,642,525				
2052	91,825,198	9,179,075	9,179,075	0	1,525,229	0	1,525,229				
2053	88,401,416	9,049,617	9,049,617	0	1,411,942	0	1,411,942				
2054	84,857,858	8,874,886	8,874,886	0	1,300,169	0	1,300,169				
2055	81,242,394	8,658,104	8,658,104	0	1,190,996	0	1,190,996				
2056	77,602,282	8,416,573	8,416,573	0	1,087,109	0	1,087,109				
2057	73,966,201	8,158,823	8,158,823	0	989,500	0	989,500				
2058	70,354,032	7,889,881	7,889,881	0	898,481	0	898,481				
2059	66,780,812	7,612,921	7,612,921	0	814,030	0	814,030				
2060	63,258,669	7,330,222	7,330,222	0	735,964	0	735,964				
2061	59,797,725	7,043,502	7,043,502	0	664,016	0	664,016				
2062	56,406,705	6,754,304	6,754,304	0	597,889	0	597,889				
2063	53,093,127	6,464,215	6,464,215	0	537,287	0	537,287				
2064	49,863,243	5,975,797	5,975,797	0	466,377	0	466,377				
2065	46,927,376	5,694,345	5,694,345	0	417,287	0	417,287				
2066	44,091,202	5,414,227	5,414,227	0	372,544	0	372,544				
2067	41,359,929	5,136,113	5,136,113	0	331,838	0	331,838				
2068	38,738,384	4,860,661	4,860,661	0	294,875	0	294,875				
2069	36,231,010	4,588,568	4,588,568	0	261,379	0	261,379				
2070	33,841,799	4,320,529	4,320,529	0	231,089	0	231,089				
2071	31,574,274	4,057,205	4,057,205	0	203,761	0	203,761				
2072	29,431,495	3,799,226	3,799,226	0	179,159	0	179,159				
2073	27,416,066	3,547,199	3,547,199	0	157,065	0	157,065				

Appendix A
Table 2 – Actuarial Present Values of Projected Benefit Payments (continued)
(\$ in Thousands)

								Present Value of Benefit Payments						
Calendar Year	Beginning Fiduciary Position	ı	Benefit Payments	F	Funded Benefit Payments		Unfunded Benefit Payments	Pa	Funded ayments at 6.50%		Infunded yments at 3.93%		ing Single count Rate of 6.50%	
2074	\$ 25,530,128	\$	3,301,690	\$	3,301,690	\$	0	\$	137,272	\$	0	\$	137,272	
2075	23,775,374		3,063,229		3,063,229		0		119,584		0		119,584	
2076	22,153,059		2,832,313		2,832,313		0		103,821		0		103,821	
2077	20,664,002		2,609,406		2,609,406		0		89,813		0		89,813	
2078	19,308,596		2,394,938		2,394,938		0		77,400		0		77,400	
2079	18,086,813		2,189,309		2,189,309		0		66,436		0		66,436	
2080	16,998,210		1,992,886		1,992,886		0		56,784		0		56,784	
2081	16,041,933		1,806,005		1,806,005		0		48,319		0		48,319	
2082	15,216,727		1,628,953		1,628,953		0		40,922		0		40,922	
2083	14,520,956		1,461,970		1,461,970		0		34,486		0		34,486	
2084	13,952,628		1,305,236		1,305,236		0		28,909		0		28,909	
2085	13,509,436		1,158,860		1,158,860		0		24,101		0		24,101	
2086	13,188,809		1,022,881		1,022,881		0		19,974		0		19,974	
2087	12,987,968		897,261		897,261		0		16,452		0		16,452	
2088	12,903,990		781,894		781,894		0		13,462		0		13,462	
2089	12,933,871		676,610		676,610		0		10,938		0		10,938	
2090	13,074,588		581,171		581,171		0		8,822		0		8,822	
2091	13,323,168		495,271		495,271		0		7,059		0		7,059	
2092	13,676,758		418,537		418,537		0		5,601		0		5,601	
2093	14,132,705		350,538		350,538		0		4,405		0		4,405	
2094	14,688,629		290,785		290,785		0		3,431		0		3,431	
2095	15,342,501		238,747		238,747		0		2,645		0		2,645	
2096	16,092,709		193,853		193,853		0		2,017		0		2,017	
2097	16,938,126		155,519		155,519		0		1,519		0		1,519	
2098	17,878,156		123,156		123,156		0		1,130		0		1,130	
2099	18,912,771		96,178		96,178		0		828		0		828	
2100	20,042,551		73,999		73,999		0		598		0		598	
2101	21,268,716		56,039		56,039		0		425		0		425	
2102	22,593,166		41,730		41,730		0		298		0		298	
2103	24,018,512		30,531		30,531		0		204		0		204	
2104	25,548,097		21,933		21,933		0		138		0		138	
2105	27,186,004		15,467		15,467		0		91		0		91	
2106	28,937,067		10,709		10,709		0		59		0		59	
2107	30,806,875		7,288		7,288		0		38		0		38	
2108	32,801,763		4,888		4,888		0		24		0		24	
2109	34,928,805		3,243		3,243		0		15		0		15	
2110	37,195,807		2,143		2,143		0		9		0		9	
2111	39,611,306		1,421		1,421		0		6		0		6	
2112	42,184,560		956		956		0		4		0		4	
2113	44,925,558		658		658		0		2		0		2	
2114	47,845,032		465		465		0		2		0		2	
2115	50,954,471		339		339		0		1		0		1	
2116	54,266,156		252		252		0		1		0		1	
2117	57,793,191		190		190		0		1		0		1	
2118	61,549,548		145		145		0		0		0		0	
2119	65,550,116		110		110		0		0		0		0	
2120	69,810,757		83		83		0		0		0		0	
2121	74,348,369		61		61		0		0		0		0	
2122	79,180,948		45		45		0		0		0		0	
2123	84,327,662		32		32		0		0		0		0	