

STATE EMPLOYEES' RETIREMENT SYSTEM

VALUATION AS OF MAY 31, 1952

Walter A. Ryle

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF STATE
STATE EMPLOYEES' RETIREMENT BOARD
HARRISBURG

October 20, 1952

Office of the Actuary

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

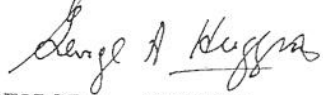
STATE EMPLOYEES' RETIREMENT SYSTEM
VALUATION AS OF MAY 31, 1952

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, 1952, with explanatory remarks relating to various items in the statement.

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

Respectfully submitted,


GEORGE A. HUGGINS, Actuary

GAH:hsW

V A L U A T I O N

as of

MAY 31, 1952

A valuation to determine the required actuarial reserves and other liabilities of the State Employees' Retirement System as of May 31, 1952 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, 1952 with explanatory remarks relating to the various items.

"Original Members" are members who were in service at any time prior to January 1, 1925 who qualified as original members prior to such date, and also employes 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, 1952

ASSETS, INCLUDING PRESENT VALUE OF FUTURE APPROPRIATIONS

Cash.....		\$ 936,087.77
<u>Investments</u>		
Bonds unmatured (par value).....	\$90,205,500.00	
Bonds matured (par value).....	7,000.00	
Net accrual of discount on bonds owned.....	(-) 99,043.81	
Stock.....	100.00	
Mortgage loan first lien.....	<u>16,300,000.00</u>	
Total.....		106,413,556.19
<u>Interest Due and Accrued</u>		
Investments.....		867,344.88
<u>Other Assets</u>		
Members' contributions in transit.....		431,229.93
Due from Commonwealth - Interest deficiency -		
Year - 1951.....	\$ 877,270.54	
Year - 1952.....	960,069.03	
- Members' Annuity Reserve Account.....	166,422.79	
- State Annuity Reserve Account #2.....	9,201.63	
- State Annuity Reserve Account.....	<u>7,722.12</u>	2,020,686.11
Present value of future appropriations -		
State Annuity Reserve Account #2.....	\$19,785,805.09	
Contingent Reserve Account.....	<u>32,614,662.73</u>	52,400,467.82
Total assets, including present value of future appropriations..		<u>\$163,069,372.70</u>

VALUATION BALANCE SHEET

of

STATE EMPLOYEES' RETIREMENT SYSTEM

as of

MAY 31, 1952

ACCOUNT BALANCES AND PRESENT VALUE OF FUTURE APPROPRIATIONS

Member's Annuity Savings Account.....	\$ 63,242,052.61
Member's Annuity Reserve Account.....	6,260,644.21
State Annuity Reserve Account #2.....	7,159,106.91
Contingent Reserve Account.....	\$27,264,531.66
LESS - Adjustment.....	<u>26,598.39</u>
	27,237,933.27
State Annuity Reserve Account.....	\$ 3,102,221.61
PLUS - Adjustment.....	<u>26,598.39</u>
	3,128,820.00
Annuities due and unpaid.....	24,469.72
Reserve for outstanding checks.....	1,935.62
Pennsylvania State Police Benefit Account.....	3,042,237.75
Pennsylvania State Police Member's Annuity Reserve Account.....	<u>405,282.00</u>
Total Account Balances.....	\$110,502,482.09
 <u>Present Value of Future Appropriations -</u>	
State Annuity Reserve Account #2.....	\$19,785,805.09
Contingent Reserve Account.....	<u>32,614,662.73</u>
Total.....	\$52,400,467.82
Member's Annuity Reserve Required.....	\$6,427,067.00
Member's Annuity Reserve Account Balance.....	<u>6,260,644.21</u>
Excess of Required Reserve over Account Balance Member's Annuity Reserve Account.....	<u>166,422.79</u>
Total Present Value of Future Appropriations.....	<u>52,566,890.61</u>
Total account balances and present value of future appropria- tions.....	<u>\$163,069,372.70</u>

ACTUARIAL RESERVES AND OTHER LIABILITIES

Member's Annuity Savings Account

Present value of benefits on account of which
salary deductions have been accumulated.....\$63,242,052.61

Member's Annuity Reserve Account

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

Superannuation.....\$4,769,655.00
Disability..... 482,250.00
Withdrawal..... 1,175,162.00

Total..... 6,427,067.00

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..... \$17,551,481.00
Disability..... 104,322.00
Withdrawal - active... 100,199.00
Withdrawal - inactive. 90,928.00 \$17,846,930.00

(b) Now on annuity roll because of:

Superannuation..... \$ 6,919,084.00
Disability..... 242,788.00
Withdrawal..... 1,936,110.00 9,097,982.00

Total..... 26,944,912.00

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.....	\$54,281,315.00
Disability.....	2,554,046.00
Withdrawal - active.....	2,863,198.00
Withdrawal - inactive.....	<u>154,037.00</u>

Total.....\$ 59,852,596.00

State Annuity Reserve Account

Present value of state annuities payable
to new members:

Now on annuity roll because of:

Superannuation.....	\$ 1,762,496.00
Disability.....	979,824.00
Withdrawal.....	<u>386,500.00</u>

Total..... 3,128,820.00

Pennsylvania State Police Account

Total..... 3,447,519.75

Other Liabilities

Annuities and refunds under Option 1

due and unpaid.....	\$ 24,469.72
Reserve for outstanding checks.....	<u>1,935.62</u>

Total.....26,405.34

Total actuarial reserves and other liabilities.....\$163,069,372.70

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 \$63,242,052.61 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>
1948.....	\$34,432,458.78
1949.....	40,585,518.58
1950.....	49,318,058.58
1951.....	56,484,288.72
1952.....	63,242,052.61

It is of interest to note that during the last four-year period this account balance increased by \$28,809,593.83.

Member's Annuity Reserve Account

The present value of members' annuities payable to members now on the annuity roll because of superannuation amounts to \$4,769,655.00; for disability, \$482,250.00; and for withdrawal, \$1,175,162.00; or a total of \$6,427,067.00. The balance in the Member's Annuity Reserve Account as of May 31, 1952 was \$6,260,644.21, and as shown above the calculated actuarial reserve for the outstanding members' annuities as of the same date amounted to \$6,427,067.00. Therefore, the required reserve is greater than the account balance by \$166,422.79. 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:

<u>Year</u>	<u>Required reserves</u>	<u>Account balance before adjustment</u>	<u>Adjustment to account balance</u>
1948.....	\$4,050,547.00	\$3,920,446.18	(+) \$ 130,100.82
1949.....	4,215,184.00	4,224,031.76	(-) 8,847.76
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

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.....	\$17,846,930.00
(b) Now on annuity roll.....	9,097,982.00
<u>Total.....</u>	<u>\$26,944,912.00</u>

The balance in the State Annuity Reserve Account #2 available for meeting these reserves is \$7,159,106.91 so that \$19,785,805.09 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 the future appropriations as of the close of each of the last five fiscal years are as follows:

<u>Year</u>	<u>Reserve for future annuities</u>	<u>Reserve for present annuities</u>	<u>Total</u>	<u>Account balance</u>	<u>Present value of future appropriations</u>
1948	\$10,154,717	\$6,997,520	\$17,152,237	\$5,361,769.44	\$11,790,467.56
1949	11,000,397	6,950,048	17,950,445	5,470,169.16	12,480,275.84
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

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

Contingent Reserve Account

The present value of the future annuities payable to new members not yet on the annuity roll is \$59,852,596.00.

The balance in the Contingent Reserve Account available for meeting these reserves is \$27,264,531.66, less an adjustment item of \$26,598.39 transferred from this account to the State Annuity Reserve Account or a balance after adjustment of \$27,237,933.27, so that \$32,614,662.73 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 year:

<u>Year</u>	<u>Reserve for future annuities</u>	<u>Account balance after adjustment</u>	<u>Present value of future appropriations</u>
1948.....	\$28,203,397.00	\$13,591,684.34	\$14,611,712.66
1949.....	33,702,922.00	15,626,692.90	18,076,229.10
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

*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, 1952 amounted to \$3,128,820.00. The balance in the State Annuity Reserve Account as of May 31, 1952 was \$3,102,221.61. The excess of the required reserves amounting to \$26,598.39, 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>
1948.....	\$1,310,311.00	\$1,212,188.96	(+) \$ 98,122.04
1949.....	1,499,149.00	1,530,222.18	(-) 31,073.18
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

Pennsylvania State Police 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 Account Balances and the reserve for annuitants now on the roll for each fund as of May 31, 1952.

	<u>Account balance</u>	<u>Reserve for present annuities</u>	<u>Balance for future annuities</u>
Benefit Account.....	\$3,042,237.75	\$1,692,853.00	\$1,349,384.75
Member's Annuity Reserve Account.....	<u>405,282.00</u>	<u>405,282.00</u>	<u>-</u>
Total.....	<u>\$3,447,519.75</u>	<u>\$2,098,135.00</u>	<u>\$1,349,384.75</u>

The Member's Annuity Reserve Account balance of \$398,481.92 was increased by transfer of \$6,800.08 from the Benefit Account to bring it up to the amount of the required reserve, \$405,282.00. The balance available for future annuities increased to \$1,349,384.75 from the corresponding balance of \$342,016.42 as of May 31, 1951. This increase was due to the casualty premium tax allocations received during the fiscal year ending May 31, 1952.

Remaining Account Balances

The item of \$24,469.72 represents refunds under Option 1 and annuity payments due and unpaid.

The item of \$1,935.62 is the reserve for outstanding checks.

Schedule of Membership as of May 31, 1952

The following schedules of the membership as of May 31, 1952 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 1952 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 the 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:

	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
Regular State Employees.....	11	\$64,116	6	\$14,664
Pennsylvania State Police.....	2	20,670	-	-
Total.....	13	\$84,786	6	\$14,664

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:

	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
Regular State Employees.....	817	\$4,367,505	312	\$1,011,562
Pennsylvania State Police.....	33	172,714	-	-
Transferred from State Employees' Retirement Fund under Acts #560 and #561.....	101	572,138	76	339,451
General Assembly.....	90	269,970	6	19,243
Law Examiners.....	4	21,000	-	-
Total.....	1,045	\$5,403,327	394	\$1,370,256

In Schedule C, there is a summary of the two preceding schedules showing that there still remain in active service 1,458 original members with total salaries of \$6,873,033.00 and an average salary of \$4,714 as compared with \$4,339 for the preceding year.

In Schedule D, there is shown a distribution of the 1,458 original members according to the years of prior service. It is of interest to note that there still remains in active service, one original member with 29 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.....	158	\$632,770	69	\$187,636
Mental Institutions.....	1	3,198	1	2,490
Pennsylvania State Police.....	6	25,212	-	-
Unemployment Compensation.....	3	15,054	-	-
Total.....	168	\$676,234	70	\$190,126

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.....	15,475	\$ 54,850,220	9,895	\$25,281,005
Public Assistance.....	969	3,204,006	2,637	7,735,196
Pennsylvania State Police.....	1,805	6,350,448	82	187,930
Unemployment Compensation.....	1,342	5,114,388	1,890	5,437,485
Delaware River Joint Commission	143	540,219	3	9,744
Delaware River Joint Toll				
Bridge Commission (free).....	141	394,377	6	11,940
Delaware River Joint Toll				
Bridge Commission (toll).....	31	128,800	4	7,912
Mental Institutions.....	939	2,833,102	1,370	3,436,873
General Assembly.....	70	246,937	11	34,498
Turnpike Commission.....	701	2,630,822	46	139,525
Rural Child Welfare.....	11	53,466	58	189,585
Highway (per diem).....	4,873	11,173,967	84	180,543
Vocational education.....	69	296,256	50	129,006
Transferred to State Employes'				
Retirement Fund under Acts #560				
and #561.....	225	1,019,138	145	587,324
General State Authority.....	140	604,158	41	109,740
Total.....	26,934	\$89,440,304	16,322	\$43,478,306

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, 1952 was 43,494. The total salaries were \$133,784,970, an average salary of \$3,076 as compared with \$2,806 for the preceding year.

The total members and the total salaries as of May 31, 1952 were distributed as follows:

	<u>Number</u>	<u>Salary</u>
Regular State Employes.....	25,597	\$ 80,951,631
Public Assistance.....	3,606	10,939,202
Pennsylvania State Police.....	1,893	6,563,590
Unemployment Compensation.....	3,235	10,566,927
Delaware River Joint Commission.....	146	549,963
Delaware River Joint Toll Bridge Commission (free)	147	406,317
Delaware River Joint Toll Bridge Commission (toll)	35	136,712
Mental Institutions.....	2,310	6,273,173
General Assembly.....	81	281,435
Turnpike Commission.....	747	2,770,347
Rural Child Welfare.....	69	243,051
Highway (per diem).....	4,958	11,357,000
Vocational Education.....	119	425,262
Transferred from State Employes' Retirement Fund under Acts #560 and #561.....	370	1,606,462
General State Authority.....	<u>181</u>	<u>713,898</u>
Total.....	<u>43,494</u>	<u>\$133,784,970</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. 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 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 numbers 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 amounts of members' annuities and State annuities.

In Schedule K (Part 2), there are shown for original and new members, withdrawal annuities 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 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, 1952 whether superannuation, disability or withdrawal and whether being paid to original members or new members.

The total number of original members on the annuity roll as of May 31, 1952 was 1,295 receiving \$465,008.54 in members' annuities and \$1,089,592.64 in State annuities, a total of \$1,554,601.18.

The total number of new members on the annuity roll as of May 31, 1952 was 979 receiving \$269,546.05 in members' annuities and \$381,048.69 in State annuities, a total of \$650,594.74.

The combined number of new and original members on the annuity roll as of May 31, 1952 was 2,274 receiving \$734,554.59 in members' annuities and \$1,470,641.33 in State annuities, a total of \$2,205,195.92.

In Schedule M, there is shown for comparison the outstanding membership both active and annuitant as of May 31, 1948; May 31, 1949; May 31, 1950; May 31, 1951 and May 31, 1952.

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1952

(SCHEDULE I)

Attained Age 1952	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
46	-	-	1	\$ 2,760
52	1	\$ 2,544	-	-
53	2	21,672	2	4,320
54	1	5,334	-	-
55	1	3,870	-	-
57	-	-	1	2,562
60	1	5,334	-	-
61	1	5,670	-	-
62	1	4,596	-	-
64	1	9,000	1	2,562
67	1	3,762	-	-
71	2	20,136	-	-
72	-	-	1	2,460
73	1	2,868	-	-
Total	<u>13</u>	<u>\$84,786</u>	<u>6</u>	<u>\$14,664</u>

Superannuation Annuity 1/160th basis

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1952

(SCHEDULE II)

Attained Age 1952	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
40	1	\$ 3,000	-	-
41	1	3,000	-	-
43	1	3,672	-	-
44	5	15,000	-	-
45	8	37,082	9	\$ 29,256
46	5	19,884	10	31,159
47	10	33,394	14	44,532
48	24	105,968	13	36,240
49	26	122,562	19	60,507
50	31	142,838	11	40,414
51	39	175,457	15	52,038
52	60	300,134	12	44,709
53	41	190,850	19	67,321
54	63	294,353	29	99,092
55	50	251,304	23	78,781
56	51	258,771	17	60,276
57	62	326,173	18	55,128
58	51	287,781	18	65,385
59	67	362,632	17	64,386
60	61	334,848	17	62,953
61	57	303,705	23	94,248
62	52	271,493	19	70,617
63	46	214,217	11	41,595
64	38	195,380	12	42,726
65	31	166,428	18	60,121
66	23	129,891	9	28,917
67	30	162,172	13	41,481
68	8	37,536	4	18,054
69	16	85,510	5	14,723
70	13	108,098	5	16,476
71	14	79,928	5	17,519
72	9	36,018	3	11,964
73	14	99,893	2	6,126
74	9	55,064	1	2,352
75	6	56,222	1	2,262
76	6	44,514	1	3,762
77	4	17,771	1	5,136
78	5	36,174	-	-
79	1	3,150	-	-
80	4	21,656	-	-
82	2	9,804	-	-
Total	<u>1,045</u>	<u>\$5,403,327</u>	<u>394</u>	<u>\$1,370,256</u>

Superannuation Annuity 1/100th basis

SCHEDULE B

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1952

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.....	13	\$ 84,786				
Female....	<u>6</u>	<u>14,664</u>				
Total.....			19	\$ 99,450		
<u>SCHEDULE II</u>						
Male.....	1,045	\$5,403,327				
Female....	<u>394</u>	<u>1,370,256</u>				
Total.....			<u>1,439</u>	<u>6,773,583</u>		
TOTAL - ORIGINAL MEMBERS.....					<u>1,458</u>	<u>\$6,873,033</u>
Average Salary.....						<u>\$4,714</u>

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1952

PRIOR SERVICE

Years of Service	SCHEDULE I		SCHEDULE II		Total Number
	Male	Female	Male	Female	
Less than 1 year	1	3	201	81	286
1 year	1	1	83	44	129
2 years	1	-	100	37	138
3 "	1	-	122	43	166
4 "	2	2	122	45	171
5 "	3	-	61	30	94
6 "	1	-	60	24	85
7 "	1	-	56	16	73
8 "	-	-	45	12	57
9 "	1	-	26	9	36
10 "	-	-	48	9	57
11 "	-	-	27	8	35
12 "	-	-	28	6	34
13 "	-	-	11	7	18
14 "	-	-	12	5	17
15 "	-	-	15	4	19
16 "	-	-	6	3	9
17 "	-	-	7	3	10
18 "	1	-	6	4	11
19 "	-	-	2	1	3
20 "	-	-	1	-	1
21 "	-	-	1	1	2
22 "	-	-	-	2	2
23 "	-	-	1	-	1
24 "	-	-	3	-	3
29 "	-	-	1	-	1
Total	<u>13</u>	<u>6</u>	<u>1,045</u>	<u>394</u>	<u>1,458</u>

SCHEDULE I - Superannuation Annuity 1/160th basis

SCHEDULE II - Superannuation Annuity 1/100th basis

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1952

(SCHEDULE I)

<u>Attained Age 1952</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>
28	-	-	1	\$ 2,970
36	-	-	1	2,568
37	-	-	1	2,136
38	2	\$ 7,092	1	1,968
40	4	14,448	-	-
41	9	62,604	-	-
42	8	31,662	2	6,024
43	5	16,650	5	15,546
44	12	46,488	2	5,124
45	11	36,378	2	5,484
46	8	36,920	1	2,154
47	8	33,192	5	11,448
48	5	17,052	5	15,264
49	5	18,834	3	10,362
50	7	29,814	-	-
51	4	16,668	4	10,338
52	6	22,278	1	2,562
53	10	45,450	4	11,850
54	3	14,790	1	2,274
55	4	14,040	2	5,268
56	9	31,642	2	4,806
57	5	21,556	2	6,258
58	6	24,084	4	11,808
59	4	13,476	3	6,558
60	5	19,032	5	14,344
61	5	18,234	1	2,364
62	2	8,082	5	14,742
63	6	18,144	1	2,160
64	4	16,140	-	-
65	2	6,720	2	4,002
66	2	5,670	1	2,562
67	1	7,590	-	-
69	2	7,020	-	-
71	1	2,670	1	2,808
72	1	6,354	1	2,112
74	1	2,802	-	-
75	-	-	1	2,262
81	1	2,658	-	-
Total	168	\$676,234	70	\$190,126

Superannuation Annuity - 1/160th basis

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1952

(SCHEDULE II)

Attained Age 1952	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
16	1	\$ 1,818	-	-
17	14	26,669	16	\$ 29,567
18	84	174,221	173	347,607
19	159	341,211	326	670,587
20	181	400,318	412	869,174
21	221	485,706	449	998,144
22	255	584,166	505	1,200,448
23	361	855,035	453	1,106,897
24	487	1,219,893	471	1,183,410
25	573	1,517,597	422	1,059,305
26	588	1,632,329	354	912,635
27	641	1,835,219	333	865,209
28	619	1,813,885	343	902,049
29	601	1,825,471	338	862,157
30	574	1,705,788	341	869,338
31	601	1,888,499	376	992,505
32	549	1,705,502	354	919,487
33	596	1,828,684	346	914,094
34	578	1,783,662	327	854,529
35	615	1,976,982	358	948,691
36	694	2,262,279	391	1,040,207
37	740	2,405,571	446	1,226,024
38	821	2,734,749	452	1,264,277
39	809	2,696,062	507	1,413,157
40	793	2,599,184	468	1,296,552
41	871	2,960,296	507	1,432,593
42	866	3,006,102	422	1,187,242
43	845	2,929,742	475	1,322,084
44	906	3,181,120	486	1,360,713
45	879	3,115,205	494	1,352,849
46	815	2,927,215	467	1,277,967
47	812	2,873,096	444	1,230,963
48	782	2,785,506	360	1,006,745
49	806	2,809,177	422	1,124,188
50	652	2,252,797	340	961,390
51	676	2,326,315	359	1,029,502
52	630	2,190,944	354	988,700
53	638	2,235,789	297	824,364
54	540	2,032,020	255	726,982
55	510	1,967,975	240	702,483
56	523	1,885,776	250	730,198
57	434	1,643,961	201	597,844

Superannuation Annuity 1/100th basis

SCHEDULE F
(Part 1)

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1952

(SCHEDULE II)

Attained Age 1952	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
58	374	\$ 1,359,860	183	\$ 533,371
59	362	1,431,399	176	526,748
60	265	1,035,501	110	324,496
61	255	973,680	116	336,229
62	207	807,504	106	292,355
63	193	700,939	56	153,096
64	175	670,740	47	141,255
65	135	601,849	42	131,536
66	96	324,166	43	114,744
67	114	446,493	28	85,482
68	98	403,749	22	65,436
69	74	281,928	25	83,680
70	47	156,242	10	26,082
71	44	183,740	8	18,948
72	40	171,977	9	21,672
73	31	118,769	1	2,760
74	24	82,708	1	3,054
75	18	59,818	1	2,262
76	15	69,576	3	9,939
77	9	34,032	1	2,304
78	7	24,766	-	-
79	4	38,510	-	-
80	2	5,256	-	-
81	4	10,850	-	-
83	2	14,262	-	-
84	1	2,364	-	-
85	2	6,090	-	-
Total	26,934	\$89,440,304	16,322	\$43,478,306

Superannuation Annuity 1/100th basis

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1952

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	\$ 16,666	2	\$ 4,914	6	\$ 21,580
1926	9	34,788	7	21,366	16	56,154
1927	2	5,712	4	9,546	6	15,258
1928	10	37,626	6	17,470	16	55,096
1929	8	32,262	10	27,942	18	60,204
1930	11	43,034	6	15,642	17	58,676
1931	2	9,114	5	12,648	7	21,762
1932	4	13,884	4	9,318	8	23,202
1933	3	11,604	3	8,910	6	20,514
1934	55	216,642	7	19,248	62	235,890
1935	11	43,242	5	13,800	16	57,042
1936	33	148,048	7	18,108	40	166,156
1937	14	54,960	4	11,214	18	66,174
1938	2	8,652	-	-	2	8,652
<u>SCHEDULE I</u> <u>Total</u>	<u>168</u>	<u>\$676,234</u>	<u>70</u>	<u>\$190,126</u>	<u>238</u>	<u>\$866,360</u>

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1952

BY FISCAL YEAR OF ISSUE

(SCHEDULE II)

Entrants	M A L E		F E M A L E		T O T A L	
	Number	Total Salary	Number	Total Salary	Number	Total Salary
1925	205	\$ 835,054	60	\$ 203,967	265	\$ 1,039,021
1926	191	838,161	67	234,026	258	1,072,187
1927	225	1,019,916	67	231,556	292	1,251,472
1928	269	1,212,753	81	252,583	350	1,465,336
1929	301	1,283,768	85	290,839	386	1,574,607
1930	360	1,522,792	138	441,733	498	1,964,525
1931	269	1,139,495	133	420,749	402	1,560,244
1932	298	1,301,859	98	319,318	396	1,621,177
1933	186	757,354	172	595,842	358	1,353,196
1934	729	3,022,768	329	1,097,416	1,058	4,120,184
1935	326	1,432,004	273	898,835	599	2,330,839
1936	630	2,594,651	206	624,787	836	3,219,438
1937	707	2,830,474	219	704,919	926	3,535,393
1938	1,107	4,505,710	588	1,989,536	1,695	6,495,246
1939	1,037	4,005,855	618	1,976,327	1,655	5,982,182
1940	1,099	4,175,900	496	1,429,418	1,595	5,605,318
1941	811	2,951,228	475	1,392,962	1,286	4,344,190
1942	997	3,445,500	498	1,401,786	1,495	4,847,286
1943	700	2,265,425	527	1,454,444	1,227	3,719,869
1944	1,370	3,813,882	574	1,555,059	1,944	5,368,941
1945	491	1,490,244	386	1,050,538	877	2,540,782
1946	992	3,410,782	794	2,076,549	1,786	5,487,331
1947	1,583	5,209,235	1,147	3,076,220	2,730	8,285,455
1948	2,932	7,987,803	1,023	2,611,873	3,955	10,599,676
1949	1,704	5,084,610	1,288	3,206,520	2,992	8,291,130
1950	2,464	7,491,451	1,777	4,327,661	4,241	11,819,112
1951	1,848	7,961,057	2,138	4,908,474	4,986	12,869,531
1952	2,103	5,850,573	2,065	4,704,369	4,168	10,554,942
SCHEDULE II						
Total	26,934	\$89,440,304	16,322	\$43,478,306	43,256	\$132,918,610
SCHEDULE I						
Total	168	676,234	70	190,126	238	866,360
TOTAL	27,102	\$90,116,538	16,392	\$43,668,432	43,494	\$133,784,970

SCHEDULE G
(Part 2)

SUPERANNUATION ANNUITIES - AS OF MAY 31, 1952

ORIGINAL MEMBERS

Obtained Age 1952	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
50	1	\$ 324.18	\$ 1,806.55	-	-	-
52	2	583.59	3,314.10	-	-	-
53	3	847.00	4,343.27	-	-	-
54	1	226.60	1,319.64	-	-	-
55	4	1,133.51	5,567.36	-	-	-
56	1	308.52	1,435.85	-	-	-
57	3	930.14	4,055.12	-	-	-
58	4	1,156.41	3,783.85	-	-	-
59	2	1,036.71	3,288.14	-	-	-
60	9	4,005.88	10,749.02	3	\$ 1,488.22	\$ 3,126.80
61	8	3,621.41	10,357.25	2	939.67	3,544.51
62	17	6,721.02	20,304.22	2	512.17	1,395.58
63	26	16,049.03	38,957.68	5	1,792.48	5,246.53
64	20	11,269.04	30,804.65	7	2,912.26	7,482.63
65	22	12,736.04	28,374.94	11	4,140.39	10,687.47
66	18	10,416.05	22,352.80	11	5,478.18	11,296.48
67	17	12,554.92	28,908.93	18	7,823.15	14,943.45
68	26	17,960.72	41,274.72	14	5,967.40	10,912.47
69	21	10,853.33	21,227.22	9	4,390.06	7,757.38
70	25	16,021.65	32,529.79	4	1,547.02	2,286.28
71	33	26,745.44	52,358.66	17	6,324.79	12,635.43
72	32	22,636.50	35,758.87	5	2,045.78	3,361.82
73	21	13,225.48	19,530.21	13	4,072.02	6,892.29
74	11	5,473.14	9,582.55	8	2,788.49	6,448.90
75	19	10,683.80	17,351.39	11	3,086.48	6,053.16
76	27	13,157.82	26,725.73	12	3,012.71	5,630.19
77	23	9,772.46	21,335.94	9	2,314.21	5,650.96
78	16	3,979.44	11,935.96	9	2,745.27	7,554.69
79	18	7,879.54	18,020.36	10	2,986.11	4,755.60
80	19	10,541.71	22,486.66	8	1,271.04	4,425.11
81	20	8,274.94	16,471.28	6	1,183.71	3,517.08
82	16	3,319.17	11,563.28	8	2,189.49	6,015.57
83	11	2,872.67	16,703.68	7	898.03	2,162.54
84	14	5,832.42	15,865.56	2	243.97	995.87
85	7	455.70	9,263.56	3	428.44	2,609.78
86	12	2,746.75	8,741.86	4	279.25	1,555.69
87	4	1,077.90	9,299.17	1	105.19	69.04
88	1	14.60	243.77	1	56.27	76.15
89	-	-	-	1	1,409.47	440.91
90	1	0.76	-	-	-	-
91	-	-	-	1	4.39	660.00
92	3	475.52	2,403.92	-	-	-
97	-	-	-	1	61.64	168.60
99	1	1.38	458.40	-	-	-
101	1	682.06	1,776.07	-	-	-
Total	540	\$278,604.95	\$643,293.58	223	\$74,497.75	\$160,358.96

SUPERANNUATION ANNUITIES - AS OF MAY 31, 1952

NEW MEMBERS

Attained Age 1952	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
50	3	\$ 892.97	\$ 4,628.72	-	-	-
51	4	1,121.08	5,771.21	-	-	-
52	1	207.87	1,039.44	-	-	-
53	3	788.94	4,392.82	-	-	-
54	3	899.47	4,697.42	-	-	-
55	6	1,918.55	8,663.09	-	-	-
56	2	449.11	2,062.52	-	-	-
57	2	435.06	1,319.42	-	-	-
60	6	2,106.99	2,969.34	4	\$ 1,315.76	\$ 2,075.20
61	9	2,914.04	3,736.24	14	4,020.07	6,010.40
62	14	4,537.01	6,075.65	10	2,677.20	3,624.77
63	21	6,155.86	9,072.26	8	1,993.81	3,041.17
64	17	4,644.58	6,039.08	12	3,473.32	4,871.41
65	25	9,212.98	10,930.39	15	4,098.22	4,984.93
66	28	9,379.71	10,994.54	8	2,765.72	4,897.18
67	26	14,858.78	15,731.71	11	1,908.37	3,091.78
68	24	6,525.92	7,500.43	17	4,746.21	5,313.80
69	20	8,730.79	7,788.23	9	1,874.46	1,861.95
70	20	5,708.35	5,088.31	12	1,865.62	1,783.77
71	27	15,244.35	13,031.89	11	2,277.82	2,001.16
72	27	10,055.02	7,537.99	16	4,583.92	3,928.70
73	19	3,633.39	3,100.86	5	1,540.14	1,237.51
74	16	5,532.89	3,888.43	6	1,101.13	925.86
75	15	8,149.82	5,660.98	5	1,118.31	903.93
76	8	2,490.18	1,591.62	3	719.99	617.65
77	11	1,767.00	1,330.58	2	221.69	185.64
78	16	4,211.84	2,630.74	4	1,021.48	649.78
79	9	3,710.22	2,300.32	3	1,824.24	1,035.24
80	4	7,765.94	2,883.23	1	200.74	184.69
81	3	456.38	319.38	-	-	-
82	5	1,611.38	946.60	2	333.67	242.97
83	1	150.58	63.69	-	-	-
85	1	355.16	199.04	-	-	-
87	1	105.32	66.00	1	62.52	39.87
Total	397	\$146,727.53	\$164,052.17	179	\$ 45,744.41	\$ 53,512.36
Original Members - SCHEDULE H (Part 1)	540	278,604.95	643,293.58	223	74,497.75	160,358.96
TOTAL	937	\$425,332.48	\$807,345.75	402	\$120,242.16	\$213,871.32

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

ORIGINAL MEMBERS

Attained Age 1952	F E M A L E		
	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>
49	1	\$ 70.76	\$ 173.56
50	1	30.33	1,721.25
53	1	46.51	232.96
54	1	89.44	131.35
58	1	222.51	612.63
59	2	604.99	993.90
60	2	210.16	2,167.86
61	4	971.77	2,073.68
64	2	339.13	2,621.57
65	3	3,972.58	4,501.53
66	5	2,608.72	5,524.77
67	4	1,145.50	2,329.52
68	2	430.54	1,510.19
69	5	1,004.73	2,970.09
70	1	74.44	291.53
71	2	294.41	974.21
72	2	218.26	1,337.27
73	2	179.22	791.08
74	4	4,519.80	4,025.99
75	9	1,473.55	7,270.38
76	4	891.71	2,350.93
77	4	812.71	5,668.08
78	6	502.34	2,810.25
79	4	664.76	4,021.05
80	6	941.97	1,787.23
81	3	294.91	658.17
82	4	234.76	6,714.23
83	2	171.22	544.80
84	4	100.37	1,451.36
85	1	1.94	850.10
86	2	5.79	4,072.26
87	2	345.52	2,355.29
88	2	145.56	1,179.32
89	2	78.89	705.52
90	1	1.18	233.18
92	2	9.66	1,219.89
Total	103	\$23,710.64	\$78,876.98
		<u>M A L E</u>	
79	<u>1</u>	<u>10.64</u>	<u>2,494.55</u>
Total	104	\$23,721.28	\$81,371.53

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

NEW MEMBERS

Attained Age 1952	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
43	-	-	-	1	\$ 573.27	\$ 273.57
45	1	\$ 79.10	\$ 76.22	-	-	-
56	-	-	-	1	558.39	826.41
57	-	-	-	1	195.76	181.58
58	-	-	-	1	236.24	174.12
61	-	-	-	2	228.60	238.96
62	1	172.54	320.19	-	-	-
63	-	-	-	1	448.59	408.86
64	-	-	-	1	482.91	431.45
65	-	-	-	3	1,026.27	1,089.71
66	-	-	-	1	161.27	210.13
67	-	-	-	1	110.86	91.78
68	-	-	-	1	233.99	299.52
69	-	-	-	1	378.71	473.25
70	-	-	-	2	600.22	1,326.25
72	-	-	-	1	90.76	71.30
73	-	-	-	3	695.94	406.66
75	-	-	-	1	361.82	212.94
77	-	-	-	1	179.32	149.56
79	-	-	-	1	240.10	170.21
Total	2	\$ 251.64	\$ 396.41	24	\$ 6,803.02	\$ 7,036.26
Original Members - SCHEDULE I (Part 1)	<u>1</u>	<u>10.64</u>	<u>2,494.55</u>	<u>103</u>	<u>23,710.64</u>	<u>78,876.98</u>
Original and New Members - Total	3	\$ 262.28	\$ 2,890.96	127	\$ 30,513.66	\$ 85,913.24
SCHEDULE H	<u>924</u>	<u>413,664.15</u>	<u>812,566.75</u>	<u>401</u>	<u>119,459.48</u>	<u>212,924.56</u>
TOTAL	<u>927</u>	<u>\$413,926.43</u>	<u>\$815,457.71</u>	<u>528</u>	<u>\$149,973.14</u>	<u>\$298,837.80</u>

DISABILITY ANNUITIES - AS OF MAY 31, 1952

ORIGINAL MEMBERS

Attained Age 1952	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
43	-	-	-	1	\$ 81.30	\$ 589.87
44	-	-	-	1	109.35	332.62
45	-	-	-	1	80.32	337.22
46	-	-	-	1	41.30	290.45
48	-	-	-	2	152.72	709.12
50	-	-	-	3	299.61	984.15
51	3	\$ 609.31	\$ 1,044.99	2	251.07	521.30
52	2	698.47	1,143.77	-	-	-
53	5	1,059.48	2,305.47	2	532.57	1,023.80
54	1	154.16	359.10	1	68.12	371.22
55	2	251.12	680.51	1	163.71	22.11
56	4	672.12	2,190.61	-	-	-
58	-	-	-	1	161.39	205.66
59	1	331.28	382.72	1	115.00	239.00
60	-	-	-	1	158.00	302.86
61	1	15.96	-	-	-	-
62	1	535.20	964.80	1	162.86	217.96
63	2	189.54	751.11	-	-	-
64	3	892.96	1,584.69	1	107.98	214.43
65	1	22.85	247.15	1	372.06	153.39
66	1	599.35	618.84	5	694.70	1,295.98
67	-	-	-	1	56.03	213.97
69	1	421.55	442.45	-	-	-
71	2	597.76	965.32	1	185.33	259.27
72	1	225.36	154.40	2	235.15	239.25
74	2	357.76	710.76	-	-	-
75	1	223.41	198.19	1	29.40	347.01
78	-	-	-	1	272.76	474.08
Total	34	\$7,857.64	\$14,744.88	32	\$4,330.73	\$9,344.72

DISABILITY ANNUITIES - AS OF MAY 31, 1952

NEW MEMBERS

Attained Age 1952	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
31	-	-	-	1	\$ 56.53	\$ 452.04
32	1	\$ 72.87	\$ 533.61	1	33.06	372.27
34	2	88.89	1,113.68	-	-	-
35	-	-	-	1	62.96	455.67
36	2	218.76	1,406.37	1	90.04	601.49
37	1	65.96	525.34	3	231.85	1,456.16
38	1	112.78	744.61	3	189.57	1,475.62
39	-	-	-	3	135.12	401.75
41	4	471.51	2,276.45	3	233.02	597.55
42	3	503.98	1,970.10	3	281.10	962.79
43	4	833.97	4,080.65	4	402.88	2,008.51
44	5	745.21	3,659.28	3	456.37	1,877.63
45	6	826.66	3,087.74	3	371.68	1,563.03
46	4	574.21	2,031.44	3	453.89	1,503.12
47	5	1,348.74	4,817.78	4	142.77	1,246.04
48	7	1,376.90	5,146.49	2	189.68	481.72
49	3	617.09	2,022.78	5	611.53	2,292.25
50	2	242.61	1,209.40	3	381.50	1,137.14
51	2	780.85	1,979.25	1	132.41	454.86
52	7	1,287.04	3,763.31	3	542.76	1,433.27
53	8	1,371.39	3,831.76	2	158.45	951.55
54	5	690.40	2,387.17	2	259.77	626.01
55	5	758.51	2,571.01	6	586.20	2,074.49
56	8	1,785.99	3,965.45	4	465.03	1,355.12
57	12	3,787.61	6,988.65	1	235.87	387.92
58	6	1,091.74	2,737.01	1	82.14	339.51
59	7	1,766.33	2,520.58	4	710.85	1,274.27
60	7	1,713.79	2,642.70	2	142.21	507.65
61	7	1,200.07	2,364.97	4	604.07	981.38
62	1	248.15	422.85	1	179.38	256.17
63	2	1,593.02	1,286.98	2	182.49	300.14
64	4	860.49	1,547.33	2	237.95	459.12
65	-	-	-	2	209.36	395.80
68	1	757.62	757.02	1	256.62	240.99
69	2	490.19	425.18	-	-	-
70	-	-	-	2	80.93	124.67
74	1	147.61	193.19	-	-	-
76	1	49.21	84.19	-	-	-
Total	136	\$28,480.15	\$75,094.32	86	\$ 9,390.04	\$31,047.70
Original Members - SCHEDULE J (Part 1)	34	7,857.64	14,714.88	32	4,330.73	9,344.72
TOTAL	170	\$36,337.79	\$89,839.20	118	\$13,720.77	\$40,392.42

WITHDRAWAL ANNUITIES - AS OF MAY 31, 1952

ORIGINAL MEMBERS

Attained Age 1952	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
42	1	\$ 14.69	\$ 58.76	-	-	-
46	2	56.94	232.92	4	\$ 213.38	\$ 129.94
47	-	-	-	3	174.08	145.76
48	1	261.29	182.14	2	315.45	411.97
49	1	47.41	143.87	2	332.18	441.22
50	5	977.67	1,508.56	3	271.08	276.15
51	8	1,594.96	4,677.80	3	401.31	476.85
52	5	804.09	1,831.52	4	592.52	850.80
53	2	217.08	229.43	7	1,152.78	2,655.21
54	6	1,264.18	2,682.47	3	516.13	575.43
55	7	1,291.69	1,666.76	2	165.63	244.50
56	9	3,178.84	5,354.79	6	658.57	848.77
57	3	1,302.67	2,037.80	2	1,015.56	2,145.78
58	8	2,346.76	3,865.94	7	1,048.17	2,724.75
59	12	2,930.57	5,563.89	8	1,689.56	4,967.49
60	8	1,961.85	3,913.97	8	2,085.04	6,486.08
61	9	2,650.73	6,084.05	3	307.69	342.80
62	9	2,254.92	5,108.55	4	996.90	1,983.68
63	8	2,792.12	6,399.41	4	630.61	1,129.03
64	5	1,657.65	3,721.23	7	1,190.42	2,454.55
65	9	1,820.74	4,015.96	5	640.24	836.67
66	6	1,108.23	2,832.74	6	919.94	1,668.94
67	7	3,556.93	7,459.40	2	306.00	680.76
68	15	3,705.50	9,187.47	7	1,075.05	2,357.22
69	12	1,945.69	8,149.17	2	557.53	676.60
70	6	1,083.10	2,834.02	6	620.57	1,577.41
71	17	2,675.45	10,646.76	5	569.61	1,491.09
72	9	1,614.39	6,909.69	9	1,592.81	3,683.91
73	6	1,522.36	3,788.34	2	400.00	1,130.04
74	4	1,281.09	3,255.83	5	685.38	2,697.54
75	3	481.77	2,874.08	3	476.66	1,157.23
76	4	835.91	2,592.49	4	532.96	1,742.30
77	2	217.95	806.76	1	84.20	167.21
78	2	260.17	1,083.07	1	11.18	100.92
79	1	176.29	624.82	-	-	-
Total	212	\$49,891.68	\$122,324.46	140	\$22,229.19	\$49,258.60

WITHDRAWAL ANNUITIES - AS OF MAY 31, 1952

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

ORIGINAL MEMBERS

<u>Attained Age 1952</u>	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>
	<u>F E M A L E</u>		
48	1	\$ 421.85	\$ 855.47
55	1	114.01	194.41
57	1	792.38	1,719.43
58	1	442.06	868.29
59	1	756.77	1,196.94
62	1	177.79	789.85
63	1	367.68	704.48
64	1	174.22	483.60
66	1	377.96	1,037.68
	<hr/>	<hr/>	<hr/>
Total	9	\$3,624.72	\$7,850.15
	<u>M A L E</u>		
65	<u>1</u>	<u>\$ 250.60</u>	<u>\$1,045.76</u>
Original Members - Total	<u>10</u>	<u>\$3,875.32</u>	<u>\$8,895.91</u>

NEW MEMBERS

	<u>M A L E</u>		
58	<u>1</u>	<u>\$ 274.16</u>	<u>\$ 451.26</u>
Original and New Members - TOTAL	<u>11</u>	<u>\$4,149.48</u>	<u>\$9,347.17</u>

WITHDRAWAL ANNUITIES - AS OF MAY 31, 1952

NEW MEMBERS

Attained Age 1952	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
35	1	\$ 64.51	\$ 43.25	-	-	-
36	1	45.51	32.40	-	-	-
37	-	-	-	2	\$ 123.52	\$ 71.44
39	1	123.10	296.07	-	-	-
41	2	198.05	113.22	1	149.29	120.10
42	-	-	-	3	240.31	182.60
43	6	829.83	1,732.31	3	361.60	641.62
44	3	530.15	1,942.81	-	-	-
45	9	1,497.99	2,194.51	2	231.24	215.03
46	6	1,028.66	1,718.69	3	142.42	76.48
47	6	1,333.45	6,460.52	3	240.89	160.85
48	4	795.44	2,234.11	-	-	-
49	7	1,403.95	2,392.82	2	292.02	268.74
50	7	1,773.21	3,037.45	1	28.05	22.51
51	4	1,206.58	2,456.02	2	144.48	93.07
52	5	1,485.13	1,669.33	2	173.09	207.59
53	10	3,364.12	4,652.35	-	-	-
54	6	898.63	717.26	2	487.62	659.36
55	3	556.45	613.57	3	707.27	958.57
56	2	1,255.78	2,245.00	2	250.67	246.35
57	4	841.95	908.23	2	399.64	478.22
58	2	1,098.47	1,406.30	-	-	-
59	3	729.48	1,089.23	-	-	-
60	3	560.23	516.97	1	53.57	36.60
61	3	1,207.34	1,165.89	1	94.33	94.29
62	2	362.00	420.88	-	-	-
63	3	611.68	634.06	1	68.17	60.33
64	3	1,187.52	1,128.63	1	140.16	159.82
67	3	795.34	1,101.50	1	57.08	46.89
68	2	643.29	604.42	1	347.19	416.72
70	1	121.46	106.89	1	190.64	198.48
73	1	148.62	146.60	-	-	-
74	1	253.93	260.76	-	-	-
Total	114	\$26,951.85	\$44,042.55	40	\$ 4,923.25	\$ 5,415.66
Original Members -						
Total	212	49,891.69	122,324.46	140	22,229.19	49,258.60
TOTAL	326	\$76,843.54	\$166,367.01	180	\$27,152.44	\$54,674.26

SUMMARY OF ANNUITIES - AS OF MAY 31, 1952

	ORIGINAL MEMBERS			NEW MEMBERS		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
<u>Superannuation</u>						
Male.....	540	\$278,604.95	\$ 643,293.58	397	\$146,727.53	\$164,052.17
Female.....	223	74,497.75	160,358.96	179	45,744.41	53,512.36
Surviving Beneficiaries - Option #2 & #3:						
Female.....	103	23,710.64	78,876.98	24	6,803.02	7,036.26
Male.....	1	10.64	2,194.55	2	251.64	396.41
Total.....	<u>867</u>	<u>\$376,823.98</u>	<u>\$ 885,024.07</u>	<u>602</u>	<u>\$199,526.60</u>	<u>\$224,997.20</u>
<u>Disability</u>						
Male.....	34	\$ 7,857.64	\$ 14,744.88	136	\$ 28,480.15	\$ 75,094.32
Female.....	32	4,330.74	9,344.72	86	9,390.04	31,047.70
Total.....	<u>66</u>	<u>\$ 12,188.37</u>	<u>\$ 24,089.60</u>	<u>222</u>	<u>\$ 37,870.19</u>	<u>\$106,142.02</u>
<u>Withdrawal</u>						
Male.....	212	\$ 49,891.68	\$ 122,324.46	114	\$ 26,951.85	\$ 44,042.55
Female.....	140	22,229.19	49,258.60	40	4,923.25	5,415.66
Surviving Beneficiaries - Option #2 & #3:						
Female.....	9	3,624.72	7,850.15	1	274.16	451.26
Male.....	1	250.60	1,045.76	-	-	-
Total.....	<u>362</u>	<u>\$75,996.19</u>	<u>\$ 180,478.97</u>	<u>155</u>	<u>\$ 32,149.26</u>	<u>\$49,909.47</u>
Total Annuities.....	<u>1,295</u>	<u>\$465,008.54</u>	<u>\$ 1,089,592.64</u>	<u>979</u>	<u>\$269,546.05</u>	<u>\$381,048.69</u>

Total Annuities Payable to Original and New Members

Number.....	<u>2,274</u>
Members' Annuities.....	\$ 734,554.59
State Annuities.....	<u>1,470,641.33</u>
TOTAL.....	<u>\$2,205,195.92</u>

C O M P A R I S O N O F M E M B E R S H I P

	As of May 31, 1950		As of May 31, 1951		As of May 31, 1952	
	Number	Salary	Number	Salary	Number	Salary
<u>ORIGINAL MEMBERS - ACTIVE</u>						
SCHEDULE I - Male.....	22	\$ 99,334	15	\$ 86,514	13	\$ 84,786
- Female.....	8	20,358	7	15,648	6	14,664
SCHEDULE II - Male.....	1,016	4,764,674	983	4,721,821	1,045	5,403,327
- Female.....	412	1,263,773	409	1,311,854	394	1,370,256
Total Membership and Salaries.....	1,458	\$ 6,148,139	1,414	\$ 6,135,837	1,458	\$ 6,873,033
<u>NEW MEMBERS - ACTIVE</u>						
SCHEDULE I - Male.....	182	\$ 582,955	173	\$ 592,014	168	\$ 676,234
- Female.....	71	162,592	72	173,126	70	190,126
SCHEDULE II - Male.....	26,077	73,274,608	26,447	80,424,375	26,934	89,440,304
- Female.....	15,697	35,013,018	16,161	39,062,657	16,322	43,478,306
Total Membership and Salaries.....	42,027	\$109,033,173	42,853	\$120,252,172	43,494	\$133,784,970
Total of Original and New Membership and Salaries.....	43,485	\$115,181,312	44,267	\$126,388,009	44,952	\$140,658,003
<u>ANNUITANTS</u>						
Original Members.....	1,193	--	1,240	--	1,295	--
New Members.....	745	--	828	--	979	--
Total Annuityants.....	1,938	--	2,068	--	2,274	--
TOTAL MEMBERSHIP.....	45,423	--	46,335	--	47,226	--

SCHEDULE M
(Part 2)

C O M P A R I S O N O F M E M B E R S H I P

	As of May 31, 1947		As of May 31, 1948		As of May 31, 1949	
	Number	Salary	Number	Salary	Number	Salary
<u>ORIGINAL MEMBERS - ACTIVE</u>						
SCHEDULE I - Male.....	50	\$ 187,829	47	\$ 185,993	45	\$ 195,356
- Female.....	31	67,540	32	76,717	28	74,686
SCHEDULE II - Male.....	965	3,834,921	896	3,950,302	847	4,045,805
- Female.....	299	708,811	305	775,903	298	833,579
Total Membership and Salaries....	<u>1,345</u>	<u>\$ 4,799,101</u>	<u>1,280</u>	<u>\$ 4,988,915</u>	<u>1,218</u>	<u>\$ 5,149,426</u>
<u>NEW MEMBERS - ACTIVE</u>						
SCHEDULE I - Male.....	586	\$ 1,631,570	554	\$ 1,690,814	528	\$ 1,792,323
- Female.....	184	375,350	179	399,421	173	415,176
SCHEDULE II - Male.....	17,505	43,821,722	21,716	56,027,194	23,208	64,351,769
- Female.....	12,571	23,775,357	13,574	27,658,184	14,328	31,661,532
Total Membership and Salaries....	<u>30,846</u>	<u>\$69,603,999</u>	<u>36,023</u>	<u>\$85,775,613</u>	<u>38,237</u>	<u>\$ 98,220,800</u>
Total of Original and New Membership and Salaries....	<u>32,191</u>	<u>\$74,403,100</u>	<u>37,303</u>	<u>\$90,764,528</u>	<u>39,455</u>	<u>\$103,370,226</u>
<u>ANNUITANTS</u>						
Original Members.....	1,165	--	1,177	--	1,171	--
New Members.....	460	--	557	--	645	--
Total Annuitants.....	<u>1,625</u>	--	<u>1,734</u>	--	<u>1,816</u>	--
TOTAL MEMBERSHIP.....	<u>33,816</u>	--	<u>39,037</u>	--	<u>41,271</u>	--

SCHEDULE M
(Part 1)