

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

Report on the Actuarial Valuation Prepared as of December 31, 2012

December 2013

December 31, 2013

Board of Trustees
Teachers' and State Employees'
Retirement System of North Carolina
Raleigh, North Carolina

Members of the Board:

We submit herewith our report on the actuarial valuation of the Legislative Retirement System of North Carolina prepared as of December 31, 2012. The report has been prepared in accordance with North Carolina General Statute 120-4.

The 2013 Appropriations Act (Session Law 2013-360) sets contributions at 0.00% of payroll effective for the fiscal year ending June 30, 2014. The valuation has been prepared in accordance with the parameters of Statement Nos. 25 and 27 of the Governmental Accounting Standards Board. The annual required contribution (ARC) under GASB for the 2014-2015 fiscal year is 0.00% of payroll.

The valuation is based upon membership data and financial information as furnished by the Retirement Systems Division and as summarized in this report. Although reviewed for reasonableness and consistency with the prior valuation, these elements have not been audited by Buck and we cannot certify as to the accuracy and completeness of the data supplied. The valuation is also based on benefit and contribution provisions as presented in this report. If you have reason to believe that the plan provisions are incorrectly described, that important plan provisions relevant to this valuation are not described, or that conditions have changed since the calculations were made, you should contact the authors of this actuarial report prior to relying on this information. The valuation is further based on the actuarial valuation assumptions, approved by the Board of Trustees, as presented in this report. We believe that these assumptions are reasonable and comply with the requirements of GASB Nos. 25 and 27. We prepared this report in accordance with the requirements of these standards. New actuarial standards indicate that the impact of possible future mortality improvements should be incorporated in actuarial valuations. It was beyond the scope of this project to evaluate the impact that such a modification in assumptions might have. This assumption will be reviewed with all other assumptions at the next experience review.

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, Buck performed no analysis of the potential range of such future differences.

The Table of Contents, which immediately follows, outlines the material contained in the report.

The undersigned meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained in this report. This report has been prepared in accordance with all applicable Actuarial Standards of Practice, and we are available to answer questions about it.

Respectfully submitted,



Michael A. Ribble, FSA, EA, MAAA
Principal, Consulting Actuary



Larry Langer, ASA, EA, MAAA
Principal, Consulting Actuary

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LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

TABLE OF CONTENTS

<u>Section</u>	<u>Item</u>	<u>Page No.</u>
I	Summary of Principal Results	1
II	Membership Data	3
III	Asset Allocation	5
IV	Comments on Valuation	5
V	Comments on Experience and Gains	7
VI	Accounting Information	8
 <u>Schedule</u>		
A	Development of Actuarial Value of Assets	11
B	Statement of Actuarial Assumptions and Methods	12
C	Summary of Main Benefit and Contribution Provisions	14
D	Detailed Tabulations of the Data	18

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SECTION I - SUMMARY OF PRINCIPAL RESULTS

1. This report, prepared as of December 31, 2012, presents the results of the actuarial valuation of the system. For convenience of reference, the principal results of the valuation and a comparison with the preceding year's results are summarized below.

TABLE I SUMMARY OF PRINCIPAL RESULTS		
VALUATION DATE	12/31/12	12/31/11
Active members		
Number	169	170
Reported compensation	\$ 3,510,220	\$ 3,552,297
Valuation compensation*	3,740,429	3,678,834
Retired members and survivors of deceased members currently receiving benefits		
Number	283	278
Annual allowances	\$ 2,079,757	\$ 2,051,304
Assets		
Actuarial value (AVA)	\$ 29,415,872	\$ 29,468,021
Market value	28,414,270	27,183,483
Actuarial accrued liability (AAL)	\$ 23,851,789	\$ 23,756,551
Unfunded actuarial accrued liability (AAL-AVA)	(5,564,083)	(5,711,470)
Funded ratio (AVA/AAL)	123.3%	124.0%
<u>GASB 25/27 for Fiscal Year Ending</u>	June 30, 2015	June 30, 2014
Annual required contribution (ARC)** of employer, as a percentage of payroll		
Normal cost	21.59%	20.99%
Disability benefit	0.65	2.19
Accrued liability	<u>(22.24)</u>	<u>(23.18)</u>
Total	0.00%	0.00%
Impact of legislative changes	<u>N/A</u>	<u>0.00</u>
Final ARC of employer	N/A	0.00%

* Reported compensation for 2012 adjusted to reflect the assumed rate of pay increase prior to the valuation date.

**If the accrued liability contribution is based on amortization of the unfunded actuarial accrued liability over an eight-year period, the total employer ARC would be less than \$0, which is not allowed under GASB 25/27. Therefore, the accrued liability contribution has been set such that the total ARC equals \$0.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

2. Tables summarizing the membership of the system as of the valuation date are shown in Section II.
3. An allocation of investments by category is shown in Section III.
4. Comments on the valuation results are provided in Section IV.
5. Comments on the experience and actuarial gains during the valuation year are provided in Section V.
6. Accounting information to be disclosed in the financial statements of the System and the employer is provided in Section VI.
7. Schedule A of this report presents the development of the actuarial value of assets.
8. Schedule B of this report outlines the full set of actuarial assumptions and methods employed.
9. Schedule C gives a summary of the benefit and contribution provisions of the system.
10. Schedule D provides detailed tabulations of the membership of the system as of the valuation date.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SECTION II - MEMBERSHIP DATA

Data regarding the membership of the system for use as a basis for the valuation were furnished by the system's office. The following tables summarize the membership of the system as of December 31, 2012 upon which the valuation was based. Detailed tabulations of the data are given in Schedule D.

TABLE II THE NUMBER AND REPORTED COMPENSATION OF ACTIVE MEMBERS INCLUDED IN THE VALUATION AS OF DECEMBER 31, 2012				
GROUP	NUMBER	AVERAGE AGE	AVERAGE SERVICE	REPORTED COMPENSATION
Male	127	59.26	7.81	\$ 2,700,300
Female	<u>42</u>	<u>63.93</u>	<u>8.69</u>	<u>809,920</u>
Total	169	60.42	8.03	\$ 3,510,220

TABLE III THE NUMBER AND DEFERRED BENEFITS OF TERMINATED MEMBERS ENTITLED TO BENEFITS BUT NOT YET RECEIVING BENEFITS INCLUDED IN THE VALUATION AS OF DECEMBER 31, 2012				
GROUP	NUMBER	AVERAGE AGE	AVERAGE SERVICE	DEFERRED RETIREMENT ALLOWANCE
Male	28	56.44	10.36	\$ 256,889
Female	<u>8</u>	<u>53.65</u>	<u>8.95</u>	<u>59,449</u>
Total	36	55.82	10.05	\$ 316,338

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

TABLE IV
THE NUMBER AND ACCUMULATED CONTRIBUTIONS
OF NON-VESTED TERMINATED MEMBERS
WHO HAVE NOT RECEIVED A REFUND OF CONTRIBUTIONS
INCLUDED IN THE VALUATION AS OF DECEMBER 31, 2012

GROUP	NUMBER	AVERAGE AGE	AVERAGE SERVICE	ACCUMULATED CONTRIBUTIONS
Male	40	59.55	2.75	\$ 219,182
Female	<u>5</u>	<u>55.73</u>	<u>2.40</u>	<u>22,584</u>
Total	45	59.13	2.71	\$ 241,766

TABLE V
THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES
OF RETIRED MEMBERS AND SURVIVORS OF DECEASED
MEMBERS CURRENTLY IN RECEIPT OF BENEFITS
INCLUDED IN THE VALUATION
AS OF DECEMBER 31, 2012

GROUP	NUMBER	AVERAGE AGE	ANNUAL RETIREMENT ALLOWANCES
<u>Retired Members (Healthy at Retirement)</u>			
Males	188	76.47	\$ 1,412,926
Females	<u>37</u>	<u>75.71</u>	<u>293,489</u>
Total	225	76.35	\$ 1,706,415
<u>Survivors of Deceased Members</u>			
Males	2	62.79	\$ 20,118
Females	<u>56</u>	<u>76.75</u>	<u>353,224</u>
Total	58	76.27	\$ 373,342
Grand Total	<u>283</u>	<u>76.33</u>	<u>\$ 2,079,757</u>

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SECTION III – ASSET ALLOCATION

The following table shows an allocation of investments by category for the Annuity Savings Fund and Pension Accumulation Fund as of December 31, 2012.

TABLE VI	
ALLOCATION OF INVESTMENTS BY CATEGORY FOR THE ANNUITY SAVINGS FUND AND PENSION ACCUMULATION FUND AS OF DECEMBER 31, 2012	
Cash and Receivables	0.2%
Fixed Income (LTIF)	35.4%
Public Equity	44.5%
Other*	<u>19.9%</u>
Total	100.0%

* Real Estate, Alternatives, Inflation and Credit.

SECTION IV - COMMENTS ON VALUATION

G.S. 120-4.20 of the retirement act provides that the State shall make a normal contribution and an unfunded accrued liability contribution. The normal contribution rate payable by the State was determined by dividing the one-year normal cost based on the projected unit credit method by the payroll and is equal to 21.59% of payroll exclusive of the rate necessary to provide a benefit upon disability in active service. The normal rate necessary to provide the disability benefit on a one-year term basis was calculated to be 0.65% of payroll. The total normal rate is therefore equal to 22.24% of payroll.

The actuarial accrued liability is calculated based on the projected unit credit method prorated based on service to date divided by total projected service. Benefits at retirement are projected using salary increase assumptions. The accrued liability contribution rate is determined based on an eight-year amortization period, and will liquidate the unfunded accrued liability within an eight-year period. If the accrued liability contribution is based on the amortization of the unfunded accrued liability over an eight-year period, the total employer ARC would be less than \$0, which is not

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

allowed under GASB 25/27. Therefore, the accrued liability contribution has been set such that the total ARC equals \$0.

The December 31, 2011 valuation suggested that the total employer contribution rate be set at 0.00% of payroll for the fiscal year ending June 30, 2014. Subsequently, the 2013 Appropriations Act (Session Laws 2013-360) set contributions at 0.00% of payroll effective for the fiscal year ending June 30, 2014. As a result of this December 31, 2012 valuation, the preliminary total employer contribution rate should be set at 0.00% of payroll for the fiscal year ending June 30, 2015, subject to the impact of any future legislative changes effective during that fiscal year. The valuation has been prepared in accordance with the parameters of Statement Nos. 25 and 27 of the Governmental Accounting Standards Board and all applicable Actuarial Standards of Practice. The annual required contribution (ARC) under GASB for the fiscal year ending June 30, 2015 is 0.00% of payroll.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SECTION V - COMMENTS ON EXPERIENCE AND GAINS

The following table shows a detailed reconciliation of the change in unfunded accrued liability since the prior valuation.

TABLE VII	
RECONCILIATION OF CHANGE IN UNFUNDED ACCRUED LIABILITY SINCE THE PRIOR VALUATION (IN MILLIONS)	
Unfunded accrued liability as of 12/31/11	\$ (5.7)
Normal cost during 2012	1.0
Reduction due to actual contributions during 2012	(0.3)
Interest on unfunded accrued liability, normal cost and contributions	(0.4)
Asset (gain)/loss	0.3
Accrued liability (gain)/loss	(0.5)
Impact of Legislative changes	<u>0.0</u>
Unfunded accrued liability as of 12/31/12	\$ (5.6)

Each 1.0% increase in retirement allowances as of July 1, 2014 to retired members and survivors of deceased members currently in receipt of benefits on July 1, 2013 and a prorated portion of each 1.0% increase as of July 1, 2014 for retired members and survivors of deceased members who commence benefits after July 1, 2013 but before June 30, 2014 is equivalent to 0.64% of payroll.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SECTION VI - ACCOUNTING INFORMATION

1. Statement Nos. 25 and 27 of the Governmental Accounting Standards Board (GASB) set forth certain items of information to be disclosed in the financial statements of the System and the employer. 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 DECEMBER 31, 2012	
GROUP	NUMBER
Retired members and survivors of deceased members currently receiving benefits	283
Terminated members and survivors of deceased members entitled to benefits but not yet receiving benefits	81
Active members	<u>169</u>
Total	533

2. Another such item is the schedule of funding progress as shown below.

SCHEDULE OF FUNDING PROGRESS						
Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) PUC (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a / b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b - a) / c)
12/31/07	\$30,698,398	\$22,883,168	\$(7,815,230)	134.2%	\$3,679,568	(212.4)%
12/31/08	30,097,153	23,091,832	(7,005,321)	130.3	3,669,989	(190.9)
12/31/09	29,792,114	23,510,848	(6,281,266)	126.7	3,622,377	(173.4)
12/31/10	29,834,730	23,751,803	(6,082,927)	125.6	3,668,183	(165.8)
12/31/11	29,468,021	23,756,551	(5,711,470)	124.0	3,678,834	(155.3)
12/31/12	29,415,872	23,851,789	(5,564,083)	123.3	3,510,220	(158.5)

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

3. Following is the calculation of the annual pension cost and net pension obligation for the fiscal year ending June 30, 2013.

Annual Pension Cost and Net Pension Obligation for Fiscal Year Ending 6/30/2013

(a)	Employer annual required contribution	\$	0
(b)	Interest on net pension obligation		(9,000)
(c)	Adjustment to annual required contribution		19,000
(d)	Annual pension cost: (a) + (b) + (c)	\$	10,000
(e)	Employer contributions made for fiscal year ending 6/30/2013		0
(f)	Increase (decrease) in net pension obligation: (d) - (e)	\$	10,000
(g)	Net pension obligation beginning of fiscal year		(123,000)
(h)	Net pension obligation end of fiscal year: (f) + (g)	\$	(113,000)

TREND INFORMATION			
Year Ending	Annual Pension Cost (APC)	Percentage APC Contributed	Net Pension Obligation
June 30, 2011	\$15,000	0.0%	\$(136,000)
June 30, 2012	13,000	0.0	(123,000)
June 30, 2013	10,000	0.0	(113,000)

4. The annual required contribution (ARC) of the employer as a percentage of payroll, determined in accordance with the parameters of GASB 25/27, is shown below. If the annual required employer contribution (ARC) is based on the amortization of the unfunded accrued liability over an eight-year period, the total employer ARC would be less than \$0, which is not allowed under GASB 25/27. Therefore, the accrued liability contribution has been set such that the total ARC equals \$0.

2014/2015 FISCAL YEAR ANNUAL REQUIRED CONTRIBUTION (ARC) BASED ON THE VALUATION AS OF DECEMBER 31, 2012	
ANNUAL REQUIRED CONTRIBUTION (ARC)	RATE
Normal Cost	21.59%
Disability Benefit	0.65
Accrued Liability	(22.24)
Total	0.00%

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

5. Additional information as of December 31, 2012 follows.

Valuation date	12/31/12
Actuarial cost method	Projected unit credit
Amortization method	Level dollar open
Amortization period	8 years*
Asset valuation method	20% of market value plus 80% of expected actuarial value
Actuarial assumptions:	
Investment rate of return	7.25%
Projected salary increases	7.50%
Cost-of-living adjustments	N/A

- * If the annual required employer contribution (ARC) is based on the amortization of the unfunded accrued liability over an eight-year period, the total employer ARC would be less than \$0, which is not allowed under GASB 25/27. Therefore, the accrued liability contribution has been set such that the total ARC equals \$0.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE A

DEVELOPMENT OF ACTUARIAL VALUE OF ASSETS FOR THE YEAR ENDING DECEMBER 31, 2012		
1.	Actuarial Value of Assets as of December 31, 2011	\$ 29,468,021
2.	2012 Net Cash Flow	
a.	Contributions	252,250
b.	Disbursements	<u>2,122,629</u>
c.	Net Cash Flow: (a) - (b)	(1,870,379)
3.	Expected Investment Return: [(1) x .0725] + [(2)c x .03625]	2,068,630
4.	Expected Actuarial Value of Assets as of December 31, 2012: (1) + (2)c + (3)	29,666,272
5.	Market Value of Assets as of December 31, 2012	28,414,270
6.	Excess of Market Value over Expected Actuarial Value of Assets: (5) - (4)	(1,252,002)
7.	20% Adjustment towards Market Value: (6) x .20	(250,400)
8.	Actuarial Value of Assets as of December 31, 2012: (4) + (7)	29,415,872
10.	Rate of investment return on actuarial value	6.37%
11.	Rate of investment return on market value	11.81%

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE B

STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS

The next experience investigation will be based on the five-year period ending December 31, 2014. The actuary will present this investigation during the fall of 2015 for adoption by the Board of Trustees. New actuarial standards indicate that the impact of possible future mortality improvements should be incorporated in actuarial valuations. It was beyond the scope of this project to evaluate the impact that such a modification in assumptions might have.

INTEREST RATE: 7.25% per annum compounded annually.

INFLATION: Both general and wage inflation are assumed to be 3.00% per annum.

PRODUCTIVITY INCREASE: 0.50% per annum.

WITHDRAWAL: No termination of employment is assumed to occur prior to retirement, other than death or disability.

ANNUAL RATE OF SALARY INCREASE: 7.50%.

SEPARATIONS BEFORE RETIREMENT: Representative values of the assumed annual rates of separation are as follows:

Annual Rate of			
<u>Age</u>	<u>Disability</u>	<u>Mortality</u>	
		<u>Male</u>	<u>Female</u>
25	.0001	.0006	.0006
30	.0004	.0008	.0008
35	.0010	.0011	.0011
40	.0029	.0016	.0016
45	.0049	.0029	.0029
50	.0084	.0053	.0053
55	.0144	.0085	.0085
60		.0131	.0131
64		.0192	.0192

SERVICE RETIREMENT: 100% of members are assumed to retire at the later of age 65 and five years of service.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

Representative values of the assumed post-retirement mortality rates are as follows:

Annual Rate of Death after Retirement (Retired Members and Survivors of Deceased Members)						
Age	Retirees (Healthy at Retirement)		Survivors of Deceased Members		Retirees (Disabled at Retirement)	
	Male	Female	Male	Female	Male	Female
55	.0085	.0085	.0085	.0085	.0531	.0531
60	.0131	.0131	.0131	.0131	.0643	.0643
65	.0213	.0213	.0213	.0213	.0697	.0697
70	.0361	.0361	.0361	.0361	.0361	.0361
75	.0553	.0553	.0553	.0553	.0553	.0553
80	.0874	.0874	.0874	.0874	.0874	.0874

DEATHS AFTER RETIREMENT (NON-DISABLED): According to the 1971 Group Annuity Mortality Table for males.

DEATHS PRIOR TO RETIREMENT: According to the 1971 Group Annuity Mortality Table for males.

TIMING OF ASSUMPTIONS: All withdrawals, deaths, disabilities, retirements and salary increases are assumed to occur July 1 of each year.

LIABILITY FOR INACTIVE MEMBERS: The liability for members who terminated prior to five years of creditable service is estimated to be 100% of the member's accumulated contributions. The liability for members who terminated after completing five years of creditable service is estimated based on the member's current age and the service and reported compensation at termination of employment.

ADMINISTRATIVE EXPENSES: None.

REPORTED COMPENSATION: Calendar year compensation as furnished by the system's office.

VALUATION COMPENSATION: Reported compensation adjusted to reflect the assumed rate of pay as of the valuation date.

VALUATION METHOD: Projected unit credit. Projected benefits and the corresponding liabilities are allocated based on proration by creditable service.

ASSET VALUATION METHOD: Actuarial value, as developed in Schedule A. The actuarial value of assets recognizes a portion of the difference between the market value of assets and the expected actuarial value of assets, based on the assumed valuation rate of return. The amount recognized each year is 20% of the difference between market value and expected actuarial value.

CHANGES SINCE PRIOR VALUATION: None.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE C

SUMMARY OF MAIN BENEFIT AND CONTRIBUTION PROVISIONS

All members of the General Assembly are eligible for membership.

"Compensation" means salary and expense allowance paid for service as a legislator in the General Assembly, exclusive of travel and per diem. "Highest annual compensation" means the 12 consecutive calendar months of compensation during a member's final legislative term for the highest position that a member held as a member of the General Assembly. "Creditable service" includes all service rendered as a member of the General Assembly.

BENEFITS

Service Retirement Allowance

Conditions for Allowance

A service retirement allowance is payable to any member who retires from service and:

- (a) has attained age 50 and completed 20 or more years of creditable service; or
- (b) has attained age 60 and completed five or more years of creditable service.

Unreduced Allowance

An unreduced annual service retirement allowance is payable to a member who has attained age 65 and completed five years of creditable service.

The Service Retirement Allowance is equal to 4.02% of a member's highest annual compensation multiplied by the number of years of creditable service.

Reduced Allowance

A reduced annual service retirement allowance is payable to a member who retires from service after attaining age 60 and completing five years of creditable service.

The reduced amount is an allowance as computed above reduced by 1/4% for each month that the member's retirement date precedes the date upon which the member would have attained age 65 had he remained in service.

OR

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

A reduced annual service retirement allowance is payable to a member who retires from service after attaining age 50 and completing 20 years of creditable service.

The reduced amount is an allowance as computed above reduced by $\frac{5}{12}$ of 1% for each month that the member's retirement date precedes the date upon which the member would have attained age 60, plus $\frac{1}{4}\%$ for each month that the member's retirement date precedes the date upon which the member would have attained age 65.

Maximum Amount

The maximum annual service retirement allowance (on an unreduced basis) is 75% of the member's highest annual compensation.

Disability Retirement Allowance

Condition for Allowance

Any member who becomes permanently and totally disabled prior to the attainment of age 60 and who has completed at least five years of creditable service may be retired by the Board of Trustees on a disability retirement allowance.

Amount of Allowance

The disability retirement allowance is computed as an unreduced service retirement allowance based on the number of years of creditable service the member would have had had he remained in service to age 60.

Deferred Allowance

Any member who separates from service after completing five years of creditable service and who leaves his total accumulated contributions in the system may receive a deferred allowance, beginning at age 50, computed in the same way as a service retirement allowance on the basis of his creditable service and compensation to the date of separation.

Return of Contributions

Upon the withdrawal of a member without a retirement allowance and upon his request, the member's contributions are returned, together with accumulated regular interest thereon if the member has at least five years of membership service.

Upon the death of a member before retirement, his contributions, together with the full accumulated regular interest thereon, are paid to his estate or to person(s) designated by the member unless the designated beneficiary, if eligible, elects the survivor's alternate benefit described below.

The current interest rate on member contributions is 4%.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

Survivor's Alternate Benefit

Upon the death of a member in service who has met conditions (a) or (b) below, his designated beneficiary may elect to receive a benefit equal to that which would have been payable under the provisions of Option 2 had the member retired on the first day of the month following his death and elected such option, in lieu of the member's accumulated contributions, provided the member had not instructed the Board of Trustees in writing that he did not wish the alternate benefit to apply.

- (a) attainment of age 60 and completion of five years of creditable service;
- (b) completion of 12 years of creditable service.

Lump Sum Death Benefit

Upon the death of a member in active service after completing one year of creditable service, a lump sum payment equal to the deceased members highest annual compensation to a maximum of \$15,000 is made to his designated beneficiary or estate.

Death After Retirement

Upon the death of a beneficiary who did not retire under an effective election of Option 2 or Option 3, an amount equal to the excess if any, of his accumulated contributions at retirement over the retirement allowance payments received is paid to a designated person or to the beneficiary's estate.

Upon the death of the survivor of a beneficiary who retired under an effective election of Option 2 or Option 3, an amount equal to the excess, if any, of the beneficiary's accumulated contributions at retirement over the total retirement allowance payments received is paid to such other person designated by the beneficiary or to the beneficiary's estate.

Optional Arrangements at Retirement

In lieu of the full retirement allowance, any member may elect to receive a reduced retirement allowance equal in value to the full allowance, with the provision that:

Option 1 - A member retiring prior to July 1, 1993, may elect that at his death within 10 years from his retirement date, an amount equal to his accumulated contributions at retirement, less 1/120 for each month he has received a retirement allowance, is paid to his estate, or to a person(s) designated by the member, or

Option 2 - At the death of the member his allowance shall be continued throughout the life of such other person as the member shall have designated at the time of his retirement, or

Option 3 - At the death of the member one-half of his allowance shall be continued throughout the life of such other person as the member shall have designated at the time of his retirement.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

Post-Retirement Increases in Allowance

Future increases in allowances may be granted at the discretion of the State.

Contributions

Member Contributions

Each member contributes 7% of his annual compensation.

Employer Contributions

The State makes annual contributions consisting of a normal contribution and an accrued liability contribution. The normal contribution covers the liability on account of current service and is determined by the actuary after each valuation.

The accrued liability contribution covers the liability on account of service rendered before the establishment of the retirement system and the liability on account of increases in benefits for service rendered prior to the effective date of any amendment.

Changes Since Prior Valuation

None.

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE D

DETAILED TABULATIONS OF THE DATA

TABLE 1

THE NUMBER AND AVERAGE REPORTED COMPENSATION OF
ACTIVE MEMBERS DISTRIBUTED BY AGE AND SERVICE
AS OF DECEMBER 31, 2012

AGE	YEARS OF SERVICE										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
Under 25	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0
25 to 29	0	1	0	0	0	0	0	0	0	0	1
	0	20,659	0	0	0	0	0	0	0	0	20,659
30 to 34	0	0	1	0	0	0	0	0	0	0	1
	0	0	20,659	0	0	0	0	0	0	0	20,659
35 to 39	0	5	1	1	0	0	0	0	0	0	7
	0	20,659	20,659	20,659	0	0	0	0	0	0	20,659
40 to 44	0	9	1	2	0	0	0	0	0	0	12
	0	20,659	20,659	20,659	0	0	0	0	0	0	20,659
45 to 49	2	6	3	3	0	0	0	0	0	0	14
	13,217	20,659	19,956	20,659	0	0	0	0	0	0	19,445
50 to 54	1	10	7	2	0	0	0	0	0	0	20
	4,998	20,659	27,168	20,659	0	0	0	0	0	0	22,154
55 to 59	0	7	5	3	1	0	0	0	0	0	16
	0	20,659	21,535	20,659	20,659	0	0	0	0	0	20,933
60 to 64	2	12	6	6	0	1	0	1	0	0	28
	6,869	20,659	20,502	27,130	0	20,659	0	20,659	0	0	21,027
65 to 69	2	14	4	11	3	3	0	2	0	0	39
	6,497	20,647	20,659	20,659	20,659	20,659	0	25,040	0	0	20,153
70 & up	0	4	7	6	7	5	1	1	0	0	31
	0	20,659	20,659	22,491	20,659	20,659	20,659	20,659	0	0	21,014
Total	7	68	35	34	11	9	1	4	0	0	169
	8,309	20,657	21,999	22,124	20,659	20,659	20,659	22,850	0	0	20,771

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE D

TABLE 2

THE NUMBER AND REPORTED COMPENSATION OF
ACTIVE MEMBERS DISTRIBUTED BY AGE
AS OF DECEMBER 31, 2012

Age	Men		Women	
	Number	Amount	Number	Amount
27	1	\$ 20,659		
34			1	\$ 20,659
35	2	41,318		
36	1	20,659		
37	1	20,659		
38	1	20,659		
39	2	41,318		
40	1	20,659	1	20,659
41	2	41,318		
42	3	61,977		
43	1	20,659		
44	4	82,636		
45	1	20,659		
46	3	61,977		
47	1	20,659	1	7,053
48	4	79,248		
49	3	61,977	1	20,659
50	2	41,318		
51	4	82,636		
52	3	96,425	1	20,659
53	2	41,318	2	41,318
54	3	73,089	3	46,316
55	2	41,318		
56	4	82,636		
57	4	87,017	1	20,659
58	3	61,977		
59	2	41,318		
60	5	137,738		
61	5	90,577	2	41,318
62	7	133,187	1	20,659
63	2	41,318	2	41,318
64	4	82,636		
65	5	103,295	4	82,636
66	5	107,676	4	70,307
67	6	128,335	2	25,324
68	3	61,977	2	41,318
69	2	41,318	6	123,786
70	2	41,318	1	20,659
71	4	82,636		
72	2	41,318		
73	3	61,977	2	41,318

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE D

TABLE 2

THE NUMBER AND REPORTED COMPENSATION OF
ACTIVE MEMBERS DISTRIBUTED BY AGE
AS OF DECEMBER 31, 2012

Age	Men		Women	
	Number	Amount	Number	Amount
74	1	20,659		
75	1	20,659	1	20,659
76	3	61,977	1	20,659
77			1	20,659
78			1	20,659
79	2	41,318		
81	1	20,659	1	20,659
82	1	20,659		
83	1	31,652		
87	1	20,659		
88	1	20,659		
Total	127	\$ 2,700,300	42	\$ 809,920

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE D

TABLE 3

THE NUMBER AND REPORTED COMPENSATION OF
ACTIVE MEMBERS DISTRIBUTED BY SERVICE
AS OF DECEMBER 31, 2012

Years of Service	Men		Women	
	Number	Amount	Number	Amount
0	3	\$ 33,119	4	\$ 25,046
1	5	103,295	1	20,491
2	37	764,382	6	123,954
3	3	61,977	1	20,659
4	13	268,566	2	41,318
5	1	20,659	1	20,659
6	6	156,291	6	123,954
7	2	40,374		
8	17	366,694	2	41,318
10	11	238,241	6	123,954
11	1	20,659		
12	7	183,442	1	20,659
13			2	41,318
14	4	82,636	2	41,318
16	3	61,977	2	41,318
17	1	20,659		
18	3	61,977	2	41,318
20	1	20,659	3	61,977
22	3	61,977		
24	1	20,659	1	20,659
28	1	20,659		
31	1	25,040		
32	3	66,358		
Total	127	\$ 2,700,300	42	\$ 809,920

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE D

TABLE 4

THE NUMBER AND DEFERRED RETIREMENT ALLOWANCE OF
TERMINATED VESTED MEMBERS DISTRIBUTED BY AGE
AS OF DECEMBER 31, 2012

Age	Men		Women	
	Number	Amount	Number	Amount
38	1	\$ 4,983		
42			1	\$ 4,983
45	1	6,644		
46			1	4,983
47	1	10,234	1	4,983
48	1	8,305		
49	2	11,350		
50	2	16,311		
52	1	4,983		
53	1	4,637	2	25,122
55	2	19,378	1	4,983
56	3	20,762		
57	2	18,824		
59	4	36,611	1	8,305
60	2	29,349		
63	1	9,966		
64	1	4,983		
66	1	15,979		
71			1	6,090
73	2	33,590		
Total	28	\$ 256,889	8	\$ 59,449

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE D

TABLE 5

THE NUMBER AND ACCUMULATED CONTRIBUTIONS OF
NON-VESTED TERMINATED MEMBERS DISTRIBUTED BY AGE
AS OF DECEMBER 31, 2012

Age	Men		Women	
	Number	Amount	Number	Amount
37	1	\$ 4,037		
40	1	3,451		
41	1	3,191		
42	1	4,626		
44			1	\$ 7,184
45	2	12,245		
49	1	3,895		
50	1	6,642		
51	1	3,747		
54	1	9,576		
55	2	14,073	1	4,651
56	1	3,895	1	3,191
57	3	19,231		
58	1	4,037		
59	2	8,936		
60	2	10,491	1	3,191
61	1	6,642		
62	5	14,383	1	4,367
63	2	10,961		
64	3	16,638		
67	1	3,249		
68	1	4,723		
69	2	14,435		
73	2	15,696		
79	1	9,760		
90	1	10,622		
Total	40	\$ 219,182	5	\$ 22,584

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE D

TABLE 6

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF
RETIRED MEMBERS AND SURVIVORS OF DECEASED MEMBERS
DISTRIBUTED BY AGE AS OF DECEMBER 31, 2012

Age	Men		Women	
	Number	Amount	Number	Amount
42	1	\$ 10,130		
45			2	\$ 14,820
50			1	5,141
56			1	1,885
58			1	7,098
60	1	2,281		
61	2	5,511		
62	3	19,943		
63	4	31,682	6	28,990
64	7	52,267	1	20,740
65	2	40,030	2	6,752
66	6	73,444	3	23,637
67	6	31,535	5	34,633
68	8	69,866	4	26,052
69	7	39,348	1	8,238
70	10	79,808	3	11,352
71	9	62,873	1	3,600
72	6	27,958	3	16,200
73	3	16,385	3	21,067
74	7	48,630	2	19,831
75	5	40,148	4	40,162
76	12	91,840	3	31,115
77	7	58,893	4	28,676
78	10	113,143	2	5,733
79	5	41,130	3	19,726
80	10	53,399	5	41,628
81	4	24,022	4	28,395
82	8	60,282	3	24,769
83	6	59,926	2	13,885
84	4	11,814	3	12,760
85	9	72,924	3	12,036
86	8	48,799	3	12,585
87	5	28,917	3	26,121
88	1	762	3	26,414
89	7	63,931		
90	5	50,282	3	44,075
91	2	1,141		
92			1	7,545

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE D

TABLE 6

THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF
RETIRED MEMBERS AND SURVIVORS OF DECEASED MEMBERS
DISTRIBUTED BY AGE AS OF DECEMBER 31, 2012

Age	Men		Women	
	Number	Amount	Number	Amount
93			1	\$ 8,323
94			1	5,308
95			1	6,534
97			1	474
99			1	413
Total	190	\$ 1,433,044	93	\$ 646,713

LEGISLATIVE RETIREMENT SYSTEM OF NORTH CAROLINA

SCHEDULE D

TABLE 7

THE DISTRIBUTION OF THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES
OF RETIRED MEMBERS AND SURVIVORS OF DECEASED MEMBERS
BY ANNUITY TYPE AS OF DECEMBER 31, 2012

Annuity Type	Men		Women	
	Number	Amount	Number	Amount
Maximum	76	\$ 615,688	32	\$ 265,302
Option 1	6	32,141	2	10,009
Option 2	94	637,013	3	18,178
Option 3	12	128,084	0	0
Survivors of Deceased Members	2	20,118	56	353,224
Total	190	\$ 1,433,044	93	\$ 646,713