

STATE EMPLOYEES' RETIREMENT SYSTEM

Actuarial Valuation as of May 31, 1953

Margot A. Kyle

HUGGINS & COMPANY

CONSULTING ACTUARIES AND INSURANCE ACCOUNTANTS

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October 27, 1953

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

STATE EMPLOYES' RETIREMENT SYSTEM
ACTUARIAL VALUATION AS OF MAY 31, 1953

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, 1953, 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*
GEORGE A. HUGGINS
Of Actuarial Counsel

GAH:hsW

V A L U A T I O N

as of

MAY 31, 1953

A valuation to determine the required actuarial reserves and other liabilities of the State Employees' Retirement System as of May 31, 1953 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, 1953 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, 1953

ASSETS, INCLUDING PRESENT VALUE OF FUTURE APPROPRIATIONS

<u>Cash</u>	\$	511,223.83
<u>Investments</u>		
Bonds unmatured (par value).....	\$102,840,575.42	
Bonds matured (par value).....	6,000.00	
Premiums paid on bonds owned.....	\$106,171.32	
LESS - Reserve for amortization....	<u>73,317.16</u>	32,854.16
Stock.....	100.00	
Mortgage loan first lien.....	<u>15,800,000.00</u>	
Total.....		118,679,529.58
<u>Interest Due and Accrued</u>		
Investments.....		917,288.55
<u>Other Assets</u>		
Members' contributions in transit.....		551,110.64
Due from Commonwealth - Interest deficiency -		
Year - 1951.....	\$	877,270.54
Year - 1952.....		960,069.03
Year - 1953.....		<u>1,112,727.59</u>
- Members' Annuity Reserve Account.....		290,994.05
- State Annuity Reserve Account #2 (Act #622)		83,372.67
- State Annuity Reserve Account (Act #622)....		<u>69,522.48</u>
		3,393,956.36
Present value of future appropriations -		
State Annuity Reserve Account #2.....	\$20,654,142.45	
Contingent Reserve Account.....	<u>37,542,641.00</u>	<u>58,196,783.45</u>
Total assets, including present value of future appropriations.	\$	<u><u>182,249,892.41</u></u>

VALUATION BALANCE SHEET
of
STATE EMPLOYEES' RETIREMENT SYSTEM
as of
MAY 31, 1953

ACCOUNT BALANCES AND PRESENT VALUE OF FUTURE APPROPRIATIONS

Member's Annuity Savings Account.....	\$	70,780,364.81
Member's Annuity Reserve Account.....		7,392,291.95
State Annuity Reserve Account #2.....		7,247,228.55
Contingent Reserve Account.....	\$29,775,828.00	
LESS - Adjustment.....	<u>180,384.00</u>	29,595,444.00
State Annuity Reserve Account.....	\$ 4,271,995.00	
PLUS - Adjustment.....	<u>180,384.00</u>	4,452,379.00
Annuities due and unpaid.....		9,885.83
Reserve for outstanding checks.....		2,059.67
Pennsylvania State Police Benefit Account.....		3,718,031.10
Pennsylvania State Police Member's Annuity Reserve Account.....		<u>564,430.00</u>
Total Account Balances.....	\$	123,762,114.91
<u>Present Value of Future Appropriations -</u>		
State Annuity Reserve Account #2.....	\$20,654,112.45	
Contingent Reserve Account.....	<u>37,542,641.00</u>	
Total.....	\$58,196,783.45	
Member's Annuity Reserve Required....	\$7,683,286.00	
Member's Annuity Reserve Account Balance.....		<u>7,392,291.95</u>
Excess of Required Reserve over Account Balance Member's Annuity Reserve Account.....		<u>290,994.05</u>
Total Present Value of Future Appropriations.....		<u>58,487,777.50</u>
Total account balances and present value of future appropriations.....	\$	<u><u>182,249,892.41</u></u>

ACTUARIAL RESERVES AND OTHER LIABILITIES

Member's Annuity Savings Account

Present value of benefits on account of which
salary deductions have been accumulated.....\$70,780,364.81

Member's Annuity Reserve Account

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

Superannuation.....\$5,782,696.00
Disability..... 548,327.00
Withdrawal..... 1,352,263.00

Total.....7,683,286.00

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.....\$17,249,686.00
Disability..... 93,325.00
Withdrawal - active..... 88,840.00
Withdrawal - inactive..... 93,048.00 \$17,524,899.00

(b) Now on annuity roll because of:

Superannuation.....\$ 8,199,877.00
Disability..... 234,600.00
Withdrawal..... 1,941,995.00 10,376,472.00

Total.....27,901,371.00

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.....	\$61,318,419.00
Disability.....	2,856,928.00
Withdrawal - active.....	2,839,097.00
Withdrawal - inactive.....	<u>123,641.00</u>

Total.....\$ 67,138,085.00

State Annuity Reserve Account

Present value of state annuities payable
to new members:

Now on annuity roll because of:

Superannuation.....	\$ 2,751,313.00
Disability.....	1,127,515.00
Withdrawal.....	<u>573,551.00</u>

Total..... 4,452,379.00

Pennsylvania State Police Benefit Account

Present value of members' annuities on the roll.....	564,430.00
Present value of state annuities on the roll....	\$2,469,355.00
Balance for future state annuities.....	<u>1,248,676.10</u> 3,718,031.10

Other Liabilities

Annuities and refunds under Option 1 due and unpaid.....	\$ 9,885.83
Reserve for outstanding checks.....	<u>2,059.67</u>

Total..... 11,945.50

Total actuarial reserves and other liabilities.....\$182,249,892.41

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 \$70,780,364.81 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>
1949.....	\$40,585,518.58
1950.....	49,318,058.58
1951.....	56,484,288.72
1952.....	63,242,052.61
1953.....	70,780,364.81

It is of interest to note that during the last four-year period this account balance increased by \$30,194,846.23.

Member's Annuity Reserve Account

The present value of members' annuities payable to members now on the annuity roll because of superannuation amounts to \$5,782,696.00; for disability, \$548,327.00; and for withdrawal, \$1,352,263.00; or a total of \$7,683,286.00. The balance in the Member's Annuity Reserve Account as of May 31, 1953 was \$7,392,291.95, and as shown the calculated actuarial reserve for the outstanding members' annuities as of the same date amounted to \$7,683,286.00. Therefore, the required reserve is greater than the account balance by \$290,994.05. The required reserves, the account balances and the necessary adjustments in the Members'

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>
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
1953.....	7,683,286.00	7,392,291.05	(+) 290,994.05

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.....	\$17,524,899.00
(b) Now on annuity roll.....	<u>10,376,472.00</u>
Total.....	<u>\$27,901,371.00</u>

The balance in the State Annuity Reserve Account #2 available for meeting these reserves is \$7,247,228.55 so that \$20,654,142.45 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>
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
1953.....	17,524,899	10,376,472	27,901,371	7,247,228.55	20,654,142.45

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

Contingent Reserve Account

The present value of the future annuities payable to new members not yet on the annuity roll is \$67,138,085.00.

The balance in the Contingent Reserve Account available for meeting these reserves is \$29,775,828.00, less an adjustment item of \$180,384.00 transferred from this account to the State Annuity Reserve Account or a balance after adjustment of \$29,595,444.00, so that \$37,542,641.00 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>
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
1953.....	67,138,085.00	29,595,444.00	37,542,641.00

* 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, 1953 amounted to \$4,452,379.00. The balance in the State Annuity Reserve Account as of May 31, 1953 was \$4,271,995.00. The excess of the required reserves amounting to \$180,384.00, 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>
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
1953.....	4,452,379.00	4,271,995.00	(+) 180,384.00

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, 1953.

	<u>Account balance</u>	<u>Reserve for present annuities</u>	<u>Balance for future annuities</u>
Benefit Account.....	\$3,718,031.10	\$2,469,355.00	\$1,248,676.10
Member's Annuity Reserve Account.....	<u>564,430.00</u>	<u>564,430.00</u>	<u>-</u>
Total.....	<u>\$4,282,461.10</u>	<u>\$3,033,785.00</u>	<u>\$1,248,676.10</u>

The Member's Annuity Reserve Account balance of \$530,983.43 was increased by transfer of \$33,446.57 from the Benefit Account to bring it up to the amount of the required reserve, \$564,430.00. The balance available for future annuities ~~de-~~ creased to \$1,248,676.10 from the corresponding balance of \$1,349,384.75 as of May 31, 1952.

Remaining Account Balances

The item of \$9,885.83 represents refunds under Option 1 and annuity payments due and unpaid.

The item of \$2,059.67 is the reserve for outstanding checks.

Schedule of Membership as of May 31, 1953

The following schedules of the membership as of May 31, 1953 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 1953 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	\$35,580	6	\$15,828
Pennsylvania State Police.....	<u>2</u>	<u>20,670</u>	<u>-</u>	<u>-</u>
Total.....	<u>8</u>	<u>\$56,250</u>	<u>6</u>	<u>\$15,828</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.....	744	\$4,164,820	304	\$ 992,849
Pennsylvania State Police.....	32	176,959	-	-
Transferred from State Employees! Retirement Fund under Acts #560 and #561.....	117	655,604	74	337,872
General Assembly.....	64	200,248	3	8,047
Law Examiners.....	<u>3</u>	<u>19,500</u>	<u>-</u>	<u>-</u>
Total.....	<u>960</u>	<u>\$5,217,131</u>	<u>381</u>	<u>\$1,338,768</u>

In Schedule C, there is a summary of the two preceding schedules showing that there still remain in active service 1,355 original members with total salaries of \$6,627,977.00 and an average salary of \$4,891 as compared with \$4,714 for the preceding year.

In Schedule D, there is shown a distribution of the 1,355 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:

	<u>M</u>	<u>A</u>	<u>L</u>	<u>E</u>	<u>F</u>	<u>E</u>	<u>M</u>	<u>A</u>	<u>L</u>	<u>E</u>
	<u>Number</u>	<u>Total Salary</u>			<u>Number</u>	<u>Total Salary</u>				
Regular State Employes.....	149	\$580,952			62	\$170,464				
Mental Institutions.....	1	3,636			-	-				
Pennsylvania State Police.....	6	25,212			-	-				
Unemployment Compensation.....	3	15,480			-	-				
Total.....	<u>159</u>	<u>\$625,280</u>			<u>62</u>	<u>\$170,464</u>				

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:

	<u>M</u>	<u>A</u>	<u>L</u>	<u>E</u>	<u>F</u>	<u>E</u>	<u>M</u>	<u>A</u>	<u>L</u>	<u>E</u>
	<u>Number</u>	<u>Total Salary</u>			<u>Number</u>	<u>Total Salary</u>				
Regular State Employes.....	15,402	\$56,746,473			9,581	\$25,062,586				
Public Assistance.....	850	2,946,448			2,330	7,047,524				
Pennsylvania State Police.....	1,821	6,628,348			92	213,090				
Unemployment Compensation.....	1,298	5,109,677			1,854	5,526,802				
Delaware River Port Authority.....	221	724,743			3	9,124				
Delaware River Joint Toll Bridge Commission (free).....	135	447,113			13	33,760				
Delaware River Joint Toll Bridge Commission (toll).....	38	163,350			8	17,756				
Mental Institutions.....	1,486	4,274,095			2,486	6,220,572				
General Assembly.....	65	238,410			10	35,040				
Turnpike Commission.....	867	3,195,688			50	163,540				
Rural Child Welfare.....	4	23,100			46	166,128				
Highway (per diem).....	4,755	11,928,403			54	122,191				
Vocational education.....	68	307,494			52	139,745				
Transferred to State Employes' Re- tirement Fund under Acts #560 and #561.....	288	1,362,095			170	717,074				
General State Authority.....	113	504,517			36	99,804				
Total.....	<u>27,411</u>	<u>\$94,599,954</u>			<u>16,785</u>	<u>\$45,574,736</u>				

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, 1953 was 44,417. The total salaries were \$140,970,434, an average salary of \$3,174 as compared with \$3,076 for the preceding year.

The total members and the total salaries as of May 31, 1953 were distributed as follows:

	<u>Number</u>	<u>Salary</u>
Regular State Employees.....	25,194	\$ 82,560,475
Public Assistance.....	3,180	9,993,972
Pennsylvania State Police.....	1,919	6,866,650
Unemployment Compensation.....	3,155	10,651,959
Delaware River Port Authority.....	224	733,867
Delaware River Joint Toll Bridge Commission (free)..	148	480,873
Delaware River Joint Toll Bridge Commission (toll)..	46	181,106
Mental Institutions.....	3,973	10,498,303
General Assembly.....	75	273,450
Turnpike Commission.....	917	3,359,228
Rural Child Welfare.....	50	189,228
Highway (per diem).....	4,809	12,050,594
Vocational Education.....	120	447,239
Transferred from State Employees' Retirement Fund under Acts #560 and #561.....	458	2,079,169
General State Authority.....	<u>149</u>	<u>604,321</u>
 Total.....	 <u>44,417</u>	 <u>\$140,970,434</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, 1953 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, 1953 was 1,365 receiving \$525,123.77 in members' annuities and \$1,222,929.50 in State annuities, a total of \$1,748,053.09.

The total number of new members on the annuity roll as of May 31, 1953 was 1,198 receiving \$342,777.72 in members' annuities and \$544,124.31 in State annuities, a total of \$886,902.03.

The combined number of new and original members on the annuity roll as of May 31, 1953 was 2,563 receiving \$867,901.49 in members' annuities and \$1,767,053.63 in State annuities, a total of \$2,634,955.12.

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 and May 31, 1953.

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1953

(SCHEDULE I)

<u>Attained Age 1953</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>
53	1	\$ 2,544	-	-
54	1	16,500	1	\$ 2,562
55	-	-	1	2,154
58	-	-	1	2,562
59	-	-	1	3,330
62	1	5,670	-	-
63	1	4,770	-	-
65	-	-	1	2,760
68	1	3,762	-	-
72	2	20,136	-	-
73	-	-	1	2,460
74	1	2,868	-	-
Total	<u>8</u>	<u>\$56,250</u>	<u>6</u>	<u>\$15,828</u>

Superannuation Annuity 1/160th basis

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1953

(SCHEDULE II)

Attained Age 1953	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
40	1	\$ 3,000	-	-
41	1	3,000	-	-
44	1	4,110	-	-
45	5	15,000	-	-
46	6	33,568	8	\$ 27,408
47	5	19,990	12	37,471
48	8	27,894	15	47,892
49	25	116,441	12	36,016
50	26	128,363	20	64,191
51	34	159,320	11	39,052
52	38	182,278	15	53,742
53	58	292,613	12	45,831
54	41	202,829	22	75,483
55	59	285,054	29	100,248
56	47	246,946	22	78,676
57	54	271,925	18	65,776
58	58	308,969	18	57,151
59	50	281,534	18	66,651
60	63	354,859	17	64,631
61	55	311,632	16	59,840
62	51	282,557	17	67,341
63	45	299,761	19	71,223
64	38	182,426	11	41,834
65	35	199,947	11	41,080
66	26	155,640	14	47,857
67	20	110,595	8	23,532
68	25	141,853	13	42,331
69	8	39,414	4	16,260
70	12	76,807	7	20,320
71	11	99,786	4	14,136
72	11	69,062	2	7,973
73	6	25,086	3	12,162
74	8	88,020	1	3,762
75	9	57,564	-	-
76	5	35,222	-	-
77	6	45,226	1	3,762
78	2	12,294	1	5,136
79	2	18,222	-	-
81	4	23,656	-	-
83	1	4,668	-	-
Total	960	\$5,217,131	381	\$1,338,768

Superannuation Annuity 1/100th basis

SCHEDULE B

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1953

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	\$	56,250		
Female.....	<u>6</u>		<u>15,828</u>		
Total.....		14	\$	72,078	
<u>SCHEDULE II</u>					
Male.....	960	\$	5,217,131		
Female.....	<u>381</u>		<u>1,338,768</u>		
Total.....		<u>1,341</u>		<u>6,555,899</u>	
TOTAL - ORIGINAL MEMBERS.....				<u>1,355</u>	<u>\$6,627,977</u>
Average Salary.....					<u>4,891</u>

SCHEDULE C

ORIGINAL MEMBERS - IN ACTIVE SERVICE MAY 31, 1953

PRIOR SERVICE

<u>Years of Service</u>	<u>SCHEDULE I</u> <u>Number</u>		<u>SCHEDULE II</u> <u>Number</u>		<u>Total Number</u>
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	
Less than					
<u>1 year</u>	-	3	197	86	286
1 year	1	1	89	41	132
2 years	1	1	91	35	128
3 "	-	-	108	42	150
4 "	-	1	113	44	158
5 "	3	-	57	29	89
6 "	1	-	49	25	75
7 "	1	-	48	15	64
8 "	-	-	40	12	52
9 "	-	-	24	9	33
10 "	-	-	41	9	50
11 "	-	-	24	6	30
12 "	-	-	26	5	31
13 "	-	-	11	6	17
14 "	-	-	9	3	12
15 "	-	-	13	4	17
16 "	-	-	4	3	7
17 "	-	-	5	3	8
18 "	1	-	5	3	9
19 "	-	-	1	-	1
20 "	-	-	1	-	1
21 "	-	-	-	1	1
22 "	-	-	-	1	1
23 "	-	-	-	-	-
24 "	-	-	3	-	3
Total	<u>8</u>	<u>6</u>	<u>959</u>	<u>382</u>	<u>1,355</u>

SCHEDULE I - Superannuation Annuity 1/160th basis

SCHEDULE II - Superannuation Annuity 1/100th basis

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1953

(SCHEDULE I)

Attained Age 1953	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
37	-	-	1	\$ 2,736
38	-	-	1	2,136
39	2	\$ 7,290	1	1,968
41	4	14,736	-	-
42	9	32,544	-	-
43	8	32,238	1	3,054
44	5	17,970	4	12,588
45	12	47,678	2	5,232
46	11	37,452	2	5,484
47	8	37,658	1	2,364
48	8	33,708	5	11,658
49	5	17,850	4	12,828
50	4	14,574	3	10,572
51	7	29,790	-	-
52	4	17,076	4	10,338
53	5	19,248	1	2,562
54	9	41,430	4	12,702
55	3	14,526	1	2,274
56	3	9,114	2	5,268
57	9	32,614	2	4,806
58	3	15,972	2	6,258
59	6	24,486	4	11,808
60	3	11,220	3	6,618
61	5	19,608	3	9,346
62	5	18,414	1	2,562
63	2	8,082	4	11,760
64	5	15,582	1	2,160
65	4	16,140	-	-
66	1	3,516	2	4,200
67	2	5,670	-	-
68	1	7,590	-	-
70	2	7,020	-	-
72	1	2,670	1	2,808
73	1	6,354	1	2,112
75	1	2,802	-	-
76	-	-	1	2,262
82	1	2,658	-	-
Total	<u>159</u>	<u>\$625,280</u>	<u>62</u>	<u>\$170,464</u>

Superannuation Annuity - 1/160th basis

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1953

(SCHEDULE II)

Attained Age 1953	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
17	7	\$ 13,314	7	\$ 12,394
18	56	118,662	190	392,205
19	150	329,898	323	678,859
20	173	400,538	338	730,106
21	197	446,399	448	1,023,397
22	279	658,657	438	1,053,956
23	306	744,867	466	1,149,582
24	398	1,034,763	375	943,320
25	498	1,352,174	412	1,076,164
26	588	1,706,660	367	946,457
27	597	1,755,338	310	813,884
28	643	1,937,566	300	803,457
29	621	1,958,116	336	911,378
30	607	1,936,140	323	875,473
31	584	1,839,705	340	887,484
32	634	2,045,078	384	1,034,827
33	584	1,898,254	364	971,893
34	592	1,867,004	358	964,101
35	605	1,952,035	350	933,833
36	642	2,165,474	380	1,030,946
37	703	2,467,613	402	1,130,962
38	751	2,552,940	485	1,334,473
39	819	2,827,645	454	1,287,344
40	813	2,822,574	530	1,517,594
41	808	2,763,223	498	1,384,141
42	924	3,079,343	516	1,489,663
43	923	3,130,942	472	1,336,133
44	859	3,108,008	510	1,438,781
45	933	3,424,207	515	1,452,320
46	910	3,298,358	519	1,436,682
47	845	3,114,336	498	1,387,113
48	840	3,063,065	460	1,301,757
49	791	2,949,844	409	1,125,957
50	807	2,900,697	405	1,099,381
51	625	2,286,913	336	974,628
52	663	2,394,724	366	1,075,907
53	626	2,249,635	362	1,025,333
54	628	2,269,959	317	888,173
55	527	2,082,819	259	742,539
56	420	2,030,797	245	725,088
57	523	1,927,967	248	741,000

Superannuation Annuity 1/100th basis

SCHEDULE F
(Part 1)

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1953

(SCHEDULE II)

Attained Age 1953	M A L E		F E M A L E	
	Number	Total Salary	Number	Total Salary
58	441	\$ 1,731,767	199	\$ 597,133
59	383	1,433,385	189	547,041
60	349	1,420,199	177	536,681
61	250	1,024,221	108	315,163
62	243	957,213	113	328,506
63	194	788,756	107	299,260
64	178	651,081	48	130,388
65	174	695,360	49	150,730
66	130	644,470	41	128,312
67	82	300,857	37	112,776
68	108	423,910	23	70,183
69	89	396,893	25	73,350
70	74	292,654	21	66,672
71	42	156,166	7	19,458
72	39	174,700	10	24,858
73	36	171,262	9	22,578
74	26	103,343	1	2,760
75	23	89,779	1	3,054
76	15	50,334	1	2,262
77	13	74,864	2	8,808
78	6	21,076	2	6,078
79	5	16,832	-	-
80	4	55,675	-	-
81	3	6,336	-	-
82	2	5,382	-	-
84	1	2,262	-	-
85	1	2,364	-	-
86	1	2,562	-	-
Total	<u>27,411</u>	<u>\$ 94,599,954</u>	<u>16,785</u>	<u>\$45,574,736</u>

Superannuation Annuity 1/100th basis

SCHEDULE F
(Part 2)

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1953

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	\$ 17,370	1	\$ 2,154	5	\$ 19,524
1926	9	35,166	6	19,284	15	54,450
1927	2	5,712	5	12,408	7	18,120
1928	9	35,846	6	17,776	15	53,622
1929	7	30,612	9	25,116	16	55,728
1930	11	43,790	4	9,756	15	53,546
1931	2	9,114	5	12,852	7	21,966
1932	2	5,220	4	9,876	6	15,096
1933	3	11,850	3	9,084	6	20,934
1934	54	217,494	6	17,094	60	234,588
1935	8	32,250	4	11,142	12	43,392
1936	32	115,882	6	15,468	38	131,350
1937	14	56,166	3	8,454	17	64,620
1938	2	8,808	-	-	2	8,808
SCHEDULE I Total	<u>159</u>	<u>\$625,280</u>	<u>62</u>	<u>\$170,464</u>	<u>221</u>	<u>\$795,744</u>

SCHEDULE G
(Part 1)

NEW MEMBERS - IN ACTIVE SERVICE MAY 31, 1953

BY FISCAL YEAR OF ISSUE

(SCHEDULE II)

<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	174	\$ 711,651	60	\$ 203,671	234	\$ 915,322
1926	208	935,047	65	226,950	273	1,161,997
1927	216	1,018,926	68	234,253	284	1,253,179
1928	248	1,167,567	92	283,003	340	1,450,570
1929	299	1,307,088	82	287,117	381	1,594,205
1930	352	1,547,461	144	469,735	496	2,017,196
1931	270	1,163,114	135	433,400	405	1,596,514
1932	303	1,388,288	95	320,877	398	1,709,165
1933	185	775,819	174	613,505	359	1,389,324
1934	705	3,011,718	327	1,108,687	1,032	4,120,405
1935	320	1,453,767	270	902,829	590	2,356,596
1936	609	2,583,304	207	645,190	816	3,228,494
1937	689	2,857,068	212	700,066	901	3,557,134
1938	1,078	4,540,862	566	1,958,817	1,644	6,499,679
1939	1,007	4,051,712	594	1,927,792	1,601	5,979,504
1940	1,076	4,245,373	479	1,417,412	1,555	5,662,785
1941	816	3,075,448	460	1,392,334	1,276	4,467,782
1942	974	3,465,268	468	1,349,058	1,442	4,814,326
1943	689	2,299,562	511	1,445,440	1,200	3,745,002
1944	1,262	3,782,574	547	1,513,060	1,809	5,295,634
1945	478	1,524,551	347	970,530	825	2,495,081
1946	918	3,336,113	701	1,902,907	1,619	5,239,020
1947	1,444	5,055,547	997	2,806,238	2,441	7,861,785
1948	2,502	7,455,664	844	2,228,094	3,346	9,683,758
1949	1,478	4,705,822	1,036	2,660,608	2,514	7,366,430
1950	2,057	6,764,020	1,385	3,528,954	3,442	10,292,974
1951	2,284	6,771,252	1,605	3,875,922	3,889	10,647,174
1952	2,709	7,649,490	2,286	5,384,742	4,995	13,034,232
1953	2,061	5,955,878	2,028	4,783,545	4,089	10,739,423
SCHEDULE II						
Total	27,411	\$94,599,954	16,785	\$45,574,736	44,196	\$ 140,174,690
SCHEDULE I						
Total	159	625,280	62	170,464	221	795,744
Total	27,570	\$95,225,234	16,847	\$45,745,200	44,417	\$ 140,970,434

SCHEDULE G
(Part 2)

SUPERANNUATION ANNUITIES - AS OF MAY 31, 1953

ORIGINAL MEMBERS

Attained Age 1953	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
51	2	\$ 673.40	\$ 3,390.95	-	-	-
53	2	583.59	3,314.10	-	-	-
54	3	847.00	4,343.27	-	-	-
55	1	226.60	1,319.64	-	-	-
56	4	1,133.51	5,567.36	-	-	-
57	1	308.52	1,435.85	-	-	-
58	3	930.14	4,055.12	-	-	-
59	4	1,156.41	3,783.85	-	-	-
60	11	5,914.71	20,255.11	2	\$ 1,482.86	\$ 3,860.15
61	15	7,499.80	22,492.13	9	4,211.87	12,957.46
62	16	8,016.30	25,812.33	5	2,028.95	8,344.54
63	24	10,335.82	32,291.52	3	652.29	1,992.68
64	30	18,778.61	46,275.39	7	2,263.35	7,920.44
65	20	11,162.55	29,457.55	10	4,659.19	13,654.53
66	32	19,012.67	46,366.26	14	5,478.24	14,288.80
67	25	13,553.62	30,550.20	12	6,014.59	12,712.05
68	21	14,867.87	33,707.17	17	7,452.36	14,289.07
69	29	19,574.52	43,465.90	14	5,967.40	10,912.47
70	21	10,786.08	21,159.58	10	5,267.19	9,260.85
71	30	20,230.06	42,869.35	4	1,547.02	2,286.28
72	37	29,731.09	55,890.81	18	7,608.59	13,912.73
73	34	22,245.22	37,944.68	7	2,689.80	4,262.32
74	22	15,623.86	22,592.43	13	4,072.02	6,892.29
75	11	5,473.14	9,582.55	10	4,485.31	7,948.77
76	18	13,925.12	25,235.68	10	2,760.15	5,283.66
77	24	17,732.54	28,565.54	11	2,835.05	4,880.19
78	19	8,527.89	19,049.58	8	2,171.00	4,982.16
79	16	4,739.36	12,148.38	9	2,745.27	7,554.69
80	16	7,214.93	16,894.95	9	2,663.29	4,453.05
81	19	10,541.71	22,486.66	8	1,271.04	4,425.11
82	14	4,300.61	8,735.49	6	1,183.71	3,517.08
83	14	2,667.57	9,475.99	6	1,858.47	3,619.78
84	9	2,790.11	10,057.85	5	723.63	1,797.73
85	12	3,749.26	13,508.83	1	90.45	190.12
86	6	441.23	3,363.16	3	428.44	2,609.78
87	11	2,177.22	8,410.44	4	279.25	1,555.69
88	3	807.55	6,899.17	1	105.19	69.04
89	-	-	-	1	56.27	76.15
90	-	-	-	1	1,409.47	440.91
91	1	0.76	661.60	-	-	-
92	-	-	-	1	4.39	660.00
93	3	475.52	2,403.92	-	-	-
98	-	-	-	1	61.64	168.60
100	1	1.38	458.40	-	-	-
102	1	682.06	1,776.07	-	-	-
Total	585	\$319,439.91	\$738,054.81	240	\$86,527.74	\$191,779.17

SUPERANNUATION ANNUITIES - AS OF MAY 31, 1953

NEW MEMBERS

Attained Age 1953	<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>	<u>Number</u>	<u>Member's Annuity</u>
50	7	\$ 2,154.38	\$ 12,156.41	-	-	-	-	-
51	7	2,172.05	12,115.41	-	-	-	-	-
52	5	1,402.50	7,406.16	1	\$ 97.68	\$ 327.06	-	-
53	3	797.33	4,149.86	-	-	-	-	-
54	3	788.94	4,392.92	-	-	-	-	-
55	3	899.47	4,697.42	-	-	-	-	-
56	6	1,918.55	8,663.09	-	-	-	-	-
57	2	449.11	2,062.52	-	-	-	-	-
58	2	435.06	1,319.42	1	253.14	1,011.51	-	-
60	12	4,071.49	12,174.30	3	252.56	1,728.47	-	-
61	12	4,868.69	8,414.53	12	3,601.70	7,267.96	-	-
62	14	4,531.31	6,363.13	17	5,047.66	7,769.47	-	-
63	26	8,023.95	12,288.66	15	4,473.52	8,110.92	-	-
64	29	9,065.52	15,701.15	10	2,976.36	4,904.22	-	-
65	24	6,619.86	10,008.54	14	4,045.14	5,985.69	-	-
66	37	17,066.46	21,778.05	18	5,394.37	6,603.37	-	-
67	35	11,234.87	14,007.52	12	3,837.18	7,090.48	-	-
68	30	16,061.23	18,481.33	16	3,205.57	5,174.42	-	-
69	31	9,197.71	11,154.83	18	5,997.17	6,700.63	-	-
70	23	10,189.34	9,822.06	9	2,122.98	2,381.06	-	-
71	26	8,829.69	9,236.45	14	2,366.39	2,475.16	-	-
72	24	12,795.28	12,105.58	11	2,666.15	2,286.97	-	-
73	29	9,143.37	7,313.00	17	4,835.41	4,169.39	-	-
74	22	5,938.10	6,000.20	7	2,144.36	2,145.55	-	-
75	16	5,125.24	4,567.95	5	808.16	657.38	-	-
76	15	8,286.77	5,826.01	5	1,118.31	903.93	-	-
77	10	3,009.65	2,253.79	4	1,061.17	776.98	-	-
78	12	4,598.69	2,379.34	2	221.69	185.64	-	-
79	16	4,821.18	2,893.98	3	865.46	535.64	-	-
80	10	3,928.89	2,470.90	2	626.75	341.24	-	-
81	5	7,851.89	2,956.18	1	200.74	184.69	-	-
82	3	456.38	319.28	-	-	-	-	-
83	5	1,611.38	946.60	2	333.67	242.97	-	-
84	1	150.58	63.69	-	-	-	-	-
86	2	2,223.19	795.53	-	-	-	-	-
88	1	105.32	66.00	1	62.52	39.87	-	-
Total	508	\$190,823.42	\$257,351.79	220	\$ 58,615.81	\$80,000.67		
Original Members - SCHEDULE H (Part 1)	585	319,439.91	738,054.81	240	86,527.74	191,779.17		
TOTAL	1,093	\$510,263.33	\$995,406.60	460	\$145,143.55	\$271,779.84		

SCHEDULE H
(Part 2)

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

ORIGINAL MEMBERS

Attained Age 1953	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
49	1	\$ 69.09	\$ 287.32	-	-	-
50	-	-	-	1	\$ 70.76	\$ 173.56
51	-	-	-	1	30.33	1,721.25
54	-	-	-	1	46.51	232.96
55	-	-	-	1	89.44	131.35
57	-	-	-	1	661.19	1,967.79
59	-	-	-	2	985.09	1,121.97
60	-	-	-	3	945.10	1,671.85
61	-	-	-	2	653.07	916.02
62	-	-	-	4	971.77	2,073.68
65	-	-	-	3	533.49	3,339.79
66	-	-	-	3	3,972.58	4,501.53
67	-	-	-	7	3,051.91	6,211.92
68	-	-	-	5	1,426.36	2,660.98
69	-	-	-	3	488.61	1,690.67
70	-	-	-	8	1,976.12	5,216.24
71	-	-	-	2	491.44	1,445.80
72	-	-	-	3	454.41	1,431.35
73	-	-	-	3	335.72	1,585.31
74	-	-	-	2	179.22	791.08
75	-	-	-	5	4,664.01	4,386.59
76	-	-	-	9	2,801.07	8,687.37
77	-	-	-	4	891.71	2,350.93
78	-	-	-	3	781.02	1,342.08
79	-	-	-	5	522.34	2,810.25
80	1	10.64	2,494.55	3	536.74	3,197.94
81	-	-	-	6	941.97	1,787.23
82	-	-	-	1	57.20	72.65
83	-	-	-	4	234.76	6,714.23
84	-	-	-	2	171.22	544.80
85	-	-	-	4	100.37	1,451.36
86	-	-	-	1	1.94	850.10
87	-	-	-	2	5.79	4,072.26
88	-	-	-	2	345.52	2,355.29
89	-	-	-	1	100.10	890.50
90	-	-	-	2	78.89	705.52
91	-	-	-	1	1.18	233.18
93	-	-	-	2	9.66	1,219.89
Total	2	\$ 79.73	\$ 2,781.87	112	\$29,608.61	\$82,557.27

SCHEDULE I
(Part 1)

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

NEW MEMBERS

Attained Age 1953	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
44	-	-	-	1	\$ 573.27	\$ 273.57
46	1	\$ 79.10	\$ 76.22	-	-	-
57	-	-	-	2	664.80	1,004.09
58	-	-	-	1	195.76	181.58
59	-	-	-	1	236.24	174.12
62	-	-	-	1	114.30	119.48
63	1	172.54	320.19	-	-	-
64	-	-	-	2	646.58	604.50
65	-	-	-	1	482.91	431.45
66	-	-	-	3	1,026.27	1,089.71
67	-	-	-	1	161.27	210.13
68	-	-	-	1	110.86	91.78
69	-	-	-	1	233.99	299.52
70	-	-	-	1	378.71	473.25
71	-	-	-	2	300.60	261.44
73	-	-	-	1	90.76	71.30
74	-	-	-	3	695.94	406.66
76	-	-	-	1	361.82	212.94
78	-	-	-	1	179.32	149.56
79	-	-	-	1	211.13	525.69
81	-	-	-	1	240.10	170.21
Total	2	\$ 251.64	\$ 396.41	26	\$ 6,904.63	\$ 6,750.98
Original Members - SCHEDULE I (Part 1)	2	79.73	2,781.87	112	29,608.61	82,557.27
Original and New Members - Total	4	\$ 331.37	\$ 3,178.28	138	\$ 36,513.24	\$ 89,308.25
SCHEDULE H	1,093	510,263.33	995,406.60	460	145,143.55	271,779.84
TOTAL	1,097	\$ 510,594.70	\$ 998,584.88	598	\$ 181,656.79	\$ 361,088.09

SCHEDULE I
(Part 2)

DISABILITY ANNUITIES - AS OF MAY 31, 1953

ORIGINAL MEMBERS

Attained Age 1953	M A L E			F E M A L E		
	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>
44	-	-	-	1	\$ 81.30	\$ 589.87
45	-	-	-	1	109.35	332.62
46	-	-	-	1	80.32	337.22
47	-	-	-	1	41.30	290.45
49	-	-	-	2	152.72	709.12
51	-	-	-	3	299.61	984.15
52	3	\$ 609.31	\$ 1,044.99	2	251.07	521.30
53	2	698.47	1,143.77	-	-	-
54	5	1,059.48	2,305.47	1	27.52	234.71
55	1	154.16	359.10	1	505.05	789.09
56	2	251.12	680.51	1	163.71	22.11
57	4	672.12	2,190.61	-	-	-
59	-	-	-	1	161.39	205.66
60	1	331.28	382.72	1	115.00	239.00
61	-	-	-	1	158.00	302.86
62	1	15.96	-	-	-	-
63	1	535.20	964.80	1	162.86	217.96
64	2	189.54	751.11	-	-	-
65	3	892.96	1,584.69	1	107.98	214.43
66	1	22.85	247.15	1	372.06	153.39
67	1	599.35	618.84	5	694.70	1,295.98
68	-	-	-	1	56.03	213.97
70	1	421.55	442.45	-	-	-
72	2	597.76	965.32	1	185.33	259.27
73	1	225.36	154.40	2	235.15	239.25
75	2	357.76	710.76	-	-	-
76	-	-	-	1	29.40	347.01
79	-	-	-	1	272.76	474.08
Total	<u>33</u>	<u>\$ 7,634.23</u>	<u>\$14,546.69</u>	<u>31</u>	<u>\$ 4,262.61</u>	<u>\$ 8,973.50</u>

SCHEDULE J
(Part 1)

DISABILITY ANNUITIES - AS OF MAY 31, 1953

NEW MEMBERS

Attained Age 1953	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
32	1	\$ 58.31	\$ 715.46	1	\$ 56.53	\$ 452.04
33	1	72.87	533.61	1	33.06	372.27
35	2	235.86	1,521.45	-	-	-
36	-	-	-	1	62.96	455.67
37	2	218.76	1,406.37	1	90.04	601.49
38	1	65.96	525.34	3	231.85	1,456.16
39	1	112.78	744.61	3	336.09	1,697.10
40	2	250.01	1,459.90	3	135.12	401.75
41	1	77.21	481.84	-	-	-
42	4	471.51	2,276.45	3	233.02	597.55
43	4	818.51	3,571.01	4	352.19	1,536.18
44	4	833.97	4,080.65	4	515.75	2,212.32
45	4	584.71	3,047.66	4	689.24	2,669.68
46	5	682.58	2,716.22	3	441.06	1,489.05
47	5	633.04	2,273.06	3	453.89	1,503.12
48	7	1,776.24	6,140.35	5	236.57	1,750.73
49	8	1,532.61	5,663.97	5	668.17	1,849.30
50	4	947.69	2,592.72	3	250.85	1,144.13
51	2	242.61	1,209.40	2	221.69	527.78
52	5	1,410.79	4,213.75	2	243.23	862.84
53	6	1,107.61	3,156.23	3	442.75	1,286.08
54	8	1,426.73	3,936.83	3	549.32	1,571.66
55	9	1,691.26	4,808.12	3	327.89	997.23
56	8	1,620.73	4,041.41	7	919.88	2,645.55
57	9	2,158.68	4,564.37	4	465.03	1,355.12
58	13	4,230.44	7,491.97	3	733.52	1,181.25
59	8	2,376.82	4,154.52	2	317.34	635.22
60	7	1,766.33	2,520.58	2	307.55	442.05
61	5	1,193.83	1,686.59	2	142.21	507.65
62	7	1,200.07	2,364.97	4	604.07	981.38
63	1	248.15	422.85	1	179.38	256.17
64	2	1,593.02	1,286.98	2	182.49	300.14
65	4	860.49	1,547.33	2	237.95	459.12
66	-	-	-	2	209.36	395.80
69	1	757.62	757.02	1	256.62	240.99
70	2	490.19	425.18	-	-	-
71	-	-	-	2	80.93	124.67
75	1	147.61	193.19	-	-	-
77	1	49.21	84.19	-	-	-
Total	155	\$33,944.81	\$88,616.15	94	\$11,207.60	\$34,959.24
Original Members - SCHEDULE J (Part 1)	33	7,634.23	14,546.69	31	4,262.61	8,973.50
TOTAL	188	\$41,579.04	\$103,162.84	125	\$15,470.21	\$43,932.74

SCHEDULE J
(Part 2)

WITHDRAWAL ANNUITIES - AS OF MAY 31, 1953

ORIGINAL MEMBERS

Attained Age 1953	M A L E		F E M A L E			
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
43	1	\$ 14.69	\$ 58.76	-	-	-
46	2	196.74	284.91	1	\$ 173.53	\$ 322.69
47	2	56.94	232.92	6	596.17	710.66
48	-	-	-	4	481.87	854.02
49	1	261.29	182.14	2	315.45	411.97
50	1	47.41	143.87	2	332.18	441.22
51	5	977.67	1,508.56	3	271.08	276.15
52	10	2,262.27	6,112.14	3	401.31	476.85
53	7	1,248.18	3,041.91	4	592.52	850.80
54	3	548.25	1,526.99	7	1,152.78	2,655.21
55	7	1,567.74	3,642.79	3	516.13	575.43
56	10	2,658.61	5,065.53	3	505.79	1,611.41
57	9	2,727.21	4,650.51	6	658.57	848.77
58	3	1,302.67	2,037.80	3	1,495.49	3,402.59
59	8	2,806.38	5,456.25	8	1,394.23	3,766.77
60	11	2,428.13	4,315.19	7	1,598.43	4,894.25
61	7	1,767.40	3,764.82	8	2,085.04	6,486.08
62	9	2,650.73	6,084.05	3	307.69	342.80
63	9	2,254.92	5,108.55	4	996.90	1,983.68
64	8	2,792.12	6,399.41	4	630.61	1,129.03
65	5	1,657.65	3,721.23	7	1,190.42	2,454.55
66	8	1,668.09	3,672.85	5	640.24	836.67
67	6	1,108.23	2,832.74	6	919.94	1,668.94
68	7	3,556.93	7,459.40	1	157.67	302.94
69	14	2,891.10	8,073.85	7	1,075.05	2,357.22
70	10	1,621.87	6,132.51	1	432.07	405.74
71	8	1,540.35	4,402.72	6	620.57	1,577.41
72	15	2,398.89	8,261.66	5	569.61	1,491.09
73	6	927.13	4,672.92	8	1,488.85	3,364.38
74	5	1,187.53	3,583.25	2	400.00	1,130.04
75	4	1,281.09	3,255.83	4	522.61	2,023.39
76	3	481.77	2,874.08	3	476.66	1,157.23
77	3	711.90	2,335.67	4	532.96	1,742.30
78	2	217.95	806.76	1	84.20	167.21
79	2	260.17	1,083.07	-	-	-
80	1	176.29	624.82	-	-	-
Total	212	\$50,256.79	\$123,410.46	141	\$23,616.62	\$52,719.49

SCHEDULE K
(Part 1)

WITHDRAWAL ANNUITIES - AS OF MAY 31, 1953

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

ORIGINAL MEMBERS

<u>Attained</u> <u>Age 1953</u>	<u>Number</u>	<u>Member's</u> <u>Annuity</u>	<u>State</u> <u>Annuity</u>
	<u>F E M A L E</u>		
49	1	\$ 421.85	\$ 855.47
56	1	114.01	194.41
58	1	792.38	1,719.43
59	1	442.06	868.29
60	1	756.77	1,196.94
64	1	367.68	704.48
65	1	174.22	483.60
67	<u>1</u>	<u>377.96</u>	<u>1,037.68</u>
Total	8	\$3,446.93	\$7,060.30

	<u>M A L E</u>		
66	<u>1</u>	\$ 250.60	\$1,045.76
Original Members -			
Total	<u>9</u>	<u>\$3,697.53</u>	<u>\$8,106.06</u>

NEW MEMBERS

	<u>F E M A L E</u>		
54	1	\$ 319.18	\$ 916.12
59	<u>1</u>	<u>274.16</u>	<u>451.26</u>
Total	<u>2</u>	<u>\$ 593.34</u>	<u>\$1,367.38</u>
Original and New Members -			
Total	<u>11</u>	<u>\$4,290.87</u>	<u>\$9,473.44</u>

WITHDRAWAL ANNUITIES - AS OF MAY 31, 1953

NEW MEMBERS

Attained Age 1953	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
36	1	\$ 64.51	\$ 43.25	1	\$ 98.34	\$ 76.28
37	1	45.51	32.40	-	-	-
38	-	-	-	2	123.52	71.44
40	1	123.10	296.07	-	-	-
42	3	364.19	261.42	1	149.29	120.10
43	-	-	-	4	362.80	283.88
44	8	1,214.06	3,033.08	3	361.60	641.62
45	4	644.78	2,321.23	-	-	-
46	10	1,661.01	2,314.31	2	231.24	215.03
47	8	1,413.43	4,615.22	3	142.42	76.48
48	11	2,551.41	12,468.21	4	300.54	294.09
49	4	964.32	3,319.13	1	149.18	269.60
50	9	1,931.17	5,223.43	3	430.86	464.90
51	10	2,193.92	3,740.14	2	114.91	242.45
52	4	1,206.58	2,456.02	3	600.65	694.36
53	6	2,086.58	2,778.33	2	173.09	207.59
54	12	4,154.95	5,564.80	-	-	-
55	6	1,017.77	1,303.33	2	487.62	659.36
56	4	816.95	1,346.45	4	902.28	1,639.95
57	4	1,570.26	2,692.24	2	250.67	246.35
58	6	1,433.03	2,076.29	3	554.68	1,132.40
59	4	1,728.79	2,605.93	2	497.13	1,145.84
60	4	1,009.27	1,551.50	-	-	-
61	3	560.23	516.97	1	53.57	36.60
62	3	1,207.34	1,165.89	1	94.33	94.29
63	2	362.00	420.88	-	-	-
64	2	403.45	392.07	1	68.17	60.33
65	4	1,300.61	1,221.58	1	140.16	159.82
67	-	-	-	1	57.08	46.89
68	1	357.99	308.00	1	347.19	416.72
69	2	643.29	604.42	-	-	-
71	1	121.46	106.89	1	190.64	198.48
74	1	148.62	146.60	-	-	-
75	1	253.93	260.76	-	-	-
Total	140	\$33,554.51	\$65,186.84	51	\$ 6,881.96	\$ 9,494.85
Original Members - Total	<u>212</u>	<u>50,256.79</u>	<u>123,410.46</u>	<u>141</u>	<u>23,616.62</u>	<u>52,719.40</u>
TOTAL	<u>352</u>	<u>\$83,811.30</u>	<u>\$188,597.30</u>	<u>192</u>	<u>\$30,498.58</u>	<u>\$62,214.34</u>

SUMMARY OF ANNUITIES - AS OF MAY 31, 1953

	<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.....	585	\$319,439.91	\$ 738,054.81	508	\$190,823.42	\$ 257,351.79
Female.....	240	86,527.74	191,779.17	220	58,615.81	80,000.67
Surviving Beneficiaries -						
Option #2 & #3:						
Female.....	112	29,608.61	82,557.27	26	6,904.63	6,750.98
Male.....	2	79.73	2,781.87	2	251.64	396.41
Total.....	<u>939</u>	<u>\$435,655.99</u>	<u>\$1,015,173.12</u>	<u>756</u>	<u>\$256,595.50</u>	<u>\$344,499.85</u>
<u>Disability</u>						
Male.....	33	\$ 7,634.23	\$ 14,546.69	155	\$ 33,944.81	\$ 88,616.15
Female.....	31	4,262.61	8,973.50	94	11,207.60	34,959.24
Total.....	<u>64</u>	<u>\$ 11,896.84</u>	<u>\$ 23,520.19</u>	<u>249</u>	<u>\$ 45,152.41</u>	<u>\$123,575.39</u>
<u>Withdrawal</u>						
Male.....	212	\$ 50,256.79	\$ 123,410.46	140	\$ 33,554.51	\$ 65,186.84
Female.....	141	23,616.62	52,719.49	51	6,881.96	9,494.85
Surviving Beneficiaries -						
Option #2 & #3:						
Female.....	8	3,446.93	7,060.30	2	593.34	1,367.38
Male.....	1	250.60	1,045.76	-	-	-
Total.....	<u>362</u>	<u>\$77,570.94</u>	<u>\$184,236.01</u>	<u>193</u>	<u>\$ 41,029.81</u>	<u>\$ 76,049.07</u>
Total Annuities.	<u>1,365</u>	<u>\$525,123.77</u>	<u>\$1,222,929.32</u>	<u>1,198</u>	<u>\$342,777.72</u>	<u>\$544,124.31</u>

Total Annuities Payable to Original and New Members

Number..... 2,563

Members' annuities \$ 867,901.49

State annuities... 1,767,053.63

TOTAL..... \$2,634,955.12

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, 1948 As of May 31, 1949 As of May 31, 1950

	<u>Number</u>	<u>Salary</u>		<u>Number</u>	<u>Salary</u>		<u>Number</u>	<u>Salary</u>
<u>ORIGINAL MEMBERS - ACTIVE</u>								
SCHEDULE I - Male.....	47	\$ 185,993		45	\$ 195,356		22	\$ 99,334
- Female.....	32	76,717		28	74,686		8	20,358
SCHEDULE II - Male.....	896	3,950,302		847	4,045,805		1,016	4,764,674
- Female.....	305	775,903		298	833,579		412	1,263,773
Total Membership and Salaries..	<u>1,280</u>	<u>\$ 4,988,915</u>		<u>1,218</u>	<u>\$ 5,149,426</u>		<u>1,458</u>	<u>\$ 6,148,139</u>
<u>NEW MEMBERS - ACTIVE</u>								
SCHEDULE I - Male.....	554	\$ 1,690,814		528	\$ 1,792,323		182	\$ 582,955
- Female.....	179	399,421		173	415,176		71	162,592
SCHEDULE II - Male.....	21,716	56,027,194		23,208	64,351,769		26,077	73,274,608
- Female.....	13,574	27,658,184		14,328	31,661,532		15,697	35,013,018
Total Membership and Salaries..	<u>36,023</u>	<u>\$85,775,613</u>		<u>38,237</u>	<u>\$ 98,220,800</u>		<u>42,027</u>	<u>\$109,033,173</u>
Total of Original and New Membership and Salaries	<u>37,303</u>	<u>\$90,764,528</u>		<u>39,455</u>	<u>\$103,370,226</u>		<u>43,485</u>	<u>\$115,181,312</u>
<u>ANNUITANTS</u>								
Original Members.....	1,177			1,171			1,193	
New Members.....	557			645			745	
Total Annuityants.....	<u>1,734</u>			<u>1,816</u>			<u>1,938</u>	
TOTAL MEMBERSHIP.....	<u>39,037</u>			<u>41,271</u>			<u>45,423</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, 1951		As of May 31, 1952		As of May 31, 1953	
	Number	Salary	Number	Salary	Number	Salary
ORIGINAL MEMBERS - ACTIVE						
SCHEDULE I - Male.....	15	\$ 86,514	13	\$ 84,786	8	\$ 56,250
- Female.....	7	15,648	6	14,664	6	15,828
SCHEDULE II - Male.....	983	4,721,821	1,045	5,403,327	960	5,217,131
- Female.....	409	1,311,854	394	1,370,256	381	1,338,768
Total Membership and Salaries.	1,414	\$ 6,135,837	1,458	\$ 6,873,033	1,355	\$ 6,627,977
NEW MEMBERS - ACTIVE						
SCHEDULE I - Male.....	173	\$ 592,014	168	\$ 676,234	159	\$ 625,280
- Female.....	72	173,126	70	190,126	62	170,464
SCHEDULE II - Male.....	26,447	80,424,375	26,934	89,440,304	27,411	94,599,954
- Female.....	16,161	39,062,657	16,322	43,478,306	16,785	45,574,736
Total Membership and Salaries.	42,853	\$120,252,172	43,494	\$133,784,970	44,417	\$140,970,434
Total of Original and New Membership and Salaries.....	44,267	\$126,388,009	44,952	\$140,658,003	45,772	\$147,598,411
ANNUITANTS						
Original Members.....	1,240		1,295		1,365	
New Members.....	828		979		1,198	
Total Annuityants.....	2,068		2,274		2,563	
TOTAL MEMBERSHIP.....	46,335		47,226		48,335	

SCHEDULE M
(Part 2)