

STATE EMPLOYES' RETIREMENT SYSTEM

Actuarial Valuation as of May 31, 1954

---

# HUGGINS & COMPANY

CONSULTING ACTUARIES AND INSURANCE ACCOUNTANTS

GEORGE A. HUGGINS  
WILLIAM M. HUGGINS  
RENNER W. LEUPOLD  
KENNETH H. ROSS  
CHARLES L. BURRALL, JR.

M. ROSSMAN WERT  
BERNHARDT K. STABERT  
R. WESLEY SHOPE

ARCHITECTS BUILDING  
117 SOUTH 17TH STREET  
PHILADELPHIA 3, PA.

LOCUST 4-1122

October 27, 1954.

Mrs. Margot A. Kyle, Secretary  
State Employes' Retirement Board  
Harrisburg, Pennsylvania

STATE EMPLOYES' RETIREMENT SYSTEM  
Actuarial Valuation as of May 31, 1954

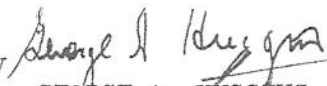
Dear Mrs. Kyle:

Herewith please find the valuation balance sheet, showing the account balances, the present value of future appropriations and the actuarial reserves and other liabilities of the State Employes' Retirement System, as of May 31, 1954, with explanatory remarks relating to various items in the statement.

There are also shown supporting schedules from A to M, inclusive.

Respectfully submitted,

HUGGINS & COMPANY

By   
GEORGE A. HUGGINS  
Of Actuarial Counsel

GAH:hsw

## VALUATION

as of

MAY 31, 1954

A valuation to determine the required actuarial reserves and other liabilities of the State Employees' Retirement System as of May 31, 1954 has been made. In determining the actuarial reserves, the factors developed in connection with the Fifth Actuarial Investigation made as of May 31, 1950 have been used.

In the following report there is a three-part balance sheet showing the total assets, including the present value of future appropriations; the account balances together with the present value of future appropriations; and the actuarial reserves and other liabilities as of May 31, 1954 with explanatory remarks relating to the various items.

"Original Members" are members who were in service at any time prior to January 1, 1925 and have qualified as original members and also members who at a later date qualified as original members under the provisions of amendments making them eligible for membership in the Retirement System when previously they had not been eligible.

"New Members" are members who entered service on and after January 1, 1925, except those who qualified as original members under the provisions of amendments making them eligible for membership in the Retirement System when previously they had not been eligible.

"Prior Service" is service for which credit is allowed when such service was rendered prior to January 1, 1924 or prior to the date of membership, if later, when original membership has been acquired under the provisions of amendments making persons eligible for membership in the Retirement System who previously had not been eligible.

VALUATION BALANCE SHEET

of

STATE EMPLOYEES' RETIREMENT SYSTEM

as of

MAY 31, 1954

ASSETS, INCLUDING PRESENT VALUE OF FUTURE APPROPRIATIONS

Cash-----		\$	614,197.85
<u>Investments</u>			
Bonds unmatured (par value)-----	\$119,557,571.67		
Bonds matured (par value)-----	4,000.00		
Premiums paid on bonds owned--\$155,595.06			
LESS - Reserve for amortization <u>56,181.94</u>	99,413.12		
Stock-----	100.00		
Mortgage loan (first lien)-----	<u>15,300,000.00</u>	134,961,084.79	
<u>Interest Due and Accrued</u>			
Investments-----		992,243.42	
<u>Other Assets</u>			
Members' contributions in transit-----		541,616.12	
Due from Commonwealth - Interest deficiency -			
Year - 1952-----	\$	918,669.57	
Year - 1953-----		1,112,727.59	
Year - 1954-----		1,537,927.10	
- Member's Annuity Reserve Account-----		180,298.49	
- State Annuity Reserve Account #2 (Act #622)-----		64,806.89	
- State Annuity Reserve Account (Act #622)-----		<u>56,458.62</u>	3,870,888.26
Present value of future appropriations -			
State Annuity Reserve Account #2-----	\$	22,288,035.78	
Contingent Reserve Account-----		<u>48,385,835.40</u>	<u>70,673,871.18</u>
Total assets, including present value of future appropriations-----			<u>\$211,653,901.62</u>

VALUATION BALANCE SHEET

of  
STATE EMPLOYEES' RETIREMENT SYSTEM

as of

MAY 31, 1954

---

ACCOUNT BALANCES AND PRESENT VALUE OF FUTURE APPROPRIATIONS

Member's Annuity Savings Account-----	\$	79,943,389.76
Member's Annuity Reserve Account-----		8,403,598.51
State Annuity Reserve Account #2-----		7,272,894.22
Contingent Reserve Account-----	\$34,468,553.10	
LESS - Adjustment-----	153,643.50	34,314,909.60
State Annuity Reserve Account-----	\$ 5,513,994.50	
PLUS - Adjustment-----	153,643.50	5,667,638.00
Annuities due and unpaid-----		157,873.99
Reserve for outstanding checks-----		2,041.18
Pennsylvania State Police Benefit Account-----		4,378,235.38
Pennsylvania State Police Member's Annuity Reserve Account-----		<u>659,151.31</u>
Total account balances-----		\$140,799,731.95
<u>Present Value of Future Appropriations -</u>		
State Annuity Reserve Account #2-----	\$22,288,035.78	
Contingent Reserve Account-----	48,385,835.40	
Total-----		\$70,673,871.18
Member's Annuity reserve required-\$8,583,897.00		
Member's Annuity Reserve Account balance-----		<u>8,403,598.51</u>
Excess of required reserve over account balance (Member's Annuity Reserve Ac- count.)-----		<u>180,298.49</u>
Total present value of future appropriations-----		<u>70,854,169.67</u>
Total account balances and present value of future appropria- tions-----		<u>\$211,653,901.62</u>

ACTUARIAL RESDRVES AND OTHER LIABILITIES

Member's Annuity Savings Account

Present value of benefits on account of which  
salary deductions have been accumulated----- \$ 79,943,389.76

Member's Annuity Reserve Account

Present value of members' annuities payable  
to members now on annuity roll because of:

Superannuation-----\$6,627,004.00  
Disability----- 554,594.00  
Withdrawal----- 1,402,299.00

Total----- 8,583,897.00

State Annuity Reserve Account #2

Present value of State annuities payable  
to original members:

(a) Not on annuity roll but who may  
receive annuities in the future  
because of:

Superannuation----- \$18,200,058.00  
Disability----- 98,998.00  
Withdrawal - active----- 71,349.00  
Withdrawal - inactive----- 78,620.00 \$18,449,025.00

(b) Now on annuity roll because of:

Superannuation----- \$ 8,961,784.00  
Disability----- 234,352.00  
Withdrawal----- 1,915,769.00 11,111,905.00

Total----- 29,560,930.00

ACTUARIAL RESERVES AND OTHER LIABILITIES  
(continued)

Contingent Reserve Account

Present value of State annuities payable  
to new members:

Not on annuity roll but who may  
receive annuities in the future  
because of:

Superannuation-----	\$75,042,944.00	
Disability-----	3,491,292.00	
Withdrawal - active-----	3,932,087.00	
Withdrawal - inactive-----	<u>234,422.00</u>	
Total-----		\$82,700,745.00

State Annuity Reserve Account

Present value of State annuities payable  
to new members:

Now on annuity roll because of:

Superannuation-----	\$ 3,755,266.00	
Disability-----	1,178,423.00	
Withdrawal-----	<u>733,949.00</u>	
Total-----		5,667,638.00

Pennsylvania State Police Benefit Account

Present value of members' annuities on the roll--	\$ 654,694.00	
Balance for members' annuities-----	<u>4,457.31</u>	659,151.31
Present value of State annuities on the roll-----	\$ 2,882,156.00	
Balance for future State annuities-----	<u>1,496,079.38</u>	4,378,235.38

Other Liabilities

Annuities and refunds under Option 1 due and unpaid-----	\$ 157,873.99	
Reserve for outstanding checks-----	<u>2,041.18</u>	
Total-----		<u>159,915.17</u>

Total actuarial reserves and other liabilities-----\$211,653,901.62

EXPLANATORY REMARKS RELATING TO VALUATION

Member's Annuity Savings Account

The present value of benefits on account of which salary deductions have been accumulated in the Member's Annuity Savings Account amounts to \$79,943,389.76 and necessarily is the equivalent of the balance in the Member's Annuity Savings Account included among the account balances. The balance in this account has been a constantly increasing amount because the credits to it in the form of salary deductions from the contributors and the interest additions at the rate of 4% have been greater than the drafts upon it. The balances in this account as of the close of each of the last five fiscal years are as follows:

<u>Year</u>	<u>Account Balance</u>
1950-----	\$49,318,058.58
1951-----	56,484,288.72
1952-----	63,242,052.61
1953-----	70,780,364.81
1954-----	79,943,389.76

It is of interest to note that during the last four-year period this account balance increased by \$30,625,331.18.

Member's Annuity Reserve Account

The present value of members' annuities payable to members now on the annuity roll because of superannuation amounts to \$6,627,004.00; for disability, \$554,594.00; and for withdrawal, \$1,402,299.00, or a total of \$8,583,897.00. The balance in the Member's Annuity Reserve Account as of May 31, 1954 was \$8,403,598.51, and as shown the calculated actuarial reserve for the outstanding members' annuities as of the same date amounted to \$8,583,897.00. Therefore, the required reserve is greater than the account balance by \$180,298.49. The required reserves, the account balances and the necessary adjustments in the



Member's Annuity Reserve Account to bring the account balances in agreement with the required reserves as of the close of each of the last five fiscal years are shown as follows:

Year	Required Reserves	Account balance before adjustment	Adjustment to account balance
1950-----	\$4,764,676.00	\$4,654,123.02 (+)	\$110,552.98
1951-----	5,439,528.00	5,240,272.78 (+)	199,255.22
1952-----	6,427,067.00	6,260,644.21 (+)	166,422.79
1953-----	7,683,286.00	7,392,291.05 (+)	290,994.95
1954-----	8,583,897.00	8,403,598.51 (+)	180,298.49

State Annuity Reserve Account #2

The present value of the State annuities payable to original members out of State Annuity Reserve Account #2 is as follows:

(a) Not on annuity roll but who may receive annuities in the future-----	\$18,449,025.00
(b) Now on annuity roll-----	<u>11,111,905.00</u>
Total-----	<u>\$29,560,930.00</u>

The balance in the State Annuity Reserve Account #2 available for meeting these reserves is \$7,272,894.22 so that \$22,288,035.78 represents the present value of the future appropriations creditable to this account to make up the difference between the balances available and the total required reserves. The required reserves, the balances in the account and the present value of future appropriations as of the close of each of the last five fiscal years are as follows:

Year	Reserve for future annuities	Reserve for present annuities	Total	Account balance	Present value of future appropriations
1950----	\$13,678,298	\$ 7,255,460	\$20,933,758	\$5,676,454.72	\$15,257,303.28*
1951----	14,501,509	7,952,750	22,454,259	6,955,818.06	15,498,440.94
1952----	17,846,930	9,097,982	26,944,912	7,159,106.91	19,785,805.09
1953----	17,524,899	10,376,472	27,901,371	7,247,228.55	20,654,142.45
1954----	18,449,025	11,111,905	29,560,930	7,272,894.22	22,288,035.78

\* Includes \$1,112,561.79 from Public School Employees' Retirement Fund

### Contingent Reserve Account

The present value of the future State annuities payable to new members not yet on the annuity roll is \$82,700,745.00.

The balance in the Contingent Reserve Account available for meeting these reserves is \$34,468,553.10, less an adjustment item of \$153,643.50 transferred from this account to the State Annuity Reserve Account or a balance after adjustment of \$34,314,909.60, so that \$48,385,835.40 represents the present value of the future appropriations creditable to this account to make up the difference between the balances available and the total required reserves. There are shown below the account balances and the present value of future appropriations to this account as of the close of each of the last five fiscal years:

<u>Year</u>	<u>Reserve for future annuities</u>	<u>Account balance after adjustment</u>	<u>Present value of future appropriations</u>
1950-----	\$44,690,819.00	\$18,771,637.03	\$25,919,181.97*
1951-----	48,041,176.00	23,003,164.81	25,038,011.19
1952-----	59,852,596.00	27,237,933.27	32,614,662.73
1953-----	67,138,085.00	29,595,444.00	37,542,641.00
1954-----	82,700,745.00	34,314,909.60	48,385,835.40

\* Includes \$1,687,521.89 from Public School Employees' Retirement Fund.

### State Annuity Reserve Account

The calculated required reserve for the outstanding State annuities payable to new members on the annuity roll as of May 31, 1954 amounted to \$5,667,638.00. The balance in the State Annuity Reserve Account as of May 31, 1954 was \$5,513,994.50. The excess of the required reserves amounting to \$153,643.50, over the account balance was transferred from the Contingent Reserve Account as shown above.

The required reserves, account balances and the adjustments necessary to bring the account balances in agreement with the calculated reserves for the last five fiscal years are as shown on the following page:

<u>Year</u>	<u>Reserve for present annuities</u>	<u>Account balance before adjustment</u>		<u>Adjustment to account balance</u>
1950-----	\$1,871,190.00	\$1,844,575.38	(+)	\$ 26,614.62
1951-----	2,362,585.00	2,260,840.88	(+)	101,744.12
1952-----	3,128,820.00	3,102,221.61	(+)	26,598.39
1953-----	4,452,379.00	4,271,995.00	(+)	180,384.00
1954-----	5,667,638.00	5,513,994.50	(+)	153,643.50

Pennsylvania State Police Benefit Account

The regular contributions and reserves on account of Pennsylvania State Police will provide the regular benefits outlined under the State Employees' Retirement Law. All special additional benefits provided under the Pennsylvania State Police Retirement Law are financed out of funds contributed for such purposes through the casualty premium tax allocations and special appropriations. The following are the Pennsylvania State Police Benefit Account balances and the reserve for annuitants now on the roll for each fund as of May 31, 1954.

	<u>Account balance</u>	<u>Reserve for present annuities</u>	<u>Balance for future annuities</u>
Benefit Account-----	\$4,378,235.38	\$2,882,156.00	\$1,496,079.38
Member's Annuity Reserve Account-----	<u>659,151.31</u>	<u>654,694.00</u>	<u>4,457.31</u>
Total-----	<u>\$5,037,386.69</u>	<u>\$3,536,850.00</u>	<u>\$1,500,536.69</u>

The balance available for future annuities increased to \$1,500,536.69 from the corresponding balance of \$1,248,676.10 as of May 31, 1953.

Remaining Account Balances

The item of \$157,873.99 represents refunds under Option 1 and annuity payments due and unpaid.

The item of \$2,041.18 is the reserve for outstanding checks.

Schedule of Membership as of May 31, 1954

The following schedules of the membership as of May 31, 1954 are supporting schedules to the valuation because it was upon this membership

that the liabilities were calculated. The schedules show the distribution of the membership by attained age in 1954 separated according to whether or not they are contributors or annuitants, whether original members or new members, whether salary deductions are being made under Schedule I or Schedule II and whether the members are male or female. The schedules also show the total salaries in the case of active members and the total amounts of annuities in the case of annuitants.

In Schedule A, there are shown according to attained age, salary and sex the original members still remaining in active membership who are paying dues according to Schedule I or the 1/160th annuity credit basis. The total in this schedule is distributed as follows:

	<u>M A L E</u>		<u>F E M A L E</u>	
	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>
Regular State Employees-----	6	\$37,854	6	\$19,950
Pennsylvania State Police-----	<u>2</u>	<u>21,240</u>	-	-
Total-----	<u>8</u>	<u>\$59,094</u>	<u>6</u>	<u>\$19,950</u>

In Schedule B, there are shown according to attained age, salary and sex the original members still remaining in active membership who are paying dues according to Schedule II or the 1/100th annuity credit basis. The total in this schedule is distributed as follows:

	<u>M A L E</u>		<u>F E M A L E</u>	
	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>
Regular State Employees-----	746	\$4,381,754	296	\$1,072,106
Pennsylvania State Police-----	26	154,458	-	-
Transferred to State Employees' Retirement Fund under Acts #560 and #561-----	105	681,188	62	304,997
General Assembly-----	66	204,160	3	9,098
Law Examiners-----	<u>3</u>	<u>20,058</u>	-	-
Total-----	<u>946</u>	<u>\$5,441,618</u>	<u>361</u>	<u>\$1,386,201</u>

In Schedule C, there is a summary of the two preceding schedules showing that there still remain in active service 1,321 original members with total salaries of \$6,906,863.00 and an average salary of \$5,229 as compared with \$4,891 for the preceding year.

In Schedule D, there is shown a distribution of 1,321 original members according to the years of prior service.

In Schedule E, there are shown according to attained age, salary and sex the new members who are paying dues according to Schedule I or the 1/160th annuity credit basis. The total in this schedule is distributed as follows:

	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
Regular State Employes-----	140	\$ 621,578	54	\$ 170,712
Mental Institutions-----	1	4,002	-	-
Pennsylvania State Police-----	6	27,768	-	-
Unemployment Compensation-----	3	17,034	-	-
<b>Total-----</b>	<b>150</b>	<b>\$ 670,382</b>	<b>54</b>	<b>\$ 170,712</b>

In Schedule F, there are shown according to attained age, salary and sex the new members who are paying dues according to Schedule II, or the 1/100th annuity credit basis. The total in this schedule is distributed as follows:

	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
Regular State Employes-----	16,676	\$ 65,959,914	11,048	\$ 31,602,248
Public Assistance-----	819	3,119,939	2,206	7,442,047
Pennsylvania State Police-----	1,903	7,480,909	91	233,266
Unemployment Compensation-----	1,252	5,543,094	1,732	5,791,736
Delaware River Port Authority-----	235	1,145,332	5	16,536
Delaware River Joint Toll Bridge Commission (free)-----	220	814,281	22	64,396
Delaware River Joint Toll Bridge Commission (toll)-----	114	431,681	8	18,072
Mental Institutions-----	1,531	4,994,251	2,646	7,622,277
General Assembly-----	59	227,801	8	30,780
Turnpike Commission-----	931	3,349,592	55	176,382
Rural Child Welfare-----	2	9,054	48	175,779
Highway (per diem)-----	5,044	13,503,594	106	253,297
Vocational Education-----	70	363,156	53	158,639
Transferred to State Employes' Re- tirement Fund under Acts #560 and #561-----	273	1,430,841	160	738,280
General State Authority-----	102	507,705	33	100,132
<b>Total-----</b>	<b>29,231</b>	<b>\$108,881,144</b>	<b>18,221</b>	<b>\$54,423,867</b>

In Schedule G, there is shown the distribution of the new members according to the fiscal year during which membership was taken. The total of the new members as of May 31, 1954 was 47,656. The total salaries were \$164,146,105, an average salary of \$3,444 as compared with \$3,174 for the preceding year.

The total members and the total salaries as of May 31, 1954 were distributed as follows:

	<u>Number</u>	<u>Salary</u>
Regular State Employees-----	27,918	\$ 98,354,452
Public Assistance-----	3,025	10,561,986
Pennsylvania State Police-----	2,000	7,741,943
Unemployment Compensation-----	2,987	11,351,864
Delaware River Port Authority-----	240	1,161,868
Delaware River Joint Toll Bridge Commission (free)	242	878,677
Delaware River Joint Toll Bridge Commission (toll)	122	449,753
Mental Institutions-----	4,178	12,620,530
General Assembly-----	67	258,581
Turnpike Commission-----	986	3,525,974
Rural Child Welfare-----	50	184,833
Highway (per diem)-----	5,150	13,756,891
Vocational Education-----	123	521,795
Transferred to State Employees' Retirement Fund under Acts #560 and #561-----	433	2,169,121
General State Authority-----	135	607,837
Total-----	<u>47,656</u>	<u>\$164,146,105</u>

In Schedule H (Part 1), there are shown according to attained age and sex, the number of original members who are receiving superannuation annuities and the total amounts of members' annuities and State annuities. The annuitants whose attained age is less than 60 were members of the State police. This applies also to Part 2.

In Schedule H (Part 2), there are shown according to attained age and sex, the number of new members who are receiving superannuation annuities and the total amounts of members' annuities and State annuities.

In Schedule I (Part 1), there are shown for original members according to attained age and sex, the number and amount of both the members' annuities and the State annuities being paid to surviving beneficiaries. These are the beneficiaries of members who selected either option 2 or option 3 and predeceased their beneficiaries. The amounts of annuities shown are the amounts being continued to the beneficiaries during lifetime.

In Schedule I (Part 2), there are shown for new members according to attained age and sex, the number and amount of both the members' annuities and the State annuities being paid to surviving beneficiaries of superannuation annuitants who selected either option 2 or option 3 and predeceased their beneficiaries. The amounts of annuities shown are the amounts being continued to the beneficiaries during lifetime.

In Schedule J (Part 1), there are shown according to attained age and sex, the number of original members who are receiving disability annuities and the total amounts of members' annuities and State annuities.

In Schedule J (Part 2), there are shown according to attained age and sex the number of new members who are receiving disability annuities and the total amount of members' annuities and State annuities.

In Schedule K (Part 1), there are shown according to attained age and sex, the number of original members who are receiving withdrawal annuities and the total amount of members' annuities and State annuities.

In Schedule K (Part 2), there are shown for original and new members, according to attained age and sex, the number and amount of both the members' annuities and the State annuities being paid to surviving beneficiaries of withdrawal annuitants who selected either option 2 or option 3 and predeceased their beneficiaries. The amounts of annuities shown are the amounts being continued to the beneficiaries during lifetime.

In Schedule K (Part 3), there are shown according to attained age and sex, the number of new members who are receiving withdrawal annuities and the total amount of members' annuities and State annuities.

In Schedule L, there is shown the summary of all annuities outstanding as of May 31, 1954 whether superannuation, disability or withdrawal and whether being paid to original members or new members or their survivors.

The total number of original members on the annuity roll as of May 31, 1954 was 1,384 receiving \$560,714.19 in members' annuities and \$1,310,329.30 in State annuities, a total of \$1,871,043.49.

The total number of new members on the annuity roll as of May 31, 1954 was 1,395 receiving \$427,458.79 in members' annuities and \$693,031.64 in State annuities, a total of \$1,120,490.43.

The combined number of new and original members on the annuity roll as of May 31, 1954 was 2,779 receiving \$988,172.98 in members' annuities and \$2,003,360.94 in State annuities, a total of \$2,991,533.92.

In Schedule M, there is shown for comparison the outstanding membership both active and annuitant as of May 31, 1949, May 31, 1950, May 31, 1951, May 31, 1952, May 31, 1953 and May 31, 1954.



ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1954

(SCHEDULE I)

<u>Attained Age 1954</u>	<u>M A L E</u>		<u>F E M A L E</u>	
	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>
54	1	\$ 3,156	-	-
55	1	16,500	1	\$ 2,820
56	-	-	1	2,490
57	-	-	1	2,820
58	-	-	1	3,666
63	1	6,240	-	-
64	1	5,250	-	-
66	-	-	1	5,448
69	1	4,140	-	-
73	2	20,652	-	-
74	-	-	1	2,706
75	<u>1</u>	<u>3,156</u>	<u>-</u>	<u>-</u>
Total	<u>8</u>	<u>\$59,094</u>	<u>6</u>	<u>\$19,950</u>

Superannuation Annuity 1/160th Basis.

SCHEDULE A

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1954

(SCHEDULE II)

Attained Age 1954	MALE		FEMALE	
	Number	Total Salary	Number	Total Salary
41	1	\$ 3,000	-	\$ -
42	1	3,000	-	-
45	6	19,524	-	-
47	6	41,242	8	30,642
48	7	30,479	11	39,395
49	10	37,417	14	51,066
50	23	123,850	12	40,346
51	25	131,814	19	66,666
52	31	165,329	10	39,064
53	43	220,781	15	57,764
54	59	327,188	13	53,124
55	41	219,758	21	77,359
56	65	327,591	30	115,992
57	50	281,214	23	87,794
58	60	318,040	20	82,496
59	55	327,286	18	63,702
60	52	325,526	17	69,066
61	59	354,268	14	53,830
62	53	323,842	14	59,358
63	50	301,313	16	65,099
64	44	264,628	17	67,298
65	29	142,714	9	37,516
66	35	213,439	7	28,584
67	21	123,726	14	53,370
68	19	119,225	8	26,448
69	22	141,990	11	41,020
70	9	46,536	4	14,898
71	11	75,798	5	16,221
72	11	77,478	3	12,684
73	11	67,442	3	12,221
74	4	17,304	3	13,386
75	8	89,104	1	4,140
76	9	71,951	-	-
77	4	33,974	-	-
78	5	29,068	-	-
79	1	10,260	1	5,652
80	2	18,546	-	-
82	3	10,321	-	-
84	1	5,652	-	-
Total	<u>946</u>	<u>\$5,441,618</u>	<u>361</u>	<u>\$1,386,201</u>

Superannuation Annuity 1/100th Basis.

SCHEDULE B

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1954

SUMMARY - ORIGINAL MEMBERS

<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>
<u>SCHEDULE I</u>					
Male -----	8	\$	59,094		
Female -----	<u>6</u>		<u>19,950</u>		
Total -----		14	\$	79,044	
 <u>SCHEDULE II</u>					
Male -----	946	\$	5,441,618		
Female -----	<u>361</u>		<u>1,386,201</u>		
Total -----		<u>1,307</u>		<u>6,827,819</u>	
 TOTAL - ORIGINAL MEMBERS -----					
				<u>1,321</u>	\$ <u>6,906,863</u>
 Average Salary -----					
					\$ <u>5,229</u>

SCHEDULE C

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1954

PRIOR SERVICE

<u>Years of Service</u>	<u>SCHEDULE I</u>		<u>SCHEDULE II</u>		<u>Total Number</u>
	<u>N u m b e r</u>		<u>N u m b e r</u>		
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	
Less than <u>1 year</u>	-	3	184	81	268
<u>1 year</u>	1	1	99	42	143
2 "	1	1	97	33	132
3 "	-	-	112	45	157
4 "	-	1	109	43	153
5 "	3	-	55	26	84
6 "	1	-	48	21	70
7 "	1	-	49	13	63
8 "	-	-	41	9	50
9 "	-	-	22	9	31
10 "	-	-	37	7	44
11 "	-	-	21	5	26
12 "	-	-	22	5	27
13 "	-	-	11	5	16
14 "	-	-	9	3	12
15 "	-	-	12	3	15
16 "	-	-	4	3	7
17 "	-	-	5	3	8
18 "	1	-	5	3	9
19 "	-	-	1	-	1
20 "	-	-	-	-	-
21 "	-	-	-	1	1
22 "	-	-	-	1	1
23 "	-	-	-	-	-
24 "	-	-	3	-	3
 Total	<u>8</u>	<u>6</u>	<u>946</u>	<u>361</u>	<u>1,321</u>

SCHEDULE I - Superannuation Annuity 1/160th Basis.

SCHEDULE II - Superannuation Annuity 1/100th Basis.

SCHEDULE D

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1954

(SCHEDULE I)

Attained Age 1954	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
38	-	\$ -	1	\$ 3,010
39	-	-	-	-
40	2	8,568	1	2,166
42	4	16,830	-	-
43	9	37,368	-	-
44	8	36,090	1	3,360
45	4	15,918	4	14,496
46	12	55,824	2	5,964
47	11	43,230	2	5,310
48	7	38,694	1	2,604
49	8	37,836	3	7,752
50	5	19,854	3	11,820
51	4	16,146	3	11,244
52	6	32,778	-	-
53	4	19,056	3	9,682
54	5	16,074	1	2,820
55	9	46,128	3	11,502
56	3	16,092	1	2,760
57	3	10,632	2	6,054
58	8	32,828	2	5,724
59	3	18,060	2	7,056
60	6	27,846	4	13,254
61	3	12,714	3	7,338
62	5	21,528	3	10,280
63	5	19,326	1	2,820
64	2	8,892	4	13,158
65	5	18,798	1	2,640
66	4	17,760	-	-
67	1	4,128	1	3,036
68	1	3,156	-	-
69	1	6,714	-	-
71	1	4,524	-	-
73	-	-	1	3,258
74	1	6,990	-	-
77	-	-	1	2,604
<b>Total</b>	<u>150</u>	<u>\$670,382</u>	<u>54</u>	<u>\$170,712</u>

Superannuation Annuity 1/160th Basis.

SCHEDULE E

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1954

(SCHEDULE II)

Attained Age 1954	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
17	6	\$ 13,126	15	\$ 31,383
18	85	199,835	205	473,180
19	178	429,109	383	899,642
20	239	583,207	384	918,492
21	241	596,140	442	1,140,379
22	308	772,344	535	1,442,255
23	382	1,001,178	449	1,226,097
24	412	1,112,565	451	1,241,718
25	521	1,500,875	391	1,094,036
26	603	1,810,810	387	1,125,501
27	642	2,037,842	369	1,054,634
28	661	2,137,574	326	935,842
29	696	2,315,868	327	958,661
30	679	2,324,517	357	1,058,428
31	677	2,334,782	357	1,040,807
32	646	2,224,219	343	992,201
33	713	2,532,078	389	1,159,893
34	627	2,199,601	383	1,129,743
35	654	2,251,275	385	1,146,802
36	660	2,304,523	384	1,115,173
37	672	2,506,320	427	1,271,420
38	735	2,723,834	448	1,339,270
39	798	2,960,913	510	1,554,204
40	859	3,236,868	496	1,523,959
41	860	3,228,912	579	1,800,857
42	839	3,150,908	538	1,653,736
43	908	3,502,394	580	1,829,146
44	908	3,570,449	508	1,593,394
45	904	3,560,333	551	1,722,116
46	957	3,811,010	567	1,772,638
47	954	3,749,370	568	1,742,357
48	876	3,534,853	523	1,610,157
49	866	3,463,817	496	1,555,958
50	793	3,267,424	421	1,317,021
51	800	3,137,411	428	1,287,126
52	604	2,424,735	341	1,101,362
53	659	2,617,158	376	1,200,071
54	612	2,399,929	356	1,120,588
55	630	2,491,910	320	1,003,847
56	522	2,225,998	264	836,296
57	527	2,248,802	255	825,833
Total	25,913	\$ 94,494,816	16,814	\$49,846,223

Superannuation Annuity 1/100th Basis.

SCHEDULE F  
(Part 1)

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1954

(SCHEDULE II)

<u>Attained Age 1954</u>	<u>M A L E</u>		<u>F E M A L E</u>	
	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>
58	511	\$2,081,410	258	\$ 855,382
59	447	1,938,261	207	682,478
60	387	1,573,414	187	606,708
61	339	1,485,848	172	574,029
62	251	1,132,089	105	338,347
63	241	1,031,021	110	352,488
64	188	832,033	101	307,992
65	155	614,415	47	138,495
66	161	697,130	41	133,710
67	122	621,130	40	139,568
68	84	360,971	43	132,122
69	95	409,352	23	82,110
70	88	434,035	24	74,831
71	69	305,142	19	68,334
72	40	165,891	9	28,368
73	34	173,629	8	23,304
74	31	163,698	7	19,878
75	18	85,587	2	5,142
76	15	63,990	1	3,360
77	16	57,885	-	-
78	9	56,979	1	4,044
79	5	20,531	2	6,954
80	2	10,812	-	-
81	4	55,860	-	-
82	3	6,882	-	-
83	2	5,729	-	-
84	-	-	-	-
85	1	2,604	-	-
Total	<u>23,313</u>	<u>\$ 14,386,328</u>	<u>1,407</u>	<u>\$ 4,577,644</u>
Total - (Part 1)	<u>25,913</u>	<u>94,494,816</u>	<u>16,814</u>	<u>49,846,223</u>
TOTAL	<u>29,231</u>	<u>\$ 108,881,144</u>	<u>18,221</u>	<u>\$ 54,423,867</u>

Superannuation Annuity 1/100th Basis.

SCHEDULE F  
(Part 2)

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1954

BY FISCAL YEAR OF ISSUE

(SCHEDULE I)

<u>Entrants</u>	<u>M A L E</u>		<u>F E M A L E</u>		<u>T O T A L</u>	
	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>
1925	4	\$ 19,116	1	\$ 2,370	5	\$ 21,486
1926	8	33,972	6	21,222	14	55,194
1927	-	-	4	11,298	4	11,298
1928	9	39,888	6	20,060	15	59,948
1929	4	23,112	7	23,388	11	46,500
1930	11	49,578	4	10,908	15	60,486
1931	2	10,026	4	11,862	6	21,888
1932	1	3,084	3	9,522	4	12,606
1933	3	13,302	3	10,164	6	23,466
1934	52	239,106	5	16,254	57	255,360
1935	8	35,892	4	12,648	12	48,540
1936	32	132,128	4	12,436	36	144,564
1937	14	61,650	3	8,580	17	70,230
1938	<u>2</u>	<u>9,528</u>	<u>-</u>	<u>-</u>	<u>2</u>	<u>9,528</u>
 SCHEDULE I						
Total	<u>150</u>	<u>\$670,382</u>	<u>54</u>	<u>\$170,712</u>	<u>204</u>	<u>\$841,094</u>

SCHEDULE G  
(Part 1)



NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1954

BY FISCAL YEAR OF ISSUE

(SCHEDULE II)

<u>Entrants</u>	<u>M A I L E</u>		<u>F E M A L E</u>		<u>T O T A L</u>	
	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>
1925	179	\$ 803,938	58	\$ 222,583	237	\$ 1,026,521
1926	190	922,987	67	262,576	257	1,185,563
1927	206	1,073,074	68	256,951	274	1,330,025
1928	243	1,278,241	92	312,759	335	1,591,000
1929	285	1,366,377	84	318,902	369	1,685,279
1930	342	1,640,040	143	524,018	485	2,164,058
1931	269	1,266,960	133	472,597	402	1,739,557
1932	297	1,491,771	95	356,563	392	1,848,334
1933	184	848,070	183	713,571	367	1,561,641
1934	695	3,348,914	330	1,239,808	1,025	4,588,722
1935	325	1,630,168	273	1,009,861	598	2,640,029
1936	608	2,855,955	208	723,556	816	3,579,511
1937	664	3,062,620	204	750,120	868	3,812,740
1938	1,058	4,944,936	544	2,081,988	1,602	7,026,924
1939	989	4,395,278	564	2,035,960	1,553	6,431,238
1940	1,033	4,445,288	456	1,497,667	1,489	5,942,955
1941	776	3,198,943	436	1,460,853	1,212	4,659,796
1942	961	3,780,125	439	1,415,583	1,400	5,195,708
1943	678	2,502,123	492	1,547,635	1,170	4,049,758
1944	1,155	3,756,884	522	1,606,966	1,677	5,363,850
1945	450	1,591,043	325	1,014,064	775	2,605,107
1946	884	3,537,038	649	1,977,680	1,533	5,514,718
1947	1,364	5,189,846	906	2,828,047	2,270	8,017,893
1948	2,342	7,606,818	765	2,279,417	3,107	9,886,235
1949	1,382	4,836,731	938	2,716,137	2,320	7,552,868
1950	1,878	6,803,173	1,173	3,377,281	3,051	10,180,454
1951	2,102	6,903,058	1,398	3,837,292	3,500	10,740,350
1952	2,402	7,492,039	1,875	5,009,850	4,277	12,501,889
1953	2,409	7,481,510	2,129	5,616,218	4,538	13,097,728
1954	2,881	8,827,196	2,672	6,957,364	5,553	15,784,560

SCHEDULE II

Total	29,231	\$108,881,144	18,221	\$54,423,867	47,452	\$163,305,011
-------	--------	---------------	--------	--------------	--------	---------------

SCHEDULE I

Total	150	670,382	54	170,712	204	841,094
-------	-----	---------	----	---------	-----	---------

Total	<u>29,381</u>	<u>\$109,551,526</u>	<u>18,275</u>	<u>\$54,594,579</u>	<u>47,656</u>	<u>\$164,146,105</u>
-------	---------------	----------------------	---------------	---------------------	---------------	----------------------

SCHEDULE G  
(Part 2)

SUPERANNUATION ANNUITIES - AS OF MAY 31, 1954

ORIGINAL MEMBERS

<u>Attained Age 1954</u>	<u>M A L E</u>			<u>F E M A L E</u>		
	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>
52	2	673.40	3,390.95	-	-	-
53	1	437.37	1,859.85	-	-	-
54	3	1,050.32	5,130.48	-	-	-
55	2	557.81	3,029.35	-	-	-
56	1	226.60	1,319.64	-	-	-
57	4	1,133.51	5,567.36	-	-	-
58	1	308.52	1,435.85	-	-	-
59	3	930.14	4,055.12	-	-	-
60	6	2,484.75	7,610.51	3	1,748.93	6,818.54
61	16	9,401.10	34,728.20	4	2,179.43	6,650.25
62	17	8,971.75	28,365.08	10	4,554.18	14,900.91
63	17	8,490.54	27,478.89	6	3,005.87	11,923.08
64	29	13,285.20	39,358.75	6	2,269.73	6,719.91
65	33	21,420.26	55,651.29	11	4,226.74	14,441.22
66	23	14,365.27	39,388.41	11	5,186.19	14,848.20
67	33	21,134.04	51,366.30	17	6,760.14	17,012.07
68	25	13,553.62	30,550.20	12	6,394.08	12,778.17
69	22	16,224.77	35,811.25	18	7,917.51	15,010.54
70	26	17,715.18	39,628.41	16	7,470.72	12,700.09
71	23	12,510.89	24,933.36	11	5,610.15	10,637.26
72	30	26,629.29	49,217.79	5	1,856.88	3,419.97
73	36	26,637.46	52,067.11	18	7,608.59	13,912.73
74	33	21,972.83	37,456.36	5	2,130.48	3,538.75
75	22	16,379.77	22,924.90	12	3,565.60	6,101.97
76	13	6,734.16	10,601.24	10	4,485.31	7,948.77
77	19	17,036.45	20,271.28	11	4,359.42	6,138.08
78	23	13,597.72	23,885.66	10	2,694.48	4,551.62
79	20	9,274.06	20,133.20	5	1,906.86	3,848.91
80	14	3,977.64	9,816.72	9	2,745.27	7,554.69
81	16	6,895.56	19,424.87	10	2,729.65	5,251.62
82	18	10,342.08	22,205.05	8	1,271.04	4,425.11
83	11	2,303.48	5,593.49	5	1,133.66	3,275.08
84	13	2,588.36	8,948.68	4	1,687.81	2,680.74
85	8	2,211.56	8,109.05	5	723.63	1,797.73
86	9	1,698.58	9,617.81	-	-	-
87	5	395.51	2,923.99	3	428.44	2,609.78
88	11	2,177.22	8,410.44	2	200.21	1,281.68
89	2	752.69	6,406.42	1	105.19	69.04
90	-	-	-	1	56.27	76.15
92	1	0.76	661.60	-	-	-
94	3	475.52	2,403.92	-	-	-
95	-	-	-	1	1,409.47	440.91
99	-	-	-	1	61.64	168.60
103	1	682.06	1,776.07	-	-	-
<b>Total</b>	<b>595</b>	<b>\$337,637.80</b>	<b>\$783,514.90</b>	<b>251</b>	<b>\$98,483.57</b>	<b>\$223,532.17</b>

SCHEDULE H  
(Part 1)

SUPERANNUATION ANNUITIES - AS OF MAY 31, 1954

NEW MEMBERS

Attained Age 1954	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
51	11	3,324.03	18,649.43	-	-	-
52	7	2,210.79	12,384.55	-	-	-
53	5	1,402.50	7,406.16	1	97.68	327.06
54	4	1,131.29	5,560.43	-	-	-
55	3	788.94	4,392.92	-	-	-
56	4	1,395.96	6,700.19	-	-	-
57	6	1,918.55	8,663.09	-	-	-
58	2	449.11	2,062.52	-	-	-
59	2	541.49	1,728.54	1	253.14	1,011.51
60	7	1,963.76	5,312.16	7	1,575.43	2,999.84
61	24	9,146.71	22,558.10	16	4,422.64	11,969.69
62	14	6,536.49	10,835.27	15	4,590.49	9,973.04
63	18	5,743.86	9,178.78	19	5,915.01	9,391.94
64	30	11,347.30	18,254.92	21	6,923.79	13,690.69
65	42	13,962.72	23,827.05	16	5,011.04	9,792.50
66	35	14,298.93	20,169.56	18	5,616.79	9,086.80
67	38	17,723.96	23,242.88	19	5,837.62	7,252.13
68	38	12,774.00	16,004.11	13	4,198.15	7,612.32
69	41	19,537.24	23,308.89	16	3,524.81	5,451.94
70	34	11,116.52	12,719.70	20	6,696.58	8,017.96
71	26	13,793.34	12,775.51	9	2,122.98	2,381.06
72	29	9,728.97	10,075.29	14	2,366.39	2,475.16
73	27	14,349.84	14,578.63	12	3,376.40	2,902.39
74	32	12,798.59	9,525.49	19	5,245.47	4,609.48
75	23	5,558.17	5,262.66	7	2,144.36	2,145.55
76	20	6,907.21	5,724.73	5	808.16	657.38
77	13	7,814.68	5,555.04	5	1,118.31	903.93
78	10	3,260.32	2,226.15	6	4,062.74	2,512.84
79	13	4,971.84	2,584.49	4	613.17	443.97
80	17	5,559.23	3,316.36	1	473.98	277.31
81	11	8,009.59	5,377.87	2	626.75	341.24
82	5	8,536.90	3,120.62	1	200.74	184.69
83	3	456.58	319.28	-	-	-
84	5	1,611.38	946.60	1	98.83	92.97
87	2	2,223.19	795.53	-	-	-
89	1	105.32	66.00	1	62.52	39.87
Original Members- Schedule H (Part 1)	602 595	\$242,999.10 337,637.80	\$335,209.50 783,514.90	269 251	\$ 77,983.97 98,483.57	\$117,545.26 223,532.17
TOTAL	1,197	\$580,636.90	\$1,118,724.40	520	\$176,467.54	\$341,077.43

SCHEDULE H  
(part 2)

ANNUITIES TO SURVIVING BENEFICIARIES OF MEMBERS WHO ELECTED  
OPTIONS #2 and #3

ORIGINAL MEMBERS

Attained Age 1954	MALE			FEMALE		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
50	1	\$69.09	\$ 287.32	-	-	-
51	-	-	-	1	\$ 70.76	\$ 173.56
52	-	-	-	1	30.33	1,721.25
55	-	-	-	1	46.51	232.96
56	-	-	-	1	89.44	131.35
58	-	-	-	3	1,485.58	3,528.60
59	-	-	-	1	388.19	1,765.75
60	-	-	-	2	985.09	1,121.97
61	-	-	-	5	2,021.63	2,769.25
62	-	-	-	2	653.07	916.02
63	-	-	-	4	971.77	2,073.68
66	-	-	-	3	522.47	3,483.54
67	-	-	-	3	3,972.58	4,501.53
68	-	-	-	8	3,324.30	6,700.24
69	-	-	-	5	1,426.36	2,660.98
70	-	-	-	2	484.93	1,127.75
71	-	-	-	7	2,427.94	5,634.27
72	-	-	-	2	491.44	1,445.80
73	-	-	-	4	679.85	1,919.87
74	-	-	-	2	1,018.45	1,694.21
75	-	-	-	2	179.22	791.08
76	-	-	-	5	4,664.01	4,386.59
77	-	-	-	10	2,803.40	10,275.51
78	-	-	-	4	891.71	2,350.93
79	-	-	-	3	781.02	1,342.08
80	-	-	-	6	615.62	3,041.89
81	1	10.64	2,494.55	4	576.35	3,461.60
82	-	-	-	5	775.34	1,411.01
83	-	-	-	1	57.20	72.65
84	-	-	-	3	97.92	6,345.88
85	-	-	-	1	57.35	323.07
86	-	-	-	4	100.37	1,451.36
88	-	-	-	2	5.79	4,072.26
89	-	-	-	1	343.61	1,075.61
91	-	-	-	1	1.46	540.61
94	-	-	-	2	9.66	1,219.89
Total	2	\$79.73	\$2,781.87	111	\$33,050.72	\$85,764.60

SCHEDULE I  
(Part 1)

ANNUITIES TO SURVIVING BENEFICIARIES OF MEMBERS WHO ELECTED  
OPTIONS #2 and #3

NEW MEMBERS

Attained Age 1954	MALE			FEMALE		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
45	-	-	-	1	\$ 573.27	\$ 273.57
47	1	\$ 79.10	\$ 76.22	-	-	-
58	-	-	-	3	810.41	1,167.69
59	-	-	-	1	195.76	181.58
60	-	-	-	1	236.24	174.12
63	-	-	-	1	114.30	119.48
64	1	172.54	320.19	1	905.16	1,095.52
65	-	-	-	3	911.75	801.39
66	-	-	-	1	482.91	431.45
67	-	-	-	1	202.83	255.92
68	-	-	-	2	1,002.10	865.27
69	-	-	-	2	385.45	379.27
70	-	-	-	1	233.99	299.52
71	-	-	-	1	378.71	473.25
72	-	-	-	2	300.60	261.44
74	-	-	-	2	418.21	427.25
75	-	-	-	5	1,505.61	1,059.72
77	-	-	-	1	361.82	212.94
79	-	-	-	1	179.32	149.56
82	-	-	-	1	240.10	170.21
<b>Total</b>	<b>2</b>	<b>\$ 251.64</b>	<b>\$ 396.41</b>	<b>31</b>	<b>\$ 9,438.54</b>	<b>\$ 8,799.15</b>
Original Members <u>SCHEDULE I</u> (Part 1)	<u>2</u>	<u>79.73</u>	<u>2,781.87</u>	<u>111</u>	<u>33,050.72</u>	<u>85,764.60</u>
Original and new Members Total	4	\$ 331.37	\$ 3,178.28	142	\$42,489.26	\$ 94,563.75
Schedule H	<u>1,197</u>	<u>580,636.90</u>	<u>1,118,724.40</u>	<u>520</u>	<u>176,467.54</u>	<u>341,077.43</u>
<b>Total</b>	<b><u>1,201</u></b>	<b><u>\$580,968.27</u></b>	<b><u>\$1,121,902.68</u></b>	<b><u>662</u></b>	<b><u>\$218,956.80</u></b>	<b><u>\$435,641.18</u></b>

SCHEDULE I  
(Part 2)

DISABILITY ANNUITIES - AS OF MAY 31, 1954

ORIGINAL MEMBERS

Attained Age 1954	MALE			FEMALE		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
46	-	-	-	1	\$ 109.35	\$ 332.62
47	-	-	-	1	80.32	337.22
48	-	-	-	1	41.30	290.45
50	-	-	-	2	152.72	709.12
51	-	-	-	1	153.49	881.52
52	-	-	-	3	299.61	984.15
53	3	\$ 609.31	\$ 1,044.99	2	251.07	521.30
54	2	698.47	1,143.77	-	-	-
55	5	1,059.48	2,305.47	1	27.52	234.71
56	1	154.16	359.10	1	505.05	789.09
57	2	251.12	680.51	1	163.71	22.11
58	4	672.12	2,190.61	-	-	-
60	-	-	-	1	161.39	205.66
61	1	331.28	382.72	1	115.00	239.00
62	-	-	-	1	158.00	302.86
63	1	15.96	-	-	-	-
64	1	535.20	964.80	1	162.86	217.96
65	2	189.54	751.11	-	-	-
66	3	892.96	1,584.69	1	107.98	214.43
67	1	22.85	247.15	1	372.06	153.39
68	1	599.35	618.84	5	694.70	1,295.98
69	-	-	-	1	56.03	213.97
71	1	421.55	442.45	-	-	-
72	2	597.76	965.32	-	-	-
73	-	-	-	1	185.33	259.27
74	1	225.36	154.40	2	235.15	239.25
76	2	357.76	710.76	-	-	-
77	-	-	-	1	29.40	347.01
80	-	-	-	1	272.76	474.08
Total	<u>33</u>	<u>\$7,634.23</u>	<u>\$14,546.69</u>	<u>31</u>	<u>\$4,334.80</u>	<u>\$9,265.15</u>

SCHEDULE J  
(Part 1)

DISABILITY ANNUITIES - AS OF MAY 31, 1954

NEW MEMBERS

Attained Age 1954	MALE			FEMALE		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
28	1	\$ 26.35	\$ 671.76	-	-	-
33	1	58.31	715.46	1	\$ 56.53	\$ 452.04
34	1	72.87	533.61	1	33.06	372.27
36	3	254.24	2,135.15	-	-	-
37	-	-	-	1	62.96	455.67
38	2	218.76	1,406.37	1	90.04	601.49
39	1	65.96	525.34	4	325.53	2,053.50
40	1	112.78	744.61	3	336.09	1,627.10
41	1	63.99	566.50	3	135.12	401.75
42	1	77.21	481.84	3	233.02	597.55
43	4	416.78	2,354.20	-	-	-
44	5	994.13	4,283.51	4	352.19	1,536.18
45	3	706.27	3,469.14	4	515.75	2,212.32
46	4	584.71	3,047.66	4	689.24	2,669.68
47	6	1,167.74	4,712.32	3	441.06	1,489.05
48	5	633.04	2,273.06	3	453.89	1,503.12
49	9	2,358.12	7,127.66	6	493.07	2,624.05
50	9	1,732.33	6,214.55	6	937.79	2,447.37
51	2	270.39	1,026.43	6	783.12	2,903.04
52	3	539.85	2,365.65	3	353.45	930.74
53	6	1,585.76	4,777.87	3	504.35	1,432.70
54	6	1,107.61	3,156.23	1	127.57	418.70
55	8	1,426.73	3,936.83	3	549.32	1,571.66
56	7	1,034.39	3,502.49	3	327.89	997.23
57	8	1,607.72	4,069.73	9	1,664.41	3,873.50
58	9	2,158.68	4,564.37	3	314.60	944.90
59	14	4,914.51	8,429.76	4	925.97	1,486.48
60	8	2,340.97	3,888.51	2	317.34	635.22
61	7	1,766.33	2,520.58	2	307.55	442.05
62	5	1,193.83	1,686.59	2	142.21	507.65
63	6	935.91	2,104.25	4	604.07	981.38
64	-	-	-	1	179.38	256.17
65	1	796.51	643.49	2	182.49	300.14
66	4	860.49	1,547.33	2	237.95	459.12
67	-	-	-	2	209.36	395.80
70	1	757.62	757.02	-	-	-
71	1	396.12	225.80	-	-	-
72	-	-	-	2	80.93	124.67
76	1	147.61	193.19	-	-	-
78	1	49.21	84.19	-	-	-
<b>Total</b>	<b>155</b>	<b>\$33,433.83</b>	<b>\$ 90,743.05</b>	<b>101</b>	<b>\$12,967.30</b>	<b>\$39,744.29</b>
Original Members - Schedule J (Part 1)	<u>33</u>	<u>7,634.23</u>	<u>14,546.69</u>	<u>31</u>	<u>4,334.80</u>	<u>9,265.15</u>
<b>Total</b>	<b><u>188</u></b>	<b><u>\$41,068.06</u></b>	<b><u>\$105,289.74</u></b>	<b><u>132</u></b>	<b><u>\$17,302.10</u></b>	<b><u>\$49,039.44</u></b>

SCHEDULE J  
(Part 2)

WITHDRAWAL ANNUITIES - AS OF MAY 31, 1954

ORIGINAL MEMBERS

Attained Age 1954	M A L E		F E M A L E			
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
44	1	\$ 14.69	\$ 58.76	-	-	-
47	2	196.74	284.91	1	173.53	322.69
48	2	56.94	232.92	6	596.17	710.66
49	-	-	-	4	481.87	854.02
50	1	261.29	182.14	2	315.45	411.97
51	3	565.55	1,142.50	2	332.18	441.22
52	7	1,546.36	2,565.60	3	271.08	276.15
53	9	2,046.57	5,650.65	3	401.31	476.85
54	7	1,293.29	3,289.73	4	592.52	850.80
55	4	864.60	2,092.88	7	1,152.78	2,655.21
56	7	1,567.74	3,642.79	3	516.13	575.43
57	10	2,959.75	6,595.69	3	505.79	1,611.41
58	10	3,114.45	6,444.79	7	1,006.42	1,917.81
59	5	2,658.57	6,358.13	3	1,495.49	3,402.59
60	7	2,169.59	3,542.06	8	1,394.23	3,766.77
61	11	2,428.13	4,315.19	7	1,598.43	4,894.25
62	7	1,767.40	3,764.82	7	1,883.33	5,974.34
63	9	2,650.73	6,084.05	3	307.69	342.80
64	9	2,254.92	5,108.55	3	755.63	1,688.10
65	7	2,766.27	5,922.12	4	630.61	1,129.03
66	5	1,657.65	3,721.23	7	1,190.42	2,454.55
67	8	1,668.09	3,672.85	5	640.24	836.67
68	5	772.35	1,966.61	6	919.94	1,668.94
69	7	3,556.93	7,459.40	1	157.67	302.94
70	14	2,891.10	8,073.85	6	951.49	2,099.01
71	7	1,106.75	3,561.24	1	432.07	405.74
72	6	1,083.10	2,834.02	6	620.57	1,577.41
73	13	2,114.13	7,880.62	5	569.61	1,491.09
74	7	1,139.60	5,444.79	8	1,488.85	3,364.38
75	5	1,187.53	3,583.25	2	400.00	1,130.04
76	3	909.86	2,379.76	4	522.61	2,023.39
77	3	481.77	2,874.08	3	476.66	1,157.23
78	3	711.90	2,335.67	3	444.36	1,635.18
79	2	217.95	806.76	1	84.20	167.21
80	2	260.17	1,083.07	-	-	-
81	1	176.29	624.82	-	-	-
Total	<u>209</u>	<u>\$51,118.75</u>	<u>\$125,580.30</u>	<u>138</u>	<u>\$23,309.33</u>	<u>\$52,615.88</u>

SCHEDULE K  
(Part I)



WITHDRAWAL ANNUITIES - AS OF MAY 31, 1954

Annuities to Surviving Beneficiaries of Members who elected Option #2 or #3

ORIGINAL MEMBERS

<u>Attained Age 1954</u>	<u>Number</u>						<u>Member's Annuity</u>	<u>State Annuity</u>
	<u>F</u>	<u>E</u>	<u>M</u>	<u>A</u>	<u>L</u>	<u>E</u>		
49		1				\$ 215.70	\$ 461.49	
50		1				421.85	855.47	
57		2				750.80	2,108.60	
58		1				323.22	561.54	
59		1				792.38	1,719.43	
60		1				442.06	868.29	
61		1				756.77	1,196.94	
65		1				367.68	704.48	
66		1				174.22	483.60	
68		1				377.96	1,037.68	
72		1				185.62	1,246.42	
77		1				6.40	438.04	
						<hr/>	<hr/>	
Total		13				\$ 4,814.66	\$ 11,681.98	

M A L E

67		<u>1</u>				\$ 250.60	\$ 1,045.76
Original Members - Total		<u>14</u>				\$ 5,065.26	\$ 12,727.74

NEW MEMBERS

F E M A L E

41		1				\$ 254.53	\$ 1,359.38
49		1				99.59	95.93
55		1				319.18	916.12
60		1				274.16	451.26
63		<u>1</u>				174.57	268.73
						<hr/>	<hr/>
Total		<u>5</u>				\$ 1,122.03	\$ 3,091.42
Original and New Members - Total		<u>19</u>				\$ 6,187.29	\$ 15,819.16

WITHDRAWAL ANNUITIES - AS OF MAY 31, 1954

NEW MEMBERS

Attained Age 1954	M A L E		F E M A L E			
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
34	1	\$ 92.17	\$ 62.22	-	\$ -	\$ -
35	1	114.05	68.87	-	-	-
37	2	129.02	86.50	1	98.34	76.28
38	2	169.31	136.62	1	97.62	72.57
39	1	110.79	72.14	3	246.63	212.84
41	1	123.10	296.07	-	-	-
42	1	152.19	56.61	-	-	-
43	5	609.94	470.15	1	149.29	120.10
44	-	-	-	4	362.80	283.88
45	9	1,411.15	3,268.13	4	466.52	745.03
46	5	861.20	3,378.55	-	-	-
47	13	2,470.01	5,587.36	2	231.24	215.03
48	11	2,245.24	9,199.91	4	423.12	525.32
49	12	2,850.15	14,044.59	4	300.54	294.09
50	6	1,488.90	4,841.24	1	149.18	269.60
51	10	2,098.76	5,380.88	3	430.86	464.90
52	12	2,658.91	4,147.63	3	214.28	370.77
53	4	1,206.58	2,456.02	4	850.16	1,226.57
54	6	2,086.58	2,778.33	3	407.99	687.01
55	12	4,154.95	5,564.80	1	95.08	241.27
56	7	1,768.54	2,022.29	2	487.62	659.36
57	4	816.95	1,346.45	7	1,750.59	3,732.68
58	7	2,546.33	4,469.06	3	430.91	606.98
59	7	1,731.53	2,836.61	3	554.68	1,132.40
60	5	1,976.69	4,379.05	2	497.13	1,145.84
61	3	834.70	1,282.77	-	-	-
62	3	560.23	516.97	1	53.57	36.60
63	3	1,207.34	1,165.89	1	94.33	94.29
64	2	362.00	420.88	-	-	-
65	2	403.45	392.07	1	68.17	60.33
66	3	1,187.52	1,128.63	1	140.16	159.82
68	-	-	-	1	57.08	46.89
69	2	471.08	400.95	1	347.19	416.72
70	2	643.29	604.42	-	-	-
72	1	121.46	106.89	1	190.64	198.48
75	1	148.62	146.60	-	-	-
76	1	253.93	260.76	-	-	-
Total	167	\$40,066.66	\$83,376.91	63	\$9,195.72	\$14,095.65
Original Members Total	209	51,118.75	125,580.30	138	23,309.33	52,615.63
TOTAL	376	\$91,185.41	\$208,957.21	201	\$32,505.05	\$66,711.53

SCHEDULE K  
(Part 3)

SUMMARY OF ANNUITIES - AS OF MAY 31, 1954

	<u>ORIGINAL MEMBERS</u>			<u>NEW MEMBERS</u>		
	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>
<u>Superannuation</u>						
Male.....	595	\$337,637.80	\$ 783,514.90	602	\$242,999.10	\$335,209.50
Female.....	251	98,483.57	223,532.17	269	77,983.97	117,545.26
Surviving Beneficiaries - Option #2 & #3:						
Female.....	111	33,050.72	85,764.60	31	9,438.54	8,799.15
Male.....	2	79.73	2,781.87	2	251.64	396.41
Total.....	<u>959</u>	<u>\$469,251.82</u>	<u>\$1,095,593.54</u>	<u>904</u>	<u>\$330,673.25</u>	<u>\$461,950.32</u>
<u>Disability</u>						
Male.....	33	\$ 7,634.23	\$ 14,546.69	155	\$ 33,433.83	\$ 90,743.05
Female.....	31	4,334.80	9,265.15	101	12,967.30	39,774.29
Total.....	<u>64</u>	<u>\$ 11,969.03</u>	<u>\$ 23,811.84</u>	<u>256</u>	<u>\$ 46,401.13</u>	<u>\$130,517.34</u>
<u>Withdrawal</u>						
Male.....	209	\$ 51,118.75	\$ 125,580.30	167	\$ 40,066.66	\$ 83,376.91
Female.....	138	23,309.33	52,615.88	63	9,195.72	14,095.65
Surviving Beneficiaries - Option #2 & #3:						
Female.....	13	4,814.66	11,681.98	5	1,122.03	3,091.42
Male.....	1	250.60	1,045.76	-	-	-
Total.....	<u>361</u>	<u>\$ 79,493.34</u>	<u>\$ 190,923.92</u>	<u>235</u>	<u>\$ 50,384.41</u>	<u>\$100,563.98</u>
Total Annuities.	<u>1,384</u>	<u>\$560,714.19</u>	<u>\$1,310,329.30</u>	<u>1,395</u>	<u>\$427,458.79</u>	<u>\$693,031.64</u>

Total Annuities Payable to Original and New Members

Number.....	<u>2,779</u>
Members Annuities.....	\$ 988,172.98
State Annuities.....	<u>2,003,360.94</u>
Total.....	<u>\$2,991,533.92</u>

SCHEDULE I

Comparison of Membership

	As of May 31, 1949		As of May 31, 1950		As of May 31, 1951	
	Number	Salary	Number	Salary	Number	Salary
<u>ORIGINAL MEMBERS - ACTIVE</u>						
SCHEDULE I - Male.....	45	\$ 195,356	22	\$ 99,334	15	\$ 86,514
- Female.....	28	74,686	8	20,358	7	15,648
SCHEDULE II - Male.....	847	4,045,805	1,016	4,764,674	983	4,721,821
- Female.....	298	833,579	412	1,263,773	409	1,311,854
Total Membership and Salaries.	<u>1,218</u>	<u>\$ 5,149,426</u>	<u>1,458</u>	<u>\$ 6,148,139</u>	<u>1,414</u>	<u>\$ 6,135,837</u>
<u>NEW MEMBERS - ACTIVE</u>						
SCHEDULE I - Male.....	528	\$ 1,792,323	182	\$ 582,955	173	\$ 592,014
- Female.....	173	415,176	71	162,592	72	173,126
SCHEDULE II - Male.....	23,208	64,351,769	26,077	73,274,608	26,447	80,424,375
- Female.....	14,328	31,661,532	15,697	35,013,018	16,161	39,062,657
Total Membership and Salaries.	<u>38,237</u>	<u>\$ 98,220,800</u>	<u>42,027</u>	<u>\$109,033,173</u>	<u>42,853</u>	<u>\$120,252,172</u>
Total of Original and New Membership and Salaries.....	<u>39,455</u>	<u>\$103,370,226</u>	<u>43,485</u>	<u>\$115,181,312</u>	<u>44,267</u>	<u>\$126,388,009</u>
<u>ANNUITANTS</u>						
Original Members.....	1,171		1,193		1,240	
New Members.....	645		745		828	
Total Annuityants.....	<u>1,816</u>		<u>1,938</u>		<u>2,068</u>	
TOTAL MEMBERSHIP.....	<u>41,271</u>		<u>45,423</u>		<u>46,335</u>	

Comparison of Membership

	As of May 31, 1952		As of May 31, 1953		As of May 31, 1954	
	Number	Salary	Number	Salary	Number	Salary
<u>ORIGINAL MEMBERS - ACTIVE</u>						
SCHEDULE I - Male.....	13	\$ 84,786	8	\$ 56,250	8	\$ 59,094
- Female.....	6	14,664	6	15,828	6	19,950
SCHEDULE II - Male.....	1,045	5,403,327	960	5,217,131	946	5,441,618
- Female.....	394	1,370,256	381	1,338,768	361	1,386,201
Total Membership and Salaries.	<u>1,458</u>	<u>\$ 6,873,033</u>	<u>1,355</u>	<u>\$ 6,627,977</u>	<u>1,321</u>	<u>\$ 6,906,863</u>
<u>NEW MEMBERS - ACTIVE</u>						
SCHEDULE I - Male.....	168	\$ 676,234	159	\$ 625,280	150	\$ 670,382
- Female.....	70	190,126	62	170,464	54	170,712
SCHEDULE II - Male.....	26,934	89,440,304	27,411	94,599,954	29,231	108,881,144
- Female.....	16,322	43,478,306	16,785	45,574,736	18,221	54,423,867
Total Membership and Salaries.	<u>43,494</u>	<u>\$133,784,970</u>	<u>44,417</u>	<u>\$140,970,434</u>	<u>47,656</u>	<u>\$164,146,105</u>
Total of Original and New Membership and Salaries.....	<u>44,952</u>	<u>\$140,658,003</u>	<u>45,772</u>	<u>\$147,598,411</u>	<u>48,977</u>	<u>\$171,052,968</u>
<u>ANNUITANTS</u>						
Original Members .....	1,295		1,365		1,384	
New Members.....	<u>979</u>		<u>1,198</u>		<u>1,395</u>	
Total Annuityants.....	<u>2,274</u>		<u>2,563</u>		<u>2,779</u>	
TOTAL MEMBERSHIP.....	<u>47,226</u>		<u>48,335</u>		<u>51,756</u>	