

**Employees Retirement System  
of the State of  
Rhode Island**

**NINETEENTH ANNUAL REPORT  
OF THE  
RETIREMENT BOARD**

**For the Fiscal Year Ended  
June 30, 1954**

Employees Retirement System of the  
State of Rhode Island

NINETEENTH ANNUAL REPORT

of the

RETIREMENT BOARD

For the Fiscal Year Ended

June 30, 1954

RETIREMENT BOARD

HON. RAYMOND H. HAWKSLEY, CHAIRMAN  
General Treasurer

JOSEPH M. BOISVERT  
Woonsocket

HOWARD KENYON  
Director of Administration

THOMAS J. MEEHAN  
Director of Business Regulation

MICHAEL F. WALSH  
Commissioner of Education

JAMES E. CONLON  
Sup't, South Kingstown School Department

CHARLES W. HILL  
Assistant Controller

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JOSEPH B. LEWIS  
Secretary

January 21, 1955

To His Excellency  
The Honorable Dennis J. Roberts  
Governor, State of Rhode Island  
and Providence Plantations  
Providence, Rhode Island

Sir:

On behalf of the Retirement Board of the Employees Retirement System of the State of Rhode Island, I take pleasure in submitting herewith, for transmittal to the General Assembly, the NINETEENTH ANNUAL REPORT of the Retirement Board, covering operations of the system for the fiscal year ended June 30, 1954.

Respectfully submitted,

Raymond H. Hawksley  
Chairman

Employees Retirement System of the  
State of Rhode Island

NINETEENTH ANNUAL REPORT  
of the  
RETIREMENT BOARD

The Nineteenth Annual Report of the Retirement Board of the Employees Retirement System of the State of Rhode Island is presented herewith. This report sets forth the results of operations of the system for the fiscal year ended June 30, 1954, and its financial condition at such date, supplemented by a report from the actuary on an actuarial valuation of the system as of the close of the year.

MEMBERSHIP

The number of members in the system at the close of the year and the comparative figures for the preceding year are as follows:

Active Members

<u>State Employees</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Number at June 30, 1954	4,232	2,807	7,039
Number at June 30, 1953	<u>3,942</u>	<u>2,596</u>	<u>6,538</u>
Increase for the Year	290	211	501
	<u>=====</u>	<u>=====</u>	<u>=====</u>

<u>Teachers</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Number at June 30, 1954	1,225	3,520	4,745
Number at June 30, 1953	<u>1,195</u>	<u>3,486</u>	<u>4,681</u>
Increase for the Year	<u>30</u>	<u>34</u>	<u>64</u>

<u>Retirements and Beneficiaries</u>	<u>State Employed</u>	<u>Teachers</u>	<u>Total</u>
Number at June 30, 1954	239	374	613
Number at June 30, 1953	<u>213</u>	<u>307</u>	<u>520</u>
Increase for the Year	<u>26</u>	<u>67</u>	<u>93</u>

Total membership of the system at June 30, 1954, including active members and beneficiaries was 12,397, compared with 11,739 at the end of the preceding fiscal year.

RESULTS OF CURRENT FINANCIAL OPERATIONS

Income for year amounted to \$4,108,479.57, consisting of the following:

Member contributions	\$1,829,289.41
Employer contributions	1,847,038.00
Income on investments	394,670.96
Sundry	<u>37,481.20</u>
Total	<u>\$4,108,479.57</u>

Total expenditures amounted to \$1,417,261.57, and represents the following items:

Pension and Benefit Payments -

State Employees	\$ 294,743.96
Teachers	788,634.07
Refunds	303,452.36
Pension increases	29,804.54
Sundry	<u>626.64</u>
Total	<u><u>\$1,417,261.57</u></u>

The excess of income over expenditures amounted to \$2,691,218.00. This was credited to the reserves of the system. It should be noted that about one-half of such excess represented increases in the members' contribution credit accounts and the remainder was reflected in larger balances in the Contingency Reserve. The rate of increase in such reserve is much less in the case of teachers than for State employees. The conclusion to be drawn from this condition is that the rate of contribution on the part of the State and the cities and towns, being 6% of payroll for both, is too low and needs revision. Such a change will be recommended at the end of the ten-year period for which the present rate was established.

Financial statements illustrating the financial condition of the system and the results of operations are presented as a part of this report.

INVESTMENTS

Total investments of the system at the close of the year amounted to \$16,001,333.15 at par value for bonds and at cost value for bank stocks. These investments classified by types of security are summarized as follows:

<u>Type of Investment</u>	<u>Par Value or Cost</u>
United States Government	\$14,352,500.00
Federal Land Bank	150,000.00
State of Rhode Island	1,000.00
Municipalities in Rhode Island	1,010,000.00
Municipalities of Canada	20,000.00
Public Utility, Railroad and Industrial Bonds	195,000.00
Bank Stocks	<u>272,833.15</u>
Total	<u><u>\$16,001,333.15</u></u>

The total income for the year on the average amount of investments owned was equal to 2.71%.

During the year an increase in the following types of investments occurred:

U. S. Government	\$2,200,000.00
Federal Land Bank	50,000.00
Municipalities in Rhode Island	481,000.00
Industrial Bonds	53,000.00
Bank Stocks	<u>48,109.60</u>
Total Increase	<u><u>\$2,832,109.60</u></u>



APPROPRIATIONS FOR THE FISCAL YEAR  
1954 - 1955

The following appropriations were authorized by the General Assembly at the 1954 session covering the 1954-1955 fiscal period.

State Employees

Normal appropriation - 4 $\frac{1}{2}$ % of assumed payroll of the members	\$990,000.00
Pension increases - Chapter 2037, P. L. 1948, for retirants	14,100.00
Pension increases - Chapter 3017, P. L. 1952, for retirants	17,600.00

Teachers

Normal requirements - 3% of assumed payroll of the members <sup>1/</sup>	\$546,600.00
Pension increases - Chapter 3000, P. L. 1952, for retirants	3,400.00

Special Appropriation

Hercules A. Altieri	\$3,080.00
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<sup>1/</sup> The total rate is 6% of payroll which is shared equally by the State of Rhode Island and the cities and towns.

1954 LEGISLATION

The several amendatory changes made at the 1954 session of the General Assembly are summarized:

Chapter 3369. Extension of Options 2, 3 and 4 to members in service who are age 60 or over. The purpose of this change is to grant aged employees in service the option of providing survivors benefits under the established options. Upon death of a member electing an option, a benefit would be payable to the specified beneficiary even though death occurred while in service.

Chapter 3370. Increase in death benefit coverage from ten to twenty-five years of service, at the rate of \$200.00 per year of service. Maximum benefit increased from \$2,000.00 to \$5,000.00. This change applies only to State employees and members of the General Assembly.

Chapter 3369. Granting of credit for service prior to the date of membership in the case of a member who did not enter the membership of the system at the beginning of his State service, provided the member makes application therefor and makes a contribution for such service equal to 5% of salary plus interest

FEDERAL SOCIAL SECURITY

Public Law 761, approved September 1, 1954, established eligibility for coverage under the old-age and survivors insurance provisions of the Federal Social Security Act for members of public employees retirement systems. The decision for coverage rests with the State and the members of the retirement systems. The State social security enabling law must be amended to enable members of existing retirement systems to participate in federal social security. Then a majority of the eligible members must give their approval to a plan of coverage which includes social security. Policemen and firemen are still fully exempt from social security coverage and must be excluded therefrom.

A plan for the coordination of the benefits of the Employees Retirement System and the benefits of Title II of the Social Security Act has been presented by the actuary and is now being studied by the members of the Retirement Board. A recommendation relative thereto will be made following the completion of this study.

CONCLUSION

No substantive changes in the underlying plan of operation are recommended. The underlying plan of benefits

as amended during recent years is equitable and well-balanced and is meeting fully and in an effective manner the requirements of the employees and of the State as an employer.

The results of operation as herein recorded, evidence a satisfactory state of affairs. The efforts of the Board will be directed, as in the past, to a further improvement of the system to the end that it may continue to operate efficiently in fulfillment of its stated objectives.

Respectfully submitted,

RETIREMENT BOARD  
EMPLOYEES RETIREMENT SYSTEM OF THE  
STATE OF RHODE ISLAND

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Chairman

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Secretary

Employees Retirement System of the  
State of Rhode Island

FINANCIAL BALANCE SHEET - JUNE 30, 1954

A S S E T S

Cash		\$ 797,584.53
Investments (par value):		
U. S. Government	\$14,352,500.00	
Federal Land Bank	150,000.00	
State of Rhode Island	1,000.00	
Municipalities of Rhode Island	1,010,000.00	
Municipalities of Canada	20,000.00	
Industrial Bonds	195,000.00	
Bank Stocks (at cost)	272,833.15	16,001,333.15
<u>Total Assets</u>		<u>\$16,798,917.68</u>

R E S E R V E S

Reserve for Special Pension Increase		\$ 8,433.00
Annuity Savings Account -		
State Employees	5,566,814.98	
Teachers	3,284,127.45	
Contingency Reserve Account -		
State Employees	5,568,672.38	
Teachers	2,370,869.87	
<u>Total Reserves</u>		<u>\$16,798,917.68</u>

Employees Retirement System of the  
State of Rhode Island

Statement of Cash Receipts and Disbursements  
for the Fiscal Year ended June 30, 1954

Cash Balance July 1, 1953

\$ 938,476.13

Receipts:

State Contributions -

Employees \$ 832,500.00  
Teachers 498,400.00

Cities and Towns Contributions -

Teachers 516,138.00

Member Contributions -

Employees 958,729.90  
Teachers 838,859.51

Contribution - Pension Increases 31,700.00

Income on Investments 394,670.96

Discount on Investments Purchased 36,166.90

Investments (Matures) 33,022.00

Refunds 65.55

Transfer - Special Account 1,248.75

Total Receipts

4,141,501.57

Total Available

5,079,977.70

Disbursements:

Refunds due to resignations -

State employees 222,089.18

Teachers 81,363.18

Pensions Paid -

State Employees 294,743.96

Teachers 788,634.07

Pension Increases 29,804.54

Purchase of Investments 2,865,131.60

Postage & Insurance on Investments 626.64

Total Disbursements

4,282,393.17

Cash Balance June 30, 1954

\$ 797,584.53

Employees Retirement System of the  
State of Rhode Island

Statement of Investments Owned  
June 30, 1954

<u>Description</u>	<u>Par Value</u>
<u>U. S. Government Bonds</u>	
U.S. Treasury, Series G, 2½%, due 8/1/54	\$ 50,000.00
U.S. Treasury, Series G, 2½%, due 11/1/54	50,000.00
U.S. Treasury, Series G, 2½%, due 9/1/55	100,000.00
U.S. Treasury, Series G, 2½%, due 2/1/56	10,000.00
U.S. Treasury, Series G, 2½%, due 9/1/59	100,000.00
U.S. Treasury, Series G, 2½%, due 7/1/60	750,000.00
U.S. Treasury, Series G, 2½%, due 12/1/61	100,000.00
U.S. Treasury, Series G, 2½%, due 2/1/62	100,000.00
U.S. Treasury, Series G, 2½%, due 10/1/62	1,000,000.00
U.S. Treasury, Series G, 2½%, due 1/1/64	100,000.00
U.S. Treasury, 2-3/8%, due 3/15/57-59	30,000.00
U.S. Treasury, 2½%, due 3/15/56-58	30,000.00
U.S. Treasury, 2½%, due 12/15/62	300,000.00
U.S. Treasury, 2-3/4%, due 9/15/59-65	20,000.00
U.S. Treasury, 2-3/4%, due 12/15/60-65	90,000.00
U.S. Treasury, 2½%, due 11/15/61	130,000.00
U.S. Treasury, 2½%, due 12/15/63-68	2,850,000.00
U.S. Treasury, 2½%, due 12/15/64-69	100,000.00
U.S. Treasury, 2½%, due 3/15/65-70	195,000.00
U.S. Treasury, 2½%, due 3/15/66-71	250,000.00
U.S. Treasury, 2½%, due 6/15/67-72	2,850,000.00
U.S. Treasury, 2½%, due 9/15/67-72	97,500.00
U.S. Treasury, 2½%, due 12/15/67-72	400,000.00
U.S. Treasury, 2-3/4%, due 4/1/75-80	3,450,000.00
U.S. Treasury, 3½%, due 6/15/78-83	1,200,000.00
<u>Federal Land Banks</u>	
Bonds due 2/1/55	35,000.00
Bonds due 5/1/56	100,000.00
Bonds due 5/1/59	15,000.00
<u>State of Rhode Island</u>	
State Office Building, 4%, due 6/1/77	1,000.00

(Continued)

Statement of Investments Owned June 30, 1954 - (Continued)

<u>Description</u>	<u>Par Value</u>
<u>Municipalities of Rhode Island</u>	
<u>City of Central Falls</u>	
Funding, 4%, due 4/1/65	\$ 3,000.00
Refunding, 2-3/4%, due 6/1/67	10,000.00
Refunding, 3.90%, due 8/1/71	35,000.00
<u>City of Cranston</u>	
Sewer, 1.80%, due 3/1/76	10,000.00
School, 3.60%, due 7/1/69-76	65,000.00
School, 2.90%, due 11/1/76-78	70,000.00
Sewer, 2%, due 6/1/78	4,000.00
<u>Town of Cumberland</u>	
School, 3 1/2%, due 5/15/77-79	90,000.00
Water, 3 1/2%, due 5/15/77-79	60,000.00
<u>Town of East Providence</u>	
School, 3 1/2%, due 4/1/69	7,000.00
Sewer, 3 1/2%, due 4/1/69	135,000.00
<u>Town of Jamestown</u>	
School, 3%, due 12/1/72-74	30,000.00
<u>Town of Johnston</u>	
School, 2.90%, due 9/1/65-71-74	107,000.00
<u>Town of Lincoln</u>	
School, 2.35%, due 3/1/67	15,000.00
<u>Town of Narragansett</u>	
Beach Development, 3%, due 4/1/59-63	21,000.00
<u>City of Newport</u>	
Sewer, 3.70%, due 7/1/76	15,000.00

(Continued)



Statement of Investments Owned June 30, 1954 - (Continued)

<u>Descriptions</u>	<u>Par Value</u>
<u>Town of North Kingstown</u>	
School, 2-3/4%, due 2/1/65	\$ 15,000.00
<u>Town of North Providence</u>	
Sewer, 3%, due 9/1/67	35,000.00
Funding, 3%, due 7/1/62-72	32,000.00
<u>City of Pawtucket</u>	
Water, 3 1/4%, due 12/1/54	5,000.00
Sewer, 3 1/4%, due 12/1/54	5,000.00
Highway, 3 1/4%, due 12/1/54	7,000.00
Parks, 2 1/4%, due 7/1/60-61	20,000.00
<u>Town of Richmond</u>	
School, 4%, due 4/1/59-62	4,000.00
<u>Town of Smithfield</u>	
School, 2-3/4%, due 6/1/76	25,000.00
<u>City of Warwick</u>	
Water, 4 1/2%, due 10/1/72-73	24,000.00
<u>Town of West Warwick</u>	
School, 2-3/4%, due 11/1/54-58	15,000.00
Sewer, 2 1/4%, due 7/1/58-71	28,000.00
Sewer, 2-3/4%, due 2/1/63	15,000.00
Sewer, 2.70%, due 7/1/78-79	25,000.00
<u>City of Woonsocket</u>	
Water, 4 1/4%, due 6/1/66	5,000.00
School, 4 1/4%, due 4/15/71-77	48,000.00
Sewer, 4 1/4%, due 6/1/72-74	25,000.00
<u>Canada</u>	
Province of Quebec, 3%, due 7/15/57	20,000.00

(Continued)

Statement of Investments Owned June 30, 1954 - (Continued)

<u>Description</u>	<u>Par Value</u>
<u>Public Utilities, Railroad and Industrial</u>	
Appalachian Power Co., 1st Mortgage, 3½%, due 12/1/70	\$ 20,000.00
Atchison, Topeka and Santa Fe, General Mortgage, 4%, due 10/1/95	10,000.00
Central Maine Power Co., General and 1st Mortgage, 3½%, due 10/1/70	18,000.00
Chesapeake and Ohio Railway Co., Mortgage, 3½%, due 8/1/96	9,000.00
Chicago Union Station, 1st Mortgage, Series F, 3-1/8%, due 7/1/63	10,000.00
New York Central Railroad, Equipment Trust, 3-1/8%, due 5/15/63	3,000.00
New York, New Haven and Hartford Railroad, Certificates, 3-3/4%, due 1/1/66	50,000.00
Pennsylvania Railroad Co., General Mortgage, Series A, 4½%, due 6/1/65	12,000.00
Pennsylvania Railroad Co., Equipment Trust, Series K, 2½%, due 7/1/55	20,000.00
Phillip Petroleum Co., Sinking Fund Debentures, 2-3/4%, due 2/1/64	27,000.00
Washington Water Power Company, 1st Mortgage, 3½%, due 6/1/64	16,000.00
<u>Bank Stocks</u>	<u>Cost</u>
480 Shares Bankers Trust	19,150.00
128 Shares Hanover Bank and Trust	9,028.00
400 Shares Chase National Bank	11,237.50
660 Shares Chemical Bank and Trust	21,977.00
45 Shares First National Bank of New York	24,125.00
515 Shares Guaranty Trust Company	25,260.00
2000 Shares Industrial National Bank	84,618.60
2000 Shares Irving Trust Company	21,750.00
200 Shares Manufacturers Trust Company	11,350.00
520 Shares National City Bank of New York	13,315.05
100 Shares New York Trust Company	9,775.00
200 Shares Rhode Island Hospital Trust Co.	21,247.00
Grand Total	<u>\$16,001,333.15</u>

REPORT OF THE ACTUARY  
ON AN  
ACTUARIAL VALUATION OF THE SYSTEM  
AS OF JUNE 30, 1954

REPORT ON AN ACTUARIAL VALUATION OF THE  
ASSETS AND LIABILITIES OF THE EMPLOYEES RETIREMENT SYSTEM  
OF THE STATE OF RHODE ISLAND  
AS OF JUNE 30, 1954

The results of an actuarial valuation of the assets and liabilities of the Employees Retirement System of the State of Rhode Island as of June 30, 1954, are presented herewith.

Basis of Valuation

This valuation is based upon the benefit and contribution provisions of the plan of operation underlying the system as summarized in the appendix.

Statistical Data

Membership statistics are summarized as follows:

	<u>State Employees</u>	
	<u>Male</u>	<u>Female</u>
Number of members	4232	2807
Proportion of total	60.1%	39.9%
Annual salaries	\$13,424,368.00	\$7,509,925.00
Average salary	\$3,172.00	\$2,675.00
Average age (years)	46.9	41.1
Average total service (years)	7.6	6.9

	Teachers	
	Male	Female
Number of members	1225	3520
Proportion of total	25.8%	74.3%
Annual salaries	\$5,064,555.00	\$13,418,206.00
Average salary	\$4,134.00	\$3,812.00
Average age (years)	41.7	49.9
Average total service (years)	12.7	17.1

Beneficiaries

	State Employees			Teachers		
	Num-ber	Annual Payments	Reserve	Num-ber	Annual Payments	Reserve
<u>Retirement Annuities-</u>						
Male	88	\$ 91,068.92	\$ 685,796.00	40	\$ 92,144.58	\$ 870,566.00
Female	67	71,882.55	678,361.00	293	616,467.54	6,832,935.00
<u>Beneficiary Annuities - Option 2</u>						
Male	-	---	---	-	---	---
Female	4	4,353.61	48,590.00	-	---	---
<u>Ordinary Disability -</u>						
Male	7	6,721.75	74,045.00	3	4,695.09	73,028.00
Female	5	2,269.43	32,082.00	21	28,611.08	462,658.00
<u>Accidental Disability -</u>						
Male	1	351.36	3,189.00	-	---	---
Female	2	2,524.44	33,049.00	1	2,666.67	61,973.00
<u>Cash Refund Annuities - Option 1</u>						
Male	30	34,955.02	248,422.00	-	---	---
Female	16	14,868.82	129,654.00	5	11,680.15	131,731.00
<u>Joint and Last Survivor - Option 2</u>						
Male	10	13,297.45	158,829.00	5	8,979.26	80,923.00
Female	1	1,601.16	15,844.00	2	2,740.53	35,301.00

(Continued)

<u>State Employees</u>				<u>Teachers</u>			
	<u>Num- ber</u>	<u>Annual Payments</u>	<u>Reserve</u>		<u>Num- ber</u>	<u>Annual Payments</u>	<u>Reserve</u>
Joint and Last Survivor - Option 3							
Male	4	\$ 6,954.54	\$ 73,257.00	2	\$ 3,559.09	\$ 24,148.00	
Female	-	---	---	1	1,626.67	27,740.00	
Ordinary Disability - Option 1							
Male	1	643.97	8,347.00	-	---	---	---
Female	1	645.41	8,661.00	-	---	---	---
Actuarial Equivalent -							
Male	1	1,349.38	17,491.00	1	1,226.42	22,568.00	
Female	1	2,628.00	40,157.00	-	---	---	---
<u>TOTALS</u>	<u>239</u>	<u>\$256,115.81</u>	<u>\$2,255,774.00</u>	<u>374</u>	<u>\$774,397.08</u>	<u>\$8,623,571.00</u>	

Valuation Balance Sheet

The accompanying valuation balance sheet presents the financial condition of the system from a technical standpoint, taking into account all accrued liabilities for service previous to the date of valuation, and all prospective liabilities covering future membership service.

Total accrued liabilities amounted to and consisted of the following:

	<u>Amount</u>
Present value of annuities and benefits entered upon and in force	\$10,879,345.00
Present value of retirement benefits earned on account of "prior service" -	
State Employees	\$ 2,081,068.00
Teachers	<u>21,398,766.00</u>
	23,479,834.00

(Continued)

Present value of retirement benefits  
accruing for "membership service" -

State Employees	\$ 8,601,640.00	
Teachers	<u>4,834,312.00</u>	<u>13,435,952.00</u>
TOTAL		<u><u>\$47,795,131.00</u></u>

To meet these liabilities the system had net present assets at the close of the fiscal year amounting to \$11,974,058.68. The excess of total liabilities over net assets amounting to \$35,821,072.32, constitutes the accrued unfunded liabilities. This amount constitutes a deferred obligation of the State of Rhode Island and of the cities and towns, to be discharged by future contributions to the system at the prescribed rates, under the applicable method of financing.

Prior Service

The liabilities for service rendered by State employees prior to July 1, 1936, and by the teachers of the cities and towns prior to July 1, 1949 were as follows:

State Employees -

Male	\$1,470,779.00	
Female	<u>610,289.00</u>	\$ 2,081,068.00

Teachers -

Male	3,627,314.00	
Female	<u>17,771,452.00</u>	<u>21,398,766.00</u>

TOTAL \$23,479,834.00

These liabilities represent prior service credits granted to the employees and teachers in accordance with the provisions of law. They represent the proportionate amount of annuity credits earned by the members concerned during their respective periods of prior service.

Accrued Membership Service

The accrued liabilities for membership service representing credits earned by the members towards their retirement allowances during service rendered after July 1, 1936, in the case of the State employees and after July 1, 1949, in the case of the teacher-members, to the date of valuation, were as follows:

State Employees -

Male	\$5,911,535.00	
Female	<u>2,690,105.00</u>	\$ 8,601,640.00

Teachers -

Male	\$1,109,154.00	
Female	<u>3,725,158.00</u>	<u>4,834,312.00</u>

Total		<u>\$13,435,952.00</u>
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The liability for accrued membership service credits has been discharged partially by contributions made by the members during the period covered by these credits. The employer's share of the cost for such service will be discharged by future contributions.



The liabilities on account of pension credit for service subsequent to the date of valuation are as follows:

State Employees -

Male	\$ 6,966,558.00	
Female	<u>3,543,577.00</u>	\$10,510,135.00

Teachers -

Male	\$ 3,888,730.00	
Female	<u>8,902,475.00</u>	<u>12,791,205.00</u>

Total		<u>\$23,301,340.00</u>
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The liability for future membership service is to be met by future contributions on the part of both the members and the employers.

Ordinary Death Benefit

This benefit constitutes group life insurance. The amount of insurance coverage for State Employees and teachers is as follows:

State Employees -

Male	\$ 9,970,700.00	
Female	<u>5,638,300.00</u>	\$15,609,000.00

Teachers -

Male	\$ 3,105,100.00	
Female	<u>11,087,500.00</u>	<u>14,192,600.00</u>

Total		<u>\$29,801,600.00</u>
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The amount of insurance for State employees was increased considerably by the 1954 amendments to the retirement Act. Effect to this change, which became operative on July 1, 1954, will be given in the next annual valuation.

### Other Benefits

The accidental death and disability benefit claims incurred by the system are below the normal expectancy in a group of workers of the size represented in the system. The number of ordinary disability claims incurred during the year was likewise below the expected rate for the number of persons subject to this risk.

### Conclusion

The system is continuing to make progress in operations and is constantly improving its position. An upward revision in the employer's contribution rate for both State employees and teachers may be required upon termination of the ten-year period for which the present rates were established, in view of the several liberalizing changes in the plan of operations which have been made during recent years. The new rates will be determined at such time and a recommendation for a change will be made accordingly.

Respectfully submitted,

A. A. Weinberg  
Actuary

VALUATION BALANCE SHEET - JUNE 30, 1954

A S S E T S

PRESENT ASSETS

Net present assets	\$16,798,917.68	
Less, releases of member contributions on account of refunds and death benefits	<u>4,824,859.00</u>	\$11,974,058.68

DEFERRED ASSETS

Obligations of the participants and the employer for retirement and disability annuities covering service of members for the remainder of their active working lifetime subsequent to June 30, 1954 -

State Employees -		
Members	\$ 4,398,116.00	
State	<u>6,112,020.00</u>	10,510,136.00
Teachers -		
Members	\$ 4,329,018.00	
State	4,231,093.00	
Cities and Towns	<u>4,231,093.00</u>	12,791,204.00

DEFERRED OBLIGATION OF  
THE STATE OF RHODE ISLAND

Accrued Unfunded Liability - Present value of annuities and benefits in force, and accrued liabilities for retirement an- nuities and disability annuities on account of service prior to July 1, 1954		<u>35,821,072.32</u>
Total Assets		<u>\$71,096,471.00</u>

VALUATION BALANCE SHEET - JUNE 30, 1954

L I A B I L I T I E S

ACCRUED LIABILITIES

Reserve requirements  
for annuities and  
benefits in force -

State Employees  
Teachers

\$ 2,255,774.00  
8,623,571.00

\$10,879,345.00

Present Value of accrued  
requirements for retire-  
ment annuities, disability  
annuities and death benefits,  
at June 30, 1954 -

State Employees -

Male  
Female

\$ 7,382,314.00  
3,300,394.00

10,682,708.00

Teachers -

Male  
Female

\$ 4,736,468.00  
21,496,610.00

26,233,078.00

PROSPECTIVE LIABILITIES

Present Value of retirement  
annuities and disability  
annuities on account of  
service to be rendered  
after June 30, 1954 -

State Employees  
Teachers

\$10,510,136.00  
12,791,204.00

23,301,340.00

Total Liabilities

\$71,096,471.00

A P P E N D I X

Summary of Benefit and Contribution  
Provisions in Force

Statistical Tables

Employees Retirement System of the  
State of Rhode Island

SUMMARY OF BENEFIT AND CONTRIBUTION PROVISIONS

In force June 30, 1954

B E N E F I T S

1. Service retirement allowance

Retirement is optional with a member upon attainment of the age of 60 years, provided he has at least 10 years of credited service. Any member completing 30 years of service may retire under age 60 on a reduced allowance which is the actuarial equivalent of the amount payable at age 60.

In the case of a member withdrawing from service prior to the attainment of age 60, the right to a retirement benefit vests in the member if his service credit is 10 years or more. The retirement allowance will become available to the member upon attainment of age 60, provided he has not taken a refund of his contributions.

Retirement of a member is compulsory on the first day of the calendar month next following that in which he attained age 70, unless the member requests permission to continue in service, in which case the retirement board may permit his continuation in service beyond such age for periods of one year.

The service retirement allowance is equal to 1-2/3% of average compensation,<sup>1/</sup> multiplied by the number of years of total service, not to exceed 45 years, subject to a maximum of 75% of the rate of compensation at date of retirement.

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<sup>1/</sup> Average compensation means the average annual compensation earnable by a member during the five consecutive years within his total service when such average was the highest.

## 2. Reversionary annuity

A member, upon retirement, has the option of receiving a lesser amount of service retirement allowance for himself in order to provide, on an actuarial equivalent basis, an annuity for a designated beneficiary to become payable upon his death, under certain prescribed optional privileges.

## 3. Non-occupational disability benefit

This benefit is available to any member having at least 10 years of credited service. The benefit is equal to 90% of the amount of the service retirement allowance covering the period of total credited service of the member.

A member qualifying for this benefit but not having completed 15 years of service, is entitled to receive the benefit prescribed for 15 years of service. If the member first entered service after the age of 45 years, his benefit is limited to 90% of the rate of service retirement allowance for which he would qualify if he remained in service until the age of 60 years and retired at such age.

## 4. Occupational disability benefit

A member becoming disabled as the direct result of the performance of duty, is entitled to a benefit equal to  $66\frac{2}{3}\%$  of his rate of compensation at the date of becoming eligible for this benefit.

## 5. Non-occupational death benefit

Upon death of a member while in service, from any cause other than occupational disability, his designated beneficiary or the estate of the member is entitled to receive a refund of his accumulated contributions, without interest, together with an amount provided from State contributions equal to \$200.00

for each year of total service of the member. The payment from State contributions is subject to a minimum amount of \$500.00 and a maximum of \$5,000.00.

If the period of service of the member has been less than one year, the minimum benefit of \$500.00 is reduced by the difference between the amount of accumulated contributions that the member would have had at the end of one year of service had he continued to render service, and the amount of accumulated contributions actually credited at the date of death.

Members of the General Assembly may continue coverage under this benefit after withdrawal from the General Assembly by making an annual contribution of \$15.00.

#### 6. Occupational death benefit

Upon death of a member due to occupational causes, his accumulated contributions, including interest, are payable to such person having an insurable interest in his life as the member shall have designated, or if no such designation shall have been made or if the beneficiary is not alive, payment is to be made to the estate of the member.

In addition to the above payment, the surviving widow is entitled to a benefit equal to 50% of the member's salary at date of death. If no widow survives, or upon death of the widow, or if the widow remarries before any child of the member has attained age 18, the 50% benefit is payable to the surviving child or children, until their attainment of age 18, or prior death. If there be no widow or child or minor children, the benefit is payable to a dependent father or mother for life.

#### 7. Death benefit after retirement

Upon death of a retired member who did not elect any of the optional provisions of the Act, his beneficiary is entitled to a refund of the excess, if any, of the total member contributions at date of retirement, without interest, over



the total retirement benefits paid to him. The minimum payment in such a case is an amount equal to five monthly installments of the retirement allowance, or the sum of \$300.00, whichever is the greater.

### 8. Refunds

A member, upon withdrawal from the State service, may receive a refund of his contributions to the System equal to the full amount of his contributions, plus interest on the amounts contributed by the member prior to July 1, 1947. No interest is payable on refunds representing amounts contributed by a member after July 1, 1947.

## C O N T R I B U T I O N S

### By members

Members of the system are required to contribute at the rate of 5% of salary, which rate is uniform for all employees, both male and female.

### By the State of Rhode Island

The State of Rhode Island is obligated to make regular contributions to meet the cost of the various benefits after applying the amounts contributed by the members. These contributions are made by means of regular annual appropriations.

The contributions by the State for any fiscal year are to consist of an amount equal to the computed average annual expenditures for the various purposes of the system, for the period of ten years next succeeding the fiscal year in question, after applying against these expenditures the amounts to be contributed by the members. A uniform rate is to be maintained under this method of determination for a period of ten years subsequent to July 1, 1947.

## EXTENSION TO SCHOOL TEACHERS - MODIFICATIONS

Effective July 1, 1949, the system was extended to include teachers of the State schools and teachers of the several cities and towns of the State of Rhode Island.

All provisions of the system relating to State employees apply with equal force to such teachers. Prior service credit is extended to teachers covering the period prior to July 1, 1949.

Ca. Contributions for leaves of absence during any year may be made for the purpose of receiving pension credit under stated conditions.

Credit for teaching service in any of the public schools of the United States, outside of this State, and in any private school or institution not operated for profit is allowed, not exceeding a total of 10 years, upon payment of certain contributions. Such credit is available, however, only if the outside service was rendered more than 10 years before retirement.

The minimum service retirement allowance in the case of a teacher having rendered at least 35 years of service is \$1,000.00 per year. This minimum was increased in 1952 under a formula which provided an additional amount of not less than \$200.00 per year.

Any teacher having at least 20 years of credited service is assured of a minimum ordinary disability allowance (non-occupational) of \$800.00 per year. This amount was increased in 1952 under a formula which provided an additional payment of not less than \$200.00 per year.

All teachers are required to make contributions at a uniform rate of 5% of salary, regardless of age or sex. The cities and towns share with the State, on an equal basis, the remainder of the cost of financing the benefits payable to teachers of the cities and towns, after applying the amounts contributed by the teachers.

Employees Retirement System of the  
State of Rhode Island

TABLE 1

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
AT VARIOUS AGES AS OF JUNE 30, 1954

STATE EMPLOYEES - MALE

<u>Age</u>	<u>Number</u>	<u>Annual Salaries</u>	<u>Age</u>	<u>Number</u>	<u>Annual Salaries</u>
16	1	\$ 2,100.00	50	115	\$ 430,905.00
17	6	11,853.00	51	117	411,603.00
18	17	32,979.00	52	108	343,361.00
19	22	45,851.00	53	101	351,267.00
			54	132	432,859.00
20	25	53,554.00			
21	29	59,666.00	55	100	334,343.00
22	27	55,539.00	56	124	393,356.00
23	34	75,280.00	57	108	315,641.00
24	48	109,617.00	58	112	334,305.00
			59	109	332,809.00
25	46	110,334.00			
26	50	136,448.00	60	130	399,189.00
27	64	166,708.00	61	104	350,364.00
28	64	183,881.00	62	88	284,514.00
29	77	223,102.00	63	71	223,192.00
			64	55	200,009.00
30	84	248,924.00			
31	59	182,083.00	65	46	140,823.00
32	66	190,948.00	66	43	137,948.00
33	69	219,103.00	67	30	102,130.00
34	89	271,687.00	68	29	109,245.00
			69	25	62,523.00
35	78	241,541.00			
36	75	243,410.00	70	33	100,959.00
37	76	245,602.00	71	15	35,562.00
38	82	257,244.00	72	21	67,539.00
39	80	255,429.00	73	20	63,958.00
			74	17	52,679.00
40	79	277,001.00			
41	88	290,746.00	75	14	47,922.00
42	104	358,067.00	76	13	38,321.00
43	108	363,174.00	77	5	16,730.00
44	98	336,082.00	78	5	24,942.00
			79	3	4,667.00
45	96	309,668.00			
46	121	413,499.00	80	3	7,164.00
47	115	416,037.00	81	1	2,442.00
48	127	436,322.00	88	1	300.00
49	129	447,018.00	92	1	300.00
				<u>1</u>	<u>300.00</u>
			<b>TOTALS</b>	<b>4232</b>	<b>\$13,424,368.00</b>

Employees Retirement System of the  
State of Rhode Island

TABLE 2

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
AT VARIOUS AGES AS OF JUNE 30, 1954

STATE EMPLOYEES - FEMALE

<u>Age</u>	<u>Number</u>	<u>Annual Salaries</u>	<u>Age</u>	<u>Number</u>	<u>Annual Salaries</u>
16	1	\$ 1,860.00	50	57	\$ 164,223.00
17	4	7,800.00	51	56	150,968.00
18	28	53,403.00	52	80	240,120.00
19	46	93,380.00	53	52	141,139.00
			54	68	197,505.00
20	63	131,160.00			
21	66	134,780.00	55	53	145,531.00
22	77	167,850.00	56	60	171,531.00
23	90	207,020.00	57	51	130,034.00
24	83	196,064.00	58	50	134,767.00
			59	59	150,293.00
25	72	172,200.00			
26	70	171,701.00	60	47	131,621.00
27	65	164,860.00	61	42	117,525.00
28	59	153,085.00	62	46	119,424.00
29	47	126,815.00	63	31	88,863.00
			64	23	73,630.00
30	50	129,334.00			
31	43	117,992.00	65	17	52,758.00
32	55	146,997.00	66	24	72,124.00
33	55	143,763.00	67	21	55,177.00
34	60	151,075.00	68	17	45,224.00
			69	18	49,252.00
35	46	125,115.00			
36	58	161,484.00	70	17	20,587.00
37	60	167,264.00	71	10	39,742.00
38	61	167,728.00	72	7	20,898.00
39	60	173,934.00	73	7	18,391.00
			74	6	19,118.00
40	50	138,662.00			
41	62	187,201.00	75	2	4,610.00
42	51	150,229.00	76	2	4,346.00
43	57	173,004.00	79	1	2,442.00
44	59	163,171.00			
			<b>TOTALS</b>	<b>2807</b>	<b>\$7,509,925.00</b>
45	53	153,542.00			
46	60	174,819.00			
47	58	162,605.00			
48	70	213,125.00			
49	54	165,060.00			

Employees Retirement System of the  
State of Rhode Island

TABLE 3

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
AT VARIOUS AGES AS OF JUNE 30, 1954

TEACHERS - MALE

<u>Age</u>	<u>Number</u>	<u>Annual Salaries</u>	<u>Age</u>	<u>Number</u>	<u>Annual Salaries</u>
22	2	\$ 4,800.00			
23	1	2,400.00	55	18	\$ 93,925.00
24	10	24,250.00	56	13	66,474.00
			57	26	147,377.00
25	20	54,075.00	58	20	111,060.00
26	29	74,894.00	59	17	75,671.00
27	25	71,560.00			
28	44	120,971.00	60	11	60,100.00
29	50	148,246.00	61	11	51,997.00
			62	8	44,775.00
30	49	145,710.00	63	4	18,700.00
31	41	127,115.00	64	7	38,350.00
32	37	118,638.00			
33	45	147,465.00	65	5	27,525.00
34	42	157,645.00	66	6	29,100.00
			67	6	52,850.00
35	40	144,754.00	68	8	44,425.00
36	35	132,214.00	69	3	14,600.00
37	28	114,157.00			
38	20	79,645.00	70	3	15,850.00
39	35	143,400.00	72	1	4,200.00
				<u>1</u>	<u>4,200.00</u>
40	37	154,355.00	<b>TOTALS</b>	<b>1225</b>	<b>\$5,064,555.00</b>
41	30	134,700.00		<u><u>1225</u></u>	<u><u>\$5,064,555.00</u></u>
42	44	195,173.00			
43	44	202,052.00			
44	42	188,598.00			
45	35	155,700.00			
46	34	160,205.00			
47	36	161,225.00			
48	33	163,225.00			
49	23	108,399.00			
50	37	191,759.00			
51	31	155,552.00			
52	34	161,303.00			
53	24	116,344.00			
54	21	107,047.00			

Employees Retirement System of the  
State of Rhode Island

TABLE 4

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
AT VARIOUS AGES AS OF JUNE 30, 1954

TEACHERS - FEMALE

<u>Age</u>	<u>Number</u>	<u>Annual Salaries</u>	<u>Age</u>	<u>Number</u>	<u>Annual Salaries</u>
	1	\$ 1,980.00	55	81	\$ 346,335.00
20	1	1,900.00	56	79	338,047.00
21	41	96,165.00	57	86	364,453.00
22	113	259,220.00	58	90	393,003.00
23	111	278,473.00	59	83	359,297.00
24					
	82	219,543.00	60	69	309,986.00
25	98	274,673.00	61	62	276,833.00
26	82	245,394.00	62	45	204,472.00
27	63	193,232.00	63	60	269,676.00
28	47	141,430.00	64	52	240,703.00
29					
	37	123,022.00	65	31	142,625.00
30	35	121,005.00	66	34	156,573.00
31	40	132,287.00	67	30	136,401.00
32	47	156,091.00	68	22	92,114.00
33	46	157,525.00	69	18	79,760.00
34					
	36	125,123.00	70	5	24,874.00
35	61	211,912.00	71	2	9,900.00
36	75	270,900.00	72	1	4,100.00
37	48	174,461.00	74	1	4,000.00
38	56	212,440.00			
39					
	63	236,465.00			
40	75	294,903.00			
41	69	253,915.00			
42	91	355,950.00			
43	112	431,489.00			
44					
	131	531,137.00			
45	112	455,984.00			
46	155	613,374.00			
47	123	511,586.00			
48	122	493,182.00			
49					
	116	478,510.00			
50	104	442,548.00			
51	114	480,652.00			
52	71	313,751.00			
53	91	379,832.00			
54					
			<b>TOTALS</b>	<b>3520</b>	<b>\$13,418,206.00</b>

Employees Retirement System of the  
State of Rhode Island

TABLE 5

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
CLASSIFIED BY YEARS OF SERVICE

STATE EMPLOYEES - MALE

<u>Years of Service</u>	<u>Number</u>	<u>Annual Salaries</u>	<u>Years of Service</u>	<u>Number</u>	<u>Annual Salaries</u>
0	335	\$ 843,614.00	30	7	\$ 25,411.00
1	550	1,517,228.00	31	12	54,582.00
2	390	1,015,921.00	32	4	16,586.00
3	323	885,913.00	33	10	47,119.00
4	248	724,356.00	34	8	39,063.00
5	305	899,979.00	35	10	47,547.00
6	212	652,523.00	36	6	28,281.00
7	315	1,124,725.00	37	4	16,949.00
8	166	532,337.00	38	4	14,586.00
9	87	294,832.00	40	6	19,143.00
10	116	358,577.00	41	3	17,576.00
11	121	396,421.00	43	1	4,554.00
12	185	596,318.00	44	2	11,022.00
13	128	464,032.00	46	5	22,691.00
14	153	547,160.00	47	1	6,270.00
15	119	455,772.00	49	1	10,692.00
16	44	155,321.00	50	1	6,292.00
17	45	228,460.00	51	1	3,102.00
18	53	217,997.00			
19	51	256,614.00			
			<b>TOTALS</b>	<b>4232</b>	<b>\$13,424,368.00</b>
20	22	88,215.00			
21	27	144,557.00			
22	23	86,557.00			
23	17	73,420.00			
24	29	121,048.00			
25	20	88,351.00			
26	13	46,408.00			
27	15	64,731.00			
28	23	99,821.00			
29	11	51,694.00			

Employees Retirement System of the  
State of Rhode Island

TABLE 6

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
CLASSIFIED BY YEARS OF SERVICE

STATE EMPLOYEES - FEMALE

<u>Years of Service</u>	<u>Number</u>	<u>Annual Salaries</u>	<u>Years of Service</u>	<u>Number</u>	<u>Annual Salaries</u>
0	206	\$ 442,383.00	30	7	\$ 20,862.00
1	366	831,048.00	31	1	2,706.00
2	268	622,755.00	32	6	24,693.00
3	283	698,482.00	33	3	9,867.00
4	137	348,051.00	34	4	12,655.00
5	274	720,091.00	35	3	13,398.00
6	151	406,816.00	36	2	7,293.00
7	181	548,829.00	37	4	11,577.00
8	123	329,662.00	38	4	14,256.00
9	88	260,331.00	39	3	14,379.00
10	81	230,393.00	42	1	2,706.00
11	93	277,518.00	44	1	2,244.00
12	101	305,689.00	48	2	10,626.00
13	79	232,834.00			
14	70	211,868.00	TOTALS	2807	\$7,509,925.00
15	38	119,654.00			
16	28	90,707.00			
17	37	128,169.00			
18	33	112,045.00			
19	26	95,987.00			
20	15	44,874.00			
21	9	33,710.00			
22	6	19,932.00			
23	7	27,936.00			
24	13	51,715.00			
25	11	32,650.00			
26	10	32,302.00			
27	10	32,662.00			
28	13	49,665.00			
29	9	23,905.00			



Employees Retirement System of the  
State of Rhode Island

TABLE 7

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
CLASSIFIED BY YEARS OF SERVICE

TEACHERS - MALE

<u>Years of Service</u>	<u>Number</u>	<u>Annual Salaries</u>	<u>Years of Service</u>	<u>Number</u>	<u>Annual Salaries</u>
0	15	\$ 38,835.00	30	16	\$ 83,799.00
1	72	201,333.00	31	10	52,450.00
2	74	212,602.00	32	6	32,150.00
3	96	290,592.00	33	5	24,225.00
4	122	386,459.00	34	9	59,249.00
5	90	366,125.00	35	2	10,675.00
6	38	134,036.00	36	6	29,600.00
7	24	86,871.00	37	3	17,175.00
8	52	211,472.00	38	1	8,200.00
9	21	93,615.00	39	1	5,375.00
10	17	75,123.00	40	5	31,350.00
11	9	37,550.00	41	1	5,175.00
12	31	134,750.00	42	2	12,425.00
13	26	113,460.00	44	1	6,100.00
14	26	110,050.00	45	2	10,050.00
15	38	171,292.00			
16	38	180,050.00	TOTALS	1225	\$5,064,555.00
17	37	168,480.00			
18	32	150,815.00			
19	45	216,783.00			
20	30	145,816.00			
21	12	56,500.00			
22	15	76,049.00			
23	31	154,024.00			
24	40	208,187.00			
25	31	165,455.00			
26	27	143,075.00			
27	29	147,580.00			
28	19	108,203.00			
29	18	91,375.00			

Employees Retirement System of the  
State of Rhode Island

TABLE 8

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
CLASSIFIED BY YEARS OF SERVICE

TEACHERS - FEMALE

<u>Years of Service</u>	<u>Number</u>	<u>Annual Salaries</u>	<u>Years of Service</u>	<u>Number</u>	<u>Annual Salaries</u>
	68	\$ 176,832.00	30	85	\$ 396,008.00
0	391	1,054,771.00	31	55	255,652.00
1	224	628,375.00	32	52	241,155.00
2	148	431,729.00	33	50	224,809.00
3	121	360,461.00	34	37	169,765.00
4					
5	153	493,056.00	35	58	266,325.00
6	74	236,144.00	36	55	251,883.00
7	53	183,477.00	37	49	234,505.00
8	65	224,675.00	38	53	248,588.00
9	63	239,936.00	39	38	182,041.00
10	53	190,647.00	40	36	168,251.00
11	56	212,258.00	41	41	194,753.00
12	62	233,165.00	42	37	175,950.00
13	73	281,191.00	43	21	103,045.00
14	59	224,417.00	44	23	109,600.00
15	62	239,229.00	45	14	64,571.00
16	56	222,521.00	46	10	46,400.00
17	66	264,940.00	47	9	44,350.00
18	79	330,661.00	48	6	30,540.00
19	73	301,221.00	49	4	21,424.00
20	69	296,303.00	56	1	4,200.00
21	52	220,442.00			
22	51	216,331.00			
23	106	466,655.00	TOTALS	3520	\$13,418,206.00
24	84	363,509.00			
25	80	356,030.00			
26	88	389,507.00			
27	83	373,460.00			
28	92	406,733.00			
29	82	365,715.00			

Employees Retirement System of the  
State of Rhode Island

TABLE 9

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
CLASSIFIED BY YEARS OF MEMBERSHIP SERVICE

STATE EMPLOYEES

<u>Years of Membership Service</u>	<u>MALE</u>		<u>FEMALE</u>	
	<u>Number</u>	<u>Annual Salaries</u>	<u>Number</u>	<u>Annual Salaries</u>
0	335	\$ 843,614.00	207	\$ 446,343.00
1	551	1,522,706.00	366	831,048.00
2	420	1,085,014.00	287	667,535.00
3	327	905,893.00	284	703,772.00
4	248	723,246.00	139	352,771.00
5	311	937,907.00	277	731,739.00
6	200	612,793.00	136	377,866.00
7	388	1,276,561.00	193	586,315.00
8	161	530,702.00	122	327,552.00
9	89	299,672.00	88	264,349.00
10	110	367,174.00	82	238,061.00
11	125	426,265.00	88	262,570.00
12	180	604,876.00	100	300,128.00
13	131	473,140.00	81	238,446.00
14	156	603,515.00	75	229,358.00
15	124	480,085.00	43	139,079.00
16	28	116,733.00	21	66,798.00
17	61	288,375.00	47	172,974.00
18	287	1,326,097.00	171	573,221.00
<b>TOTALS</b>	<b>4232</b>	<b>\$13,424,368.00</b>	<b>2807</b>	<b>\$7,509,925.00</b>

Employees Retirement System of the  
State of Rhode Island

TABLE 10

SHOWING NUMBER OF MEMBERS AND ANNUAL SALARIES  
CLASSIFIED BY YEARS OF MEMBERSHIP SERVICE

TEACHERS

<u>Years of Membership Service</u>	<u>MALE</u>		<u>FEMALE</u>	
	<u>Number</u>	<u>Annual Salaries</u>	<u>Number</u>	<u>Annual Salaries</u>
0	15	\$ 38,835.00	68	\$ 176,832.00
1	73	203,833.00	391	1,054,771.00
2	73	210,102.00	225	630,774.00
3	96	290,592.00	148	431,729.00
4	122	386,459.00	120	358,062.00
5	846	3,934,734.00	2567	10,761,638.00
7	--	-----	1	4,400.00
<b>TOTALS</b>	<b>1225</b>	<b>\$5,064,555.00</b>	<b>3520</b>	<b>\$13,418,206.00</b>



Employees Retirement System of the  
State of Rhode Island

TABLE 12

MEMBERS CLASSIFIED BY YEARS OF PRIOR SERVICE

TEACHERS

Age	MALE		FEMALE		Age	MALE		FEMALE	
	Number	Total Prior Service	Number	Total Prior Service		Number	Total Prior Service	Number	Total Prior Service
25	1	1	-	-	55	18	337	73	1592
26	-	-	1	1	56	12	214	67	1535
27	-	-	19	21	57	26	560	76	2015
28	2	2	35	44	58	18	396	86	2338
29	2	2	27	52	59	16	259	73	1971
30	7	10	26	76	60	11	219	66	1851
31	10	20	23	92	61	10	198	60	1734
32	9	22	26	122	62	8	173	45	1468
33	19	46	31	156	63	4	90	58	1735
34	18	60	33	191	64	7	172	52	1674
35	24	105	28	182	65	5	136	30	979
36	18	103	39	314	66	6	146	34	1128
37	15	86	52	453	67	5	152	30	1044
38	15	113	33	307	68	8	227	21	674
39	26	188	41	401	69	3	99	18	612
40	28	248	43	478	70	3	106	5	199
41	26	264	58	701	71	-	--	2	43
42	39	375	41	524	72	1	5	1	6
43	36	434	65	857	74	-	--	1	11
44	34	405	78	1129					
					TOTALS	760	10,481	2424	46,366
45	29	389	109	1661					
46	26	402	88	1448					
47	28	402	114	2014					
48	30	492	95	1859					
49	20	336	95	1698					
50									
51	36	627	96	2030					
52	28	513	92	1881					
53	31	576	93	1884					
54	22	393	64	1398					
	20	378	81	1783					

Employees Retirement System of the  
State of Rhode Island

TABLE 13

RETIREMENT ANNUITIES IN FORCE ON JUNE 30, 1954  
CLASSIFIED BY AGES AND AMOUNTS OF ANNUAL PAYMENTS

STATE EMPLOYEES

<u>Age</u>	<u>MALE</u>		<u>FEMALE</u>	
	<u>Number</u>	<u>Annual Annuities</u>	<u>Number</u>	<u>Annual Annuities</u>
45	1	\$ 1,110.84	--	\$ --
54	-	--	1	626.78
60	1	834.33	-	--
61	1	930.20	2	1,964.28
62	5	6,551.23	5	5,915.66
63	1	3,477.97	1	2,065.80
64	-	--	3	2,164.53
65	1	1,181.71	2	3,338.84
66	5	5,457.44	3	3,555.86
67	5	8,132.38	1	807.00
68	4	2,689.45	4	2,832.34
69	3	3,403.76	2	1,227.71
70	3	3,795.54	4	2,654.85
71	4	4,798.77	3	3,254.93
72	7	5,975.98	6	9,459.63
73	3	1,482.54	6	7,605.25
74	1	495.96	4	1,877.03
75	2	1,622.71	2	3,141.10
76	7	5,901.49	1	283.92
77	6	4,446.17	-	--
78	5	3,540.46	5	7,632.66
79	5	5,175.71	3	4,229.26
80	4	7,059.36	5	4,719.84
81	4	2,036.27	2	830.76
82	2	3,262.92	-	--
83	-	--	2	1,694.52
84	3	2,625.12	-	--
86	2	2,779.80	-	--
89	2	660.17	-	--
91	1	1,640.64	-	--
<b>TOTALS</b>	<b>88</b>	<b>\$91,068.92</b>	<b>67</b>	<b>\$71,882.55</b>

Employees Retirement System of the  
State of Rhode Island

TABLE 14

BENEFICIARY AND DISABILITY ANNUITIES  
CLASSIFIED BY AGES AND AMOUNTS OF ANNUAL PAYMENTS

STATE EMPLOYEES

	Age	MALE		FEMALE	
		Number	Annual Annuities	Number	Annual Annuities
Beneficiary Annuity Option 2	61	-	--	1	\$1,515.36
	69	-	--	1	774.00
	71	-	--	2	2,064.25
	TOTALS			4	\$4,353.61
Ordinary Disability	55	-	--	1	\$ 992.39
	56	-	--	1	362.52
	58	1	\$ 400.80	-	--
	59	2	3,164.31	-	--
	61	1	654.00	-	--
	63	1	759.28	1	154.80
	67	-	--	1	460.20
	74	-	--	1	299.52
	75	2	1,743.36	-	--
	TOTALS	7	\$6,721.75	5	\$2,269.43
Accidental disability	55	-	\$ --	1	\$ 876.00
	67	-	--	1	1,648.44
	68	1	351.36	-	--
	TOTALS	1	\$351.36	2	\$2,524.44



Employees Retirement System of the  
State of Rhode Island

TABLE 15

RETIREMENT ANNUITIES PAYABLE UNDER OPTIONS  
CLASSIFIED BY AGES AND AMOUNTS OF ANNUAL PAYMENTS

STATE EMPLOYEES

Cash Refund Annuity - Option 1

<u>Age</u>	<u>MALE</u>		<u>FEMALE</u>	
	<u>Number</u>	<u>Annual Annuities</u>	<u>Number</u>	<u>Annual Annuities</u>
63	-	\$ --	1	\$ 1,172.73
64	1	2,720.33	1	455.09
65	1	2,083.17	-	--
66	1	1,308.56	-	--
68	2	1,408.52	-	--
69	1	257.19	1	452.74
71	1	460.02	2	1,421.67
72	1	2,720.22	3	3,684.56
73	6	5,255.74	3	1,247.42
74	3	2,296.24	1	1,477.59
75	2	1,652.11	1	1,375.69
76	4	6,923.69	-	--
77	2	2,248.28	1	1,029.85
79	-	--	1	1,454.24
80	2	3,608.58	-	--
81	-	--	1	1,097.24
82	2	916.47	-	--
83	1	1,095.90	-	--
TOTALS	30	\$34,955.02	16	\$14,868.82

Employees Retirement System of the  
State of Rhode Island

TABLE 16

RETIREMENT ANNUITIES PAYABLE UNDER OPTIONS  
CLASSIFIED BY AGES AND AMOUNTS OF ANNUAL PAYMENTS

STATE EMPLOYEES

	<u>MALE</u>			<u>FEMALE</u>		
	<u>Ages of Member and Beneficiary</u>	<u>Number</u>	<u>Annual Annuities</u>	<u>Age</u>	<u>Number</u>	<u>Annual Annuities</u>
Joint and Last Survivor Annuity Option 2	65/58	1	\$ 1,551.76	70	1	\$1,601.16
	66/65	1	1,831.59			
	67/68	1	3,628.18			
	68/47	1	573.36			
	70/69	1	218.18			
	73/66	1	1,120.66			
	73/74	1	269.80			
	76/83	1	898.93			
	77/74	1	1,417.83			
	81/84	<u>1</u>	<u>1,787.16</u>			
TOTALS	10	\$13,297.45		1	\$1,601.16	
	<u>==</u>	<u>=====</u>		<u>==</u>	<u>=====</u>	
Joint and Last Survivor Annuity Option 3	63/61	1	\$2,171.62			
	72/67	1	558.34			
	74/72	1	22,467.34			
	77/65	<u>1</u>	<u>1,757.24</u>			
	TOTALS	4	\$6,954.54		None	
	<u>==</u>	<u>=====</u>				
Ordinary Disability Annuity Option 1	59	1	\$643.97	62	1	\$645.41
	59	1	\$1,349.38	58	1	\$2,628.00

Employees Retirement System of the  
State of Rhode Island

TABLE 17

RETIREMENT ANNUITIES IN FORCE ON JUNE 30, 1954  
CLASSIFIED BY AGES AND AMOUNTS OF ANNUAL PAYMENTS

TEACHERS

Age	MALE		FEMALE	
	Number	Annual Annuities	Number	Annual Annuities
57	-	\$ --	1	\$ 1,214.88
59	-	--	1	1,323.71
60	-	--	1	2,406.12
61	2	6,412.53	5	10,212.65
62	3	7,410.53	8	18,475.99
63	3	6,713.16	11	29,202.63
64	3	3,846.81	12	25,796.29
65	2	4,275.06	15	33,724.00
66	2	4,570.04	14	3,2469.25
67	3	5,510.39	18	38,580.41
68	2	5,028.45	19	42,101.69
69	1	2,053.33	11	26,443.91
70	3	6,323.84	15	34,913.44
71	2	6,206.54	30	72,391.87
72	2	4,239.63	27	66,705.96
73	1	1,850.40	23	45,719.48
74	3	5,498.88	27	49,283.32
75	3	5,607.28	22	34,046.55
76	4	14,139.87	15	23,869.15
77	-	--	6	8,109.77
78	-	--	2	2,665.76
79	-	--	2	3,335.88
80	-	--	2	3,392.56
82	1	2,457.84	2	3,180.30
83	-	--	2	3,346.06
84	-	--	2	3,555.91
TOTALS	40	\$92,144.58	293	\$616,467.54

Employees Retirement System of the  
State of Rhode Island

TABLE 18

DISABILITY AND CASH REFUND ANNUITIES  
CLASSIFIED BY AGES AND AMOUNTS OF ANNUAL PAYMENTS

TEACHERS

	Age	MALE		FEMALE	
		Number	Annual Annuities	Number	Annual Annuities
Ordinary Disability	46	-	\$ --	1	\$ 1,406.28
	47	-	--	1	1,017.41
	50	-	--	1	1,229.40
	51	1	1,399.54	2	2,017.07
	55	2	3,295.55	1	1,661.09
	56	-	--	2	2,692.35
	58	-	--	3	4,385.85
	59	-	--	2	3,567.94
	60	-	--	1	1,410.83
	61	-	--	3	4,227.18
	62	-	--	3	3,791.56
	64	-	--	1	1,204.12
	TOTALS	3	\$4,695.09	21	\$28,611.08
Accidental Disability	39	None		1	\$2,666.67
Cash Refund Annuity Option 1	64			1	\$ 2,199.73
	65			1	2,006.10
	71			1	1,562.67
	72			1	3,227.49
	73			1	2,684.16
	TOTALS	None		5	\$11,680.15

Employees Retirement System of the  
State of Rhode Island

TABLE 19

RETIREMENT ANNUITIES PAYABLE UNDER OPTIONS  
CLASSIFIED BY AGES AND AMOUNTS OF ANNUAL PAYMENTS

TEACHERS

	<u>Ages of Member and Beneficiary</u>	<u>MALE</u>		<u>FEMALE</u>	
		<u>Number</u>	<u>Annual Annuities</u>	<u>Number</u>	<u>Annual Annuities</u>
Joint and Last Survivor Annuity Option 2	62/56	1	\$1,559.60	-	\$ --
	64/37m	-	--	1	899.19
	65/62	1	1,527.27	-	--
	68/78	1	1,853.65	-	--
	70/67	1	2,063.21	-	--
	71/71	1	1,975.53	-	--
	72/68f	-	--	1	<u>1,841.34</u>
	<b>TOTALS</b>	<b>5</b>	<b>\$8,979.26</b>	<b>2</b>	<b>\$2,740.53</b>
		<b>=</b>	<b>=====</b>	<b>=</b>	<b>=====</b>
Joint and Last Survivor Annuity Option 3	63/65f	-	\$ --	1	\$1,626.67
	75/65	1	1,415.74	-	--
	76/66	1	<u>2,143.35</u>	-	--
		<b>TOTALS</b>	<b>2</b>	<b>\$3,559.09</b>	<b>1</b>
		<b>=</b>	<b>=====</b>	<b>=</b>	<b>=====</b>
Actuarial Equivalent Annuity	58/59	1	\$1,226.42		None

**Employees Retirement System of the  
State of Rhode Island**

**TABLE 20**

**DEDUCED SALARY SCALE BASED UPON  
AVERAGE ANNUAL SALARIES**

**STATE EMPLOYEES - MALE**

<u>Age</u>	<u>Average Annual Salary</u>	<u>Adjusted Average Salary</u>	<u>Age</u>	<u>Average Annual Salary</u>	<u>Adjusted Average Salary</u>
16	\$2,100.00	\$1,930.00	45	\$3,226.00	\$3,399.00
17	1,976.00	1,976.00	46	3,417.00	3,417.00
18	1,940.00	2,015.00	47	3,618.00	3,425.00
19	2,084.00	2,060.00	48	3,436.00	3,433.00
			49	3,465.00	3,442.00
20	2,142.00	2,142.00			
21	2,057.00	2,150.00	50	3,747.00	3,451.00
22	2,057.00	2,195.00	51	3,518.00	3,460.00
23	2,214.00	2,238.00	52	3,179.00	3,469.00
24	2,284.00	2,264.00	53	3,478.00	3,478.00
			54	3,279.00	3,492.00
25	2,399.00	2,507.00			
26	2,729.00	2,729.00	55	3,343.00	3,506.00
27	2,605.00	2,801.00	56	3,172.00	3,520.00
28	2,873.00	2,873.00	57	2,923.00	3,534.00
29	2,897.00	2,944.00	58	2,985.00	3,548.00
			59	3,053.00	3,562.00
30	2,963.00	3,015.00			
31	3,086.00	3,086.00	60	3,071.00	3,577.00
32	2,893.00	3,111.00	61	3,469.00	3,592.00
33	3,175.00	3,136.00	62	3,233.00	3,607.00
34	3,053.00	3,160.00	63	3,144.00	3,622.00
			64	3,637.00	3,637.00
35	3,097.00	3,184.00			
36	3,245.00	3,208.00	65	3,061.00	3,652.00
37	3,232.00	3,232.00			
38	3,137.00	3,253.00			
39	3,193.00	3,275.00			
40	3,506.00	3,297.00			
41	3,304.00	3,319.00			
42	3,443.00	3,341.00			
43	3,363.00	3,363.00			
44	3,429.00	3,381.00			

Employees Retirement System of the  
State of Rhode Island

TABLE 21

DEDUCED SALARY SCALE BASED UPON  
AVERAGE ANNUAL SALARIES

STATE EMPLOYEES - FEMALE

Age  
16  
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64  
65

<u>Average Annual Salary</u>	<u>Adjusted Average Salary</u>	<u>Age</u>	<u>Average Annual Salary</u>	<u>Adjusted Average Salary</u>
\$1,860.00	\$1,860.00	45	\$2,897.00	\$2,911.00
1,950.00	1,925.00	46	2,914.00	2,924.00
1,907.00	1,989.00	47	2,804.00	2,937.00
2,030.00	2,054.00	48	3,045.00	2,950.00
		49	3,057.00	2,963.00
2,082.00	2,118.00			
2,042.00	2,182.00	50	2,881.00	2,976.00
2,180.00	2,246.00	51	2,696.00	2,989.00
2,300.00	2,310.00	52	3,002.00	3,002.00
2,362.00	2,374.00	53	2,714.00	3,010.00
		54	2,904.00	3,018.00
2,392.00	2,438.00			
2,453.00	2,503.00	55	2,746.00	3,026.00
2,536.00	2,568.00	56	2,859.00	3,034.00
2,595.00	2,633.00	57	2,550.00	3,042.00
2,698.00	2,698.00	58	2,695.00	3,050.00
		59	2,547.00	3,058.00
2,587.00	2,712.00			
2,744.00	2,726.00	60	2,800.00	3,066.00
2,673.00	2,740.00	61	2,798.00	3,074.00
2,614.00	2,754.00	62	2,596.00	3,082.00
2,518.00	2,768.00	63	2,867.00	3,089.00
		64	3,201.00	3,096.00
2,720.00	2,781.00			
2,784.00	2,794.00	65	3,103.00	3,103.00
2,788.00	2,807.00			
2,750.00	2,820.00			
2,899.00	2,833.00			
2,773.00	2,846.00			
3,019.00	2,859.00			
2,946.00	2,872.00			
3,035.00	2,885.00			
2,766.00	2,898.00			

Employees Retirement System of the  
State of Rhode Island

TABLE 22

DEDUCED SALARY SCALE BASED UPON  
AVERAGE ANNUAL SALARIES

TEACHERS- MALE

<u>Age</u>	<u>Average Annual Salary</u>	<u>Adjusted Average Salary</u>	<u>Age</u>	<u>Average Annual Salary</u>	<u>Adjusted Average Salary</u>
	\$ --	\$2,390.00	50	\$5,183.00	\$4,957.00
	--	2,395.00	51	5,018.00	5,018.00
20		2,400.00	52	4,744.00	5,068.00
21	2,400.00	2,405.00	53	4,848.00	5,118.00
22	2,400.00	2,425.00	54	5,097.00	5,168.00
23	2,425.00				
24					
	2,704.00	2,506.00	55	5,218.00	5,218.00
25	2,583.00	2,587.00	56	5,113.00	5,273.00
26	2,862.00	2,668.00	57	5,668.00	5,327.00
27	2,749.00	2,749.00	58	5,553.00	5,381.00
28	2,965.00	2,965.00	59	4,451.00	5,435.00
29					
	2,974.00	3,043.00	60	5,464.00	5,489.00
30	3,100.00	3,121.00	61	4,727.00	5,543.00
31	3,206.00	3,199.00	62	5,597.00	5,597.00
32	3,277.00	3,277.00	63	4,675.00	5,651.00
33	3,277.00	3,448.00	64	5,479.00	5,705.00
34	3,753.00				
	3,619.00	3,619.00	65	5,505.00	5,759.00
35	3,778.00	3,739.00			
36	4,077.00	3,859.00			
37	3,982.00	3,978.00			
38	4,097.00	4,097.00			
39					
	4,172.00	4,185.00			
40	4,490.00	4,273.00			
41	4,436.00	4,360.00			
42	4,592.00	4,448.00			
43	4,490.00	4,536.00			
44					
	4,449.00	4,624.00			
45	4,712.00	4,712.00			
46	4,478.00	4,774.00			
47	4,946.00	4,835.00			
48	4,713.00	4,896.00			
49					



Employees Retirement System of the  
State of Rhode Island

TABLE 23

DEDUCED SALARY SCALE BASED UPON  
AVERAGE ANNUAL SALARIES

TEACHERS - FEMALE

<u>Age</u>	<u>Average Annual Salary</u>	<u>Adjusted Average Salary</u>	<u>Age</u>	<u>Average Annual Salary</u>	<u>Adjusted Average Salary</u>
20	\$1,980.00	\$1,900.00	50	\$4,125.00	\$4,151.00
21	1,900.00	2,031.00	51	4,255.00	4,176.00
22	2,345.00	2,162.00	52	4,216.00	4,201.00
23	2,294.00	2,294.00	53	4,419.00	4,226.00
24	2,509.00	2,463.00	54	4,174.00	4,251.00
25	2,677.00	2,633.00	55	4,276.00	4,276.00
26	2,803.00	2,803.00	56	4,178.00	4,306.00
27	2,993.00	2,993.00	57	4,238.00	4,226.00
28	3,067.00	3,056.00	58	4,367.00	4,367.00
29	3,009.00	3,119.00	59	4,329.00	4,411.00
30	3,325.00	3,182.00	60	4,493.00	4,456.00
31	3,457.00	3,245.00	61	4,465.00	4,500.00
32	3,307.00	3,307.00	62	4,544.00	4,544.00
33	3,321.00	3,374.00	63	4,495.00	4,587.00
34	3,424.00	3,444.00	64	4,629.00	4,629.00
35	3,476.00	3,514.00	65	4,601.00	4,670.00
36	3,474.00	3,584.00			
37	3,612.00	3,654.00			
38	3,635.00	3,724.00			
39	3,794.00	3,794.00			
40	3,753.00	3,863.00			
41	3,932.00	3,932.00			
42	3,680.00	3,956.00			
43	3,912.00	3,980.00			
44	3,853.00	4,004.00			
45	4,054.00	4,028.00			
46	4,071.00	4,052.00			
47	3,957.00	4,076.00			
48	4,159.00	4,101.00			
49	4,042.00	4,126.00			