

STATE EMPLOYES' RETIREMENT SYSTEM

Actuarial Valuation
as of
May 31, 1960

HUGGINS & COMPANY, INC.

CONSULTING ACTUARIES • EMPLOYEE BENEFIT PLAN CONSULTANTS

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(1934-1958)

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MARY BAUSH

ARCHITECTS BUILDING
117 SOUTH 17TH STREET
PHILADELPHIA 3, PA.
LOCUST 4-1122

December 20, 1962

Hon. E. James Trimarchi, Jr., Chairman
State Employes' Retirement Board
Capitol Building
Harrisburg, Pennsylvania

STATE EMPLOYES' RETIREMENT SYSTEM

Actuarial Valuation as of May 31, 1960

Dear Mr. Trimarchi:

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, 1960, with explanatory remarks relating to various items in the statement. All reserve liabilities and statistical tables have been based upon the data submitted by the office of the Retirement Fund and these results were completed at the earliest date possible after the submission of the data.

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

Respectfully submitted,

HUGGINS & COMPANY, INC.

By *Kenneth H. Ross*

KHR:hsw

VALUATION as of MAY 31, 1960

A valuation to determine the required actuarial reserves and other liabilities of the State Employees' Retirement System as of May 31, 1960 has been made. In determining the actuarial reserves, the factors developed in connection with the Sixth Actuarial Investigation made as of May 31, 1956 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, 1960 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 when previously they had not been eligible.

VALUATION BALANCE SHEET
of
STATE EMPLOYES' RETIREMENT SYSTEM
as of
MAY 31, 1960

ASSETS, INCLUDING PRESENT VALUE OF FUTURE APPROPRIATIONS

Cash-----\$ 1,619,863.38

Investments

Unmatured (par value)-----	\$237,765,723.71		
Premiums paid on investments owned-----	\$ 283,222.35		
Reserve for amortization---	<u>60,047.20</u>	<u>343,269.55</u>	238,108,993.26

Interest Due and Accrued

Investments----- 2,106,802.02

Other Assets

Members' contributions in transit----- 60,958.90

Due from Commonwealth

(a) Interest deficiency -

Year - 1957-----	\$ 1,850,924.02		
Year - 1958-----	1,962,270.93		
Year - 1959-----	2,714,322.56		
Year - 1960-----	<u>2,868,653.62</u>	\$ 9,396,171.13	

(b) Member's Annuity Reserve Account----- 236,461.36

(c) Appropriations Due But Unpaid

May 31, 1960 -

(1) State Annuity Accumulation and Reserve Account for Original Members--	\$ 5,015,212.30		
(2) State Annuity Accumulation Account-----	13,354,453.46		
(3) State Annuity Reserve Account-----	46,345.37		
(4) State Police Benefit Account-----	<u>25,000.00</u>	<u>18,441,011.13</u>	28,073,643.62

Present Value of Future Appropriations -

State Annuity Accumulation and Reserve Account for Original Members-----	\$ 32,141,802.55		
State Annuity Accumulation Account-----	<u>130,091,544.35</u>	<u>162,233,346.90</u>	

Total Assets, Including Present Value of Future Appropriations-- \$432,203,608.08

VALUATION BALANCE SHEET
 of
STATE EMPLOYES' RETIREMENT SYSTEM
 as of
MAY 31, 1960

ACCOUNT BALANCES AND PRESENT VALUE OF FUTURE APPROPRIATIONS

Member's Annuity Savings Account-----	\$128,968,204.66
Member's Annuity Reserve Account-----	30,898,305.64
State Annuity Accumulation and Reserve Account for Original Members-----	11,954,505.45
State Annuity Accumulation Account-----	\$ 48,821,419.58
PLUS: Adjustment-----	<u>200,255.07</u>
	49,021,674.65
State Annuity Reserve Account-----	\$ 37,109,613.07
LESS: Adjustment-----	<u>200,255.07</u>
	36,909,358.00
Reserve for Outstanding Checks-----	4,895.15
State Police Member's Annuity Reserve Account-----	1,891,587.00
State Police Benefit Account-----	<u>10,085,269.27</u>
Total Account Balances-----	\$269,733,799.82
 <u>Present Value of Future Appropriations -</u>	
State Annuity Accumulation and Reserve Account for Original Members-----	\$ 32,141,802.55
State Annuity Accumulation Account-----	<u>130,091,544.35</u>
Total-----	\$162,233,346.90
Member's Annuity Reserve Required-----	\$31,134,767.00
Member's Annuity Reserve Account Balance-----	<u>30,898,305.64</u>
Excess of Required Reserve over Account Balance (Member's Annuity Reserve Account)--	<u>236,461.36</u>
Total Present Value of Future Appropriations-----	<u>162,469,808.26</u>
Total Account Balances and Present Value of Future Appropriations-----	<u>\$432,203,608.08</u>

ACTUARIAL RESERVES AND OTHER LIABILITIES - MAY 31, 1960

Member's Annuity Savings Account

Present value of benefits on account of which salary deductions
have been accumulated-----\$128,968,204.66

Member's Annuity Reserve Account

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

Superannuation-----\$24,497,675.00
Disability----- 722,065.00
Withdrawal----- 5,915,027.00

Total----- 31,134,767.00

State Annuity Accumulation and Reserve Account for Original Members

(a) Present value of State annuities payable to original members, active and inactive, on account of:

Superannuation allowances-\$18,456,513.00
Disability allowances----- 63,002.00
Withdrawal allowances----- 42,246.00
Death benefits----- 1,042,605.00 \$19,604,366.00

(b) Present value of State annuities payable to original members now on annuity roll because of:

Superannuation-----\$19,912,433.00
Disability----- 182,896.00
Withdrawal----- 4,396,613.00 24,491,942.00

Total----- 44,096,308.00

State Annuity Accumulation Account

Present value of State annuities payable to new members, active and inactive on account of:

Superannuation allowances----- \$147,839,134.00
Disability allowances----- 6,510,269.00
Withdrawal allowances----- 6,409,099.00
Death benefits----- 18,354,717.00

Total----- 179,113,219.00

ACTUARIAL RESERVES AND OTHER LIABILITIES - MAY 31, 1960
(continued)

State Annuity Reserve Account

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

Superannuation-----	\$26,647,902.00	
Disability-----	1,698,656.00	
Withdrawal-----	<u>8,562,800.00</u>	

Total-----\$ 36,909,358.00

State Police Member's Annuity Reserve Account

Present value of members' annuities on the roll----- 1,891,587.00

State Police Benefit Account

Present value of State annuities on the roll--	\$ 8,787,889.00	
Balance for future State annuities-----	<u>1,297,380.27</u>	10,085,269.27

Other Liabilities

Reserve for outstanding checks----- 4,895.15

Total actuarial reserves and other liabilities-----\$432,203,608.08

EXPLANATORY REMARKS RELATING TO VALUATION BALANCE SHEET

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 \$128,968,204.66 and necessarily is the equivalent of the balance in the Member's Annuity Savings Account included among the account balances. 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>
1956-----	\$ 87,029,332.01
1957-----	95,342,717.78
1958-----	104,678,999.92
1959-----	117,808,848.45
1960-----	128,968,204.66

It is of interest to note that during the last four-year period this account balance increased by \$41,938,872.63.

Member's Annuity Reserve Account

The present value of members' annuities payable to members now on the annuity roll because of superannuation amounts to \$24,497,675.00; for disability, \$722,065.00, and for withdrawal, \$5,915,027.00, or a total of \$31,134,767.00. The balance in the Member's Annuity Reserve Account as of May 31, 1960 was \$30,898,305.45, and as shown the calculated actuarial reserve for the outstanding members' annuities as of the same date amounted to \$31,134,767.00. Therefore, the required reserve is greater than the account balance by \$236,461.36. 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 as shown on the following page.

<u>Year</u>	<u>Present value of present annuities</u>	<u>Account balance before adjustment</u>	<u>Adjustment to account balance</u>
1956-----	\$19,114,777.00	\$18,208,131.99	(+) \$906,645.01
1957-----	21,614,893.00	21,350,746.84	(+) 264,146.16
1958-----	25,597,502.00	24,881,342.19	(+) 716,159.81
1959-----	28,618,903.00	27,843,611.75	(+) 775,291.25
1960-----	31,134,767.00	30,898,305.64	(+) 236,461.36

State Annuity Accumulation and Reserve Account for Original Members

The present value of the State annuities payable to original members out of State Annuity Accumulation and Reserve Account for Original Members is as follows:

(a) Not on annuity roll but who may receive annuities in the future-----	\$19,604,366.00
(b) Now on annuity roll-----	<u>24,491,942.00</u>
Total-----	<u>\$44,096,308.00</u>

The balance in the State Annuity Accumulation and Reserve Account for Original Members available for meeting these reserves is \$11,954,505.45 so that \$32,141,802.55 represents the present value of the future appropriations creditable to this account to make up the difference between the balances available and the total required reserves. The required reserves, the balances in the account and the present value of future appropriations as of the close of each of the last five fiscal years are as shown below:

<u>Year</u>	<u>Present value of future annuities</u>	<u>Present value of present annuities</u>	<u>Total</u>	<u>Account balance</u>	<u>Present value of future appropriations</u>
1956-----	\$15,051,569	\$17,220,283	\$32,271,852	\$ 8,367,136.83	\$23,904,715.17
1957-----	16,046,442	19,707,912	35,754,354	8,846,504.05	26,907,849.95
1958-----	16,060,143	21,558,642	37,618,785	9,862,315.17	27,756,469.83
1959-----	20,943,545	22,984,800	43,928,345	11,045,561.88	32,882,783.12
1960-----	19,604,366	24,491,942	44,096,308	11,954,505.45	32,141,802.55

State Annuity Accumulation Account

The present value of the future State annuities payable to new members not yet on the annuity roll is \$179,113,219.00.

The balance in the State Annuity Accumulation Account available for meeting these reserves is \$48,821,419.58, plus an adjustment item of \$200,255.07 transferred from the State Annuity Reserve Account or a balance after adjustment of \$49,021,674.65, so that \$130,091,544.35 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>Present value of future annuities</u>	<u>Account balance after adjustment</u>	<u>Present value of future appropriations</u>
1956-----	\$ 97,906,002.00	\$32,558,314.16	\$ 65,347,687.84
1957-----	105,543,131.00	34,859,054.42	70,684,076.58
1958-----	133,797,272.00	37,480,887.43	96,316,384.57
1959-----	149,078,678.00	40,306,515.08	108,772,162.92
1960-----	179,113,219.00	49,021,674.65	130,091,544.35

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, 1960 amounted to \$36,909,358.00. The balance in the State Annuity Reserve Account as of May 31, 1960 was \$37,109,613.07. The excess of the account balance amounting to \$200,255.07, over the required reserve was transferred to the State Annuity Accumulation 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 below:

<u>Year</u>	<u>Present value of present annuities</u>	<u>Account balance before adjustment</u>		<u>Adjustment to account balance</u>
1956-----	\$ 20,254,539.00	\$19,777,511.00	(+)	\$477,028.00
1957-----	24,422,710.00	23,853,425.37	(+)	569,284.63
1958-----	28,987,162.00	28,083,832.21	(+)	903,329.79
1959-----	33,318,846.00	32,421,315.90	(+)	897,530.10
1960-----	36,909,358.00	37,109,613.07	(-)	200,255.07

State Police Member's Annuity Reserve Account

The calculated reserve required for the outstanding members' annuities payable to retired State police as of May 31, 1960 amounted to \$1,891,587.00. The corresponding amount is shown as the account balance with the adjusting payment coming from the State Police Benefit Account.

State Police Benefit Account

The regular contributions and reserves on account of State police will provide the regular benefits outlined under the State Employees' Retirement law. All special additional benefits provided to the State police (members of Class C) are financed out of funds contributed for such purposes through the casualty premium tax allocations and special appropriations. The calculated reserve for the State annuities payable to retired State police as of May 31, 1960 amounted to \$8,787,889.00. Since the account balance in the State Police Benefit Account, after making the necessary transfer to the State Police Member's Annuity Reserve Account, amounts to \$10,085,269.27, this means that the balance in the account for future State annuities of present active and inactive State police amounts to \$1,297,380.27.

The balance available for future annuities increased to \$1,297,380.27 from the corresponding balance of \$979,544.40 as of May 31, 1959.

Remaining Account Balances

The item of \$4,895.15 is the reserve for outstanding checks.

SCHEDULE OF MEMBERSHIP AS OF MAY 31, 1960

The following schedules of the membership as of May 31, 1960 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 1960 separated according to whether or not they are contributors or annuitants, whether original members or new members. 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 and class of membership, the total number and total salary of the male original members still remaining in active membership.

In Schedule B, there are shown according to attained age and class of membership, the total number and total salary of the female original members still remaining in active membership.

In Schedule C, there are shown according to attained age and class of membership, the total number and total salary of the male new members still remaining in active membership.

In Schedule D, there are shown according to attained age and class of membership, the total number and total salary of the female new members still remaining in active membership.

In Schedule E, there is shown a summary of the four preceding schedules, including the total number of active members and the total annual salaries.

In Schedule F, 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 ages are less than 60 were members of the State police.

In Schedule G, 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. The annuitants whose attained ages are less than 60 were members of the State police.

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

In Schedule J, 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 K, there are shown according to attained age and sex the number of new members who are receiving disability annuities and the total amounts of members' annuities and State annuities.

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

In Schedule M, 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 N, 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 of withdrawal annuitants who selected either option #2 or option #3 and predeceased their beneficiaries. The amounts of annuities shown are the amounts being continued to the beneficiaries during lifetime.

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

In Schedule P, there is shown the summary of all annuities outstanding as of May 31, 1960 whether superannuation, disability or withdrawal and whether being paid to original members or new members or their survivors.

The total number of original members on the annuity roll as of May 31, 1960 was 1,941 receiving \$1,161,239.69 in members' annuities and \$2,775,942.48 in State annuities, a total of \$3,937,182.17.

The total number of new members on the annuity roll as of May 31, 1960 was 5,987 receiving \$2,297,740.64 in members' annuities and \$4,074,687.96 in State annuities, a total of \$6,372,428.60.

The combined number of new and original members on the annuity roll as of May 31, 1960 was 7,928 receiving \$3,458,980.33 in members' annuities and \$6,850,630.44 in State annuities, a total of \$10,309,610.77.

In Schedule Q, there is shown for comparison the outstanding membership both active and annuitant as of May 31, 1955, May 31, 1956, May 31, 1957, May 31, 1958, May 31, 1959 and May 31, 1960.

ACTIVE MEMBERSHIP - as of MAY 31, 1960

ORIGINAL MEMBERS - MALE

<u>CLASS</u>	<u>A</u>		<u>B</u>		<u>C</u>		<u>D</u>		<u>E</u>		
	<u>Att'd Age 1960</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	
46	-	-	\$	-	\$	1	6,000	-	\$	1	6,000
47	-	-	-	-	-	1	6,000	-	-	1	6,000
49	-	-	-	-	-	1	6,000	-	-	2	19,000
51	-	-	-	-	-	1	6,000	-	-	2	38,000
52	4	22,923	-	-	-	1	6,000	-	-	1	22,500
53	11	66,256	-	-	-	2	12,000	-	-	2	45,000
54	7	57,127	-	-	-	3	18,000	-	-	1	20,000
55	22	154,627	-	-	1	5,100	24,000	-	-	3	68,000
56	20	149,140	-	-	3	8,437	6,000	-	-	1	22,500
57	22	153,391	-	-	-	24,583	18,000	-	-	3	70,500
58	32	217,944	-	-	-	-	-	-	-	-	-
59	39	288,714	-	-	-	-	12,000	-	-	-	-
60	44	324,184	-	-	-	-	30,000	-	-	-	-
61	46	349,328	-	-	-	-	18,000	-	-	-	-
62	37	252,339	-	-	-	-	6,000	-	-	1	20,000
63	32	224,287	-	-	-	-	-	-	-	2	48,000
64	36	241,633	-	-	-	-	12,000	-	-	1	20,000
65	22	166,328	-	-	-	-	-	-	-	1	20,000
66	15	119,413	-	-	-	-	18,000	-	-	-	-
67	12	93,779	-	-	-	-	6,000	-	-	1	18,000
68	5	28,754	-	-	-	-	-	-	-	1	22,500
69	5	42,867	-	-	-	-	6,000	-	-	1	22,500
70	3	20,942	-	-	-	-	12,000	-	-	-	-

ACTIVE MEMBERSHIP - as of MAY 31, 1960

ORIGINAL MEMBERS - MALE

CLASS	A		B		C		D		E		Grand Total	
	Att'd	Total Salary	No.	Total Salary	No.	Total Salary	No.	Total Salary	No.	Total Salary		
71	\$	42,401	-	\$	-	\$	2	\$ 12,000	1	\$ 19,000	6	\$ 73,401
72		11,489	-	-	-	-	-	-	2	59,000	4	70,489
73		21,204	-	-	-	2	12,000	-	1	22,500	6	55,704
74		2,934	-	-	-	-	-	-	-	-	1	2,934
75		33,969	-	-	-	1	6,000	-	1	22,500	6	62,469
76		4,605	-	-	-	-	-	-	-	-	1	4,605
78		16,418	-	-	-	1	6,000	-	-	-	3	22,418
80		-	-	-	-	1	6,000	-	-	-	1	6,000
81		-	-	-	-	2	12,000	-	-	-	2	12,000
83		-	-	-	-	2	12,000	-	-	-	2	12,000
Total		\$3,106,996	1	\$5,529	5	\$38,120	49	\$294,000	27	\$599,500	511	\$4,044,145

ACTIVE MEMBERSHIP - as of MAY 31, 1960

ORIGINAL MEMBERS - FEMALE

<u>CLASS</u>	<u>A</u>		<u>B</u>		<u>C</u>		<u>D</u>		<u>E</u>		
	<u>Att'd Age 1960</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	
51	2	\$ 11,697	\$ -	-	-	-	-	-	-	2	\$ 11,697
52	6	26,028	-	-	-	-	-	-	-	6	26,028
53	14	63,426	-	-	-	\$12,000	-	-	-	15	69,426
54	25	109,612	3,742	1	-	-	-	-	-	26	113,354
55	21	96,887	-	-	-	-	-	-	-	21	96,887
56	19	83,122	-	-	-	-	-	-	-	19	83,122
57	27	115,433	-	-	-	-	-	-	-	27	115,433
58	31	165,381	-	-	-	-	-	-	-	31	165,381
59	28	143,422	5,268	1	-	-	-	-	-	29	148,690
60	31	162,639	-	-	-	-	-	-	-	31	162,639
61	30	138,200	3,077	1	-	6,000	-	-	-	31	141,277
62	24	122,905	-	-	-	-	-	-	-	25	128,905
63	17	84,932	-	-	-	-	-	-	-	17	84,932
64	13	60,064	-	-	-	-	-	-	-	13	60,064
65	1	6,390	-	-	-	-	-	-	-	1	6,390
66	3	12,257	-	-	-	-	-	-	-	3	12,257
67	4	23,528	-	-	-	-	-	-	-	4	23,528
68	5	39,363	-	-	-	-	-	-	-	5	39,363
69	2	6,637	-	-	-	-	-	-	-	2	6,637
71	2	8,606	-	-	-	-	-	-	-	2	8,606
72	1	9,011	-	-	-	-	-	-	-	1	9,011
73	2	9,545	-	-	-	-	-	-	-	2	9,545
75	1	2,934	-	-	-	-	-	-	-	1	2,934
84	1	3,077	-	-	-	-	-	-	-	1	3,077
<u>Total</u>	<u>310</u>	<u>\$1,505,096</u>	<u>\$12,087</u>	<u>3</u>	<u>-</u>	<u>\$18,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>315</u>	<u>\$1,529,183</u>

ACTIVE MEMBERSHIP - as of MAY 31, 1960

NEW MEMBERS - MALE

CLASS	Att'd Age 1960	A		B		C		D		E		Grand	
		No.	Total Salary	No.	Total Salary	No.	Total Salary	No.	Total Salary	No.	Total Salary	No.	Total Salary
	16	2	\$ 4,824	-	\$ -	-	\$ -	-	\$ -	-	\$ -	2	\$ 4,824
	17	1	3,423	-	-	-	-	-	-	-	-	1	3,423
	18	107	300,153	-	-	-	-	-	-	-	-	107	300,153
	19	240	675,485	-	-	1	2,660	-	-	-	-	241	678,145
	20	354	1,064,635	-	-	-	-	-	-	-	-	354	1,064,635
	21	441	1,384,566	-	-	6	13,549	-	-	-	-	447	1,398,115
	22	525	1,725,998	-	-	39	113,132	-	-	-	-	564	1,839,130
	23	575	1,977,710	-	-	54	191,762	-	-	-	-	629	2,169,472
	24	587	2,116,297	-	-	42	156,740	-	-	-	-	629	2,273,037
	25	616	2,265,086	-	-	70	278,533	-	-	-	-	686	2,543,619
	26	639	2,456,324	-	-	53	205,964	-	-	-	-	692	2,662,288
	27	714	2,799,938	-	-	57	238,656	-	-	-	-	771	3,038,594
	28	724	2,887,090	-	-	66	283,128	-	-	-	-	790	3,170,218
	29	816	3,479,707	-	-	83	359,987	-	-	-	-	899	3,839,694
	30	815	3,467,578	-	-	63	269,447	-	-	-	-	878	3,737,025
	31	867	3,831,261	-	-	59	262,724	-	-	-	-	926	4,093,985
	32	931	4,207,822	-	-	85	386,105	5	30,000	-	-	1,021	4,623,927
	33	846	3,859,402	-	-	95	435,213	2	12,000	-	-	943	4,306,615
	34	886	4,132,159	-	-	93	433,418	2	12,000	-	-	981	4,577,577
	35	960	4,523,934	-	-	83	388,646	2	12,000	-	-	1,045	4,924,580
	36	967	4,532,498	-	-	82	383,443	3	18,000	2	40,000	1,054	4,973,941
	37	903	4,380,833	-	-	75	352,137	7	42,000	1	20,000	986	4,794,970
	38	960	4,517,920	-	-	50	233,231	5	30,000	1	20,000	1,016	4,801,151
	39	966	4,700,389	-	-	60	287,824	7	42,000	1	20,000	1,034	5,050,213
	40	925	4,278,191	-	-	66	313,891	4	24,000	1	20,000	996	4,636,082
	41	931	4,295,738	-	-	38	187,121	3	18,000	-	-	972	4,500,859
	42	955	4,445,970	-	-	36	179,909	4	24,000	2	40,000	997	4,689,879
	43	1,026	4,777,609	-	-	68	355,403	10	60,000	3	41,800	1,107	5,234,812
	44	1,042	4,835,726	-	-	94	499,080	6	36,000	2	40,000	1,144	5,410,806

SCHEDULE C (1)

ACTIVE MEMBERSHIP as of MAY 31, 1960

NEW MEMBERS - MALE

CLASS	Att'd Age 1960	A		B		C		D		E	
		No.	Total Salary	No.	Total Salary	No.	Total Salary	No.	Total Salary	No.	Total Salary
			\$		\$		\$		\$		\$
45	1,042	4,872,200	-	114	603,392	4	24,000	2	40,000	1,162	5,539,592
46	1,156	5,414,473	6,090	98	536,259	4	24,000	2	40,000	1,261	6,020,822
47	1,186	5,474,534	-	76	392,951	4	24,000	4	63,300	1,270	5,954,785
48	1,197	5,559,190	6,390	57	297,347	3	18,000	1	20,000	1,259	5,900,927
49	1,291	6,176,076	4,773	51	281,556	7	42,000	2	40,000	1,352	6,544,405
50	1,302	6,193,885	6,090	23	126,366	2	12,000	3	61,500	1,331	6,399,841
51	1,270	6,055,949	11,097	21	125,185	8	48,000	4	78,500	1,305	6,318,731
52	1,255	6,047,922	26,941	20	133,822	4	24,000	8	142,800	1,292	6,375,585
53	1,217	5,811,345	20,316	22	130,685	5	30,000	4	90,500	1,252	6,082,846
54	1,107	5,430,054	8,932	11	72,585	4	24,000	3	70,000	1,127	5,605,571
55	1,043	5,039,480	16,158	16	101,662	3	18,000	8	152,500	1,073	5,327,800
56	991	4,662,769	11,919	14	80,324	8	48,000	10	203,000	1,025	5,006,012
57	1,069	5,025,819	-	9	60,114	8	48,000	8	157,000	1,094	5,290,933
58	824	3,885,679	7,200	7	33,381	5	30,000	7	157,000	845	4,113,260
59	879	4,070,940	-	3	17,512	3	18,000	9	176,500	894	4,282,952
60	838	3,742,121	5,529	1	3,234	5	30,000	2	42,500	847	3,823,384
61	760	3,524,872	16,900	3	9,401	6	36,000	6	118,500	778	3,705,673
62	751	3,336,914	10,641	2	5,725	5	30,000	7	160,000	767	3,543,280
63	667	3,012,762	9,558	1	4,350	4	24,000	4	60,300	678	3,110,970
64	602	2,754,108	5,560	2	5,725	-	-	9	172,300	615	2,937,693
65	381	1,710,281	10,641	1	2,925	4	24,000	5	92,300	393	1,840,147
66	286	1,331,248	4,773	-	-	1	6,000	5	103,000	293	1,445,021
67	227	1,068,265	-	-	-	2	12,000	8	163,000	237	1,243,265
68	168	812,414	-	2	5,582	1	6,000	6	109,300	177	933,296
69	128	581,394	5,007	-	-	1	6,000	3	62,500	133	654,901
70	131	682,543	8,163	-	-	1	6,000	4	74,000	137	770,706

ACTIVE MEMBERSHIP - as of MAY 31, 1960

NEW MEMBERS - MALE

<u>CLASS</u>	<u>A</u>		<u>B</u>		<u>C</u>		<u>D</u>		<u>E</u>			
	<u>Att'd Age 1960</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>		
71	85	\$	367,205	-	\$	-	\$	-	\$	85		
72	85		392,003	1	6,716	-	-	-	-	86		
73	68		301,251	1	6,716	-	-	20,000	-	70		
74	50		208,553	-	-	1	6,000	-	-	51		
75	46		177,830	-	-	-	-	18,000	-	47		
76	43		169,826	-	-	-	-	40,500	-	45		
77	37		154,835	-	-	-	-	18,000	-	38		
78	29		121,213	-	-	-	-	-	-	29		
79	20		94,248	-	-	1	3,260	20,000	-	22		
80	8		24,316	-	-	-	-	-	-	8		
81	10		39,402	-	-	-	-	-	-	10		
82	7		38,999	-	-	-	-	-	-	7		
83	7		30,395	-	-	-	-	-	-	7		
84	2		7,544	-	-	-	-	-	-	2		
85	3		8,659	-	-	-	-	-	-	3		
86	2		7,974	-	-	-	-	-	-	2		
87	1		3,390	-	-	-	-	-	-	1		
<u>Total</u>	<u>42,592</u>		<u>\$192,353,146</u>	<u>41</u>	<u>\$216,110</u>	<u>2,073</u>	<u>\$9,845,146</u>	<u>\$978,000</u>	<u>153</u>	<u>\$3,008,600</u>	<u>45,022</u>	<u>\$206,401,002</u>

ACTIVE MEMBERSHIP - as of MAY 31, 1960

NEW MEMBERS - FEMALE

CLASS	Att'd Age 1960	A		B		C		D		E	
		Total Salary	No.	Total Salary	No.	Total Salary	No.	Total Salary	No.	Total Salary	No.
	17	\$ 38,756	-	\$ -	-	\$ -	-	\$ -	-	\$ -	15
	18	774,266	-	-	1	2,530	-	-	-	-	294
	19	1,465,253	-	-	5	13,614	-	-	-	-	543
	20	1,641,755	-	-	9	27,070	-	-	-	-	594
	21	1,820,724	-	-	9	27,631	-	-	-	-	623
	22	1,929,899	-	-	3	9,258	-	-	-	-	626
	23	1,702,517	-	-	2	6,351	-	-	-	-	535
	24	1,658,209	-	-	1	3,390	-	-	-	-	495
	25	1,473,898	-	-	6	20,263	-	-	-	-	445
	26	1,251,838	-	-	4	12,441	-	-	-	-	367
	27	1,271,183	1	4,551	2	7,485	-	-	-	-	373
	28	1,262,621	-	-	1	4,251	-	-	-	-	374
	29	1,351,430	-	-	3	11,436	-	-	-	-	403
	30	1,325,130	-	-	1	3,390	-	-	-	-	388
	31	1,333,106	-	-	-	-	-	-	-	-	388
	32	1,479,532	-	-	1	3,560	-	-	-	-	427
	33	1,524,216	-	-	2	6,676	-	-	-	-	441
	34	1,416,147	-	-	1	3,560	-	-	-	-	406
	35	1,599,655	-	-	3	8,945	-	-	-	-	466
	36	1,788,602	-	-	-	-	-	-	-	-	521
	37	1,811,903	-	-	3	12,205	-	-	-	-	519
	38	1,821,985	-	-	1	4,329	-	-	-	-	528
	39	2,059,458	-	-	3	9,793	-	-	-	-	590
	40	2,232,341	-	-	4	13,978	-	-	-	-	632
	41	2,221,251	-	-	3	9,714	-	-	-	-	647
	42	2,249,501	-	-	2	7,263	-	-	18,000	-	639
	43	2,377,031	-	-	2	7,681	-	-	-	-	675
	44	2,554,620	-	-	2	6,637	-	6,000	-	-	732

ACTIVE MEMBERSHIP - as of May 31, 1960

NEW MEMBERS - FEMALE

<u>CLASS</u>	<u>A</u>		<u>B</u>		<u>C</u>		<u>D</u>		<u>E</u>		<u>Grand</u>	
	<u>Att'd</u> <u>Age</u> <u>1960</u>	<u>No.</u>	<u>Total</u> <u>Salary</u>	<u>No.</u>	<u>Total</u> <u>Salary</u>	<u>No.</u>	<u>Total</u> <u>Salary</u>	<u>No.</u>	<u>Total</u> <u>Salary</u>	<u>No.</u>	<u>Total</u> <u>Salary</u>	<u>No.</u>
45	809	\$ 2,942,732	-	-	2	\$ 6,976	-	\$ -	-	-	811	\$ 2,949,708
46	812	2,990,859	1	2,791	1	3,742	-	-	-	-	814	2,997,392
47	815	2,977,234	-	-	-	-	-	-	-	-	815	2,977,234
48	780	2,883,825	-	-	1	4,121	1	6,000	-	-	782	2,893,946
49	809	3,060,769	-	-	4	13,444	2	12,000	-	-	815	3,086,213
50	713	2,702,796	-	-	3	12,333	-	-	-	-	716	2,715,129
51	738	2,775,083	-	-	3	10,236	-	-	-	-	741	2,785,319
52	763	2,876,325	-	-	-	-	-	-	-	-	763	2,876,325
53	674	2,479,474	-	-	-	-	-	-	-	-	675	2,482,551
54	603	2,232,010	1	3,077	3	10,784	1	6,000	-	-	608	2,251,871
55	545	2,083,994	1	3,077	1	2,934	-	-	-	-	547	2,090,318
56	491	1,844,174	1	3,390	1	2,934	-	-	-	-	492	1,847,108
57	487	1,752,325	2	8,007	1	2,934	-	-	-	-	490	1,763,266
58	386	1,454,239	-	-	2	6,154	-	-	-	-	388	1,460,393
59	414	1,523,490	1	3,925	-	-	2	12,000	-	-	417	1,539,415
60	398	1,454,642	-	-	-	-	-	-	-	-	398	1,454,642
61	319	1,159,874	-	-	2	6,154	-	-	-	-	321	1,166,028
62	295	1,073,647	-	-	1	4,121	-	-	-	-	296	1,077,768
63	235	872,129	-	-	1	2,934	-	-	-	-	236	875,063
64	204	761,509	-	-	-	-	1	6,000	-	-	205	767,509
65	135	504,728	-	-	-	-	-	-	-	-	135	504,728
66	103	376,439	2	8,698	-	-	-	-	-	-	105	385,137
67	90	356,473	-	-	-	-	-	-	-	-	90	356,473
68	62	217,657	-	-	-	-	2	12,000	-	-	64	229,657
69	55	194,583	-	-	-	-	-	-	-	-	55	194,583

ACTIVE MEMBERSHIP - as of MAY 31, 1960

NEW MEMBERS - FEMALE

<u>CLASS</u>	<u>Att'd Age 1960</u>	<u>A</u>		<u>B</u>		<u>C</u>		<u>D</u>		<u>E</u>		<u>Grand</u>	
		<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>	<u>No.</u>	<u>Total Salary</u>
	70	43	\$ 153,046	1	\$ 3,390	-	\$ -	-	\$ -	1	\$18,000	45	\$ 174,436
	71	35	111,851	-	-	-	-	-	-	-	-	35	111,851
	72	30	111,712	-	-	-	-	-	-	-	-	30	111,712
	73	14	42,469	-	-	-	-	-	-	-	-	14	42,469
	74	19	58,553	-	-	-	-	-	-	-	-	19	58,553
	75	14	47,153	-	-	-	-	-	-	-	-	14	47,153
	76	11	34,950	-	-	-	-	-	-	-	-	11	34,950
	77	4	13,001	-	-	-	-	-	-	-	-	4	13,001
	78	5	19,563	-	-	-	-	-	-	-	-	5	19,563
	79	2	6,637	-	-	-	-	-	-	-	-	2	6,637
	80	1	3,234	-	-	-	-	-	-	-	-	1	3,234
	83	1	3,742	-	-	-	-	-	-	-	-	1	3,742
	84	2	7,537	-	-	-	-	-	-	-	-	2	7,537
<u>Total</u>		<u>25,525</u>	<u>\$89,601,285</u>	<u>11</u>	<u>\$40,906</u>	<u>100</u>	<u>\$333,252</u>	<u>10</u>	<u>\$60,000</u>	<u>2</u>	<u>\$36,000</u>	<u>25,648</u>	<u>\$90,071,443</u>

SUMMARY OF ACTIVE MEMBERSHIP - AS OF MAY 31, 1960

	<u>ORIGINAL MEMBERS</u>		<u>NEW MEMBERS</u>		<u>TOTAL MEMBERS</u>	
	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>	<u>Number</u>	<u>Total Salary</u>
Male-----	511	\$4,044,145	45,022	\$206,401,002	45,533	\$210,445,147
Female-----	315	1,529,183	25,648	90,071,443	25,963	91,600,626
Total-----	826	\$5,573,328	70,670	\$296,472,445	71,496	\$302,045,773

SUPERANNUATION ANNUITIES - as of MAY 31, 1960

ORIGINAL MEMBERS

Attained Age 1960	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
52	1	\$ 481.83	\$ 2,381.90	-	\$ -	\$ -
53	2	1,019.60	6,744.38	-	-	-
54	1	457.17	2,211.31	-	-	-
55	2	556.61	4,180.50	-	-	-
56	1	117.65	682.45	-	-	-
57	1	372.53	1,736.88	-	-	-
58	2	673.40	3,390.95	-	-	-
59	7	3,898.95	17,295.37	3	1,624.91	5,889.57
60	34	16,395.11	43,582.79	3	1,404.18	5,028.67
61	7	4,748.78	16,340.49	3	1,366.37	5,245.97
62	19	13,020.25	45,794.66	9	4,624.90	13,636.38
63	19	11,868.76	51,081.08	11	4,976.81	17,163.78
64	34	23,019.57	82,085.86	22	9,117.25	31,576.47
65	45	29,871.71	100,771.63	21	9,693.52	32,247.08
66	51	37,913.99	117,812.63	21	10,807.56	34,423.98
67	52	40,940.96	126,478.90	30	15,390.55	43,080.94
68	69	68,474.42	174,145.93	26	14,363.56	42,232.29
69	44	33,247.66	83,040.57	20	12,072.27	32,515.26
70	60	50,818.19	116,756.87	25	14,274.00	39,209.20
71	49	32,708.98	82,144.93	23	12,736.20	32,726.25
72	41	36,821.67	84,780.35	16	8,456.64	20,812.25
73	47	41,204.95	93,975.46	25	13,595.86	29,624.49
74	40	49,131.04	87,742.02	17	9,336.44	19,122.52
75	30	33,322.79	54,813.95	20	10,785.71	19,659.37
76	23	15,052.16	30,028.46	15	10,123.02	16,152.72
77	27	30,222.81	45,597.31	12	7,548.80	13,188.36
78	25	25,671.99	43,882.20	8	5,435.20	8,038.27
79	35	35,404.41	50,122.67	14	9,564.96	13,052.59
80	26	30,015.72	40,266.01	4	1,310.55	2,418.21
81	19	24,960.50	25,307.80	9	3,881.51	5,223.85
82	17	29,008.21	31,102.68	7	3,031.68	5,356.39
83	12	8,464.32	12,352.74	4	1,275.92	2,596.18
84	18	20,065.06	22,312.58	7	6,813.56	4,537.56
85	11	6,647.28	10,293.29	3	1,018.54	2,487.42
86	12	4,031.17	9,869.73	6	2,078.80	6,508.66
87	6	1,128.17	6,707.85	4	1,655.18	2,442.18
88	6	6,207.10	10,910.99	5	883.34	2,745.85
89	3	1,065.70	2,423.21	2	549.77	1,441.65
90	5	1,051.96	3,417.92	1	136.95	815.49
91	1	233.45	294.77	2	435.76	577.04
92	2	399.57	1,294.06	-	-	-
93	3	281.41	2,243.74	1	205.63	410.52
94	4	183.18	2,312.03	-	-	-
95	1	693.62	1,406.42	1	105.19	69.04
100	1	2.77	869.50	-	-	-
109	1	682.06	1,776.07	-	-	-
Total	<u>916</u>	<u>\$772,559.19</u>	<u>\$1,754,763.89</u>	<u>400</u>	<u>\$210,681.09</u>	<u>\$512,256.45</u>

SCHEDULE F

SUPERANNUATION ANNUITIES - as of MAY 31, 1960

NEW MEMBERS

Attained Age 1960	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
36	1	\$ 731.13	\$ 341.78	-	\$ -	\$ -
49	7	2,802.27	15,871.26	-	-	-
50	3	1,302.98	7,371.87	1	504.03	3,459.05
51	14	5,279.45	30,187.12	-	-	-
52	13	5,082.57	27,663.19	1	204.24	976.61
53	14	4,979.88	26,227.51	-	-	-
54	12	4,227.60	20,632.43	1	145.78	377.49
55	25	9,393.62	48,391.60	2	416.26	2,249.49
56	9	3,017.68	16,163.51	-	-	-
57	18	6,215.98	30,769.97	-	-	-
58	15	5,291.14	24,333.89	-	-	-
59	16	6,642.48	21,537.14	7	2,162.84	6,412.00
60	21	10,581.59	31,594.00	4	1,865.41	6,170.20
61	29	15,456.57	48,361.57	25	10,008.10	21,327.42
62	55	30,144.71	78,738.93	38	14,300.73	36,027.17
63	49	23,171.31	63,107.94	60	21,876.80	46,754.35
64	142	59,162.69	127,099.15	99	35,245.55	73,319.91
65	193	78,337.04	174,601.49	99	37,127.34	79,716.65
66	233	93,531.64	182,270.43	137	49,721.92	99,934.23
67	238	102,285.24	193,499.35	127	46,756.07	87,650.13
68	187	87,760.80	144,954.82	103	39,370.62	63,273.88
69	184	84,055.53	128,750.64	97	37,580.74	55,228.02
70	161	75,829.92	113,858.64	105	41,546.39	58,638.85
71	154	68,178.48	101,167.81	63	22,809.56	33,679.97
72	150	81,018.84	107,749.30	60	23,381.87	34,863.01
73	121	59,868.28	77,767.96	47	21,110.82	23,651.44
74	90	39,926.43	52,597.35	49	24,928.27	26,114.51
75	107	59,630.37	63,995.53	40	18,013.06	18,847.88
76	98	50,597.96	56,736.64	43	18,936.51	19,586.09
77	87	49,001.99	52,355.92	17	9,159.64	7,836.39
78	51	26,178.12	22,306.53	19	7,122.08	5,798.92
79	46	28,434.77	25,584.96	16	5,196.14	4,285.38
80	64	54,293.73	36,206.25	24	8,669.67	7,055.95
81	31	17,062.41	12,001.82	11	5,628.61	5,121.25
82	20	9,288.44	8,509.60	4	1,369.02	813.10
83	16	9,385.39	7,276.36	8	3,219.52	2,164.94
84	10	14,820.96	7,342.28	5	5,710.23	3,320.78
85	9	5,838.20	2,647.49	2	404.77	335.25
86	12	4,315.77	2,627.52	2	391.48	258.33
87	8	2,255.16	1,361.61	2	946.16	628.83
88	5	14,466.03	7,187.42	1	200.74	184.69
89	1	37.61	28.51	-	-	-
90	1	560.95	385.95	1	98.83	92.97
94	-	-	-	1	477.49	1,077.95
97	1	461.48	964.03	-	-	-
102	1	525.31	672.76	-	-	-
103	1	255.16	182.29	-	-	-
Total	2,723	\$1,311,685.66	\$2,203,984.12	1,321	\$516,607.29	\$837,233.08

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

ORIGINAL MEMBERS

Attained Age 1960	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
48	-	\$ -	\$ -	1	\$ 349.06	\$ 691.23
54	-	-	-	1	765.75	1,137.65
55	1	136.49	319.25	1	388.19	1,765.75
56	1	69.09	287.32	-	-	-
57	-	-	-	1	70.76	173.56
58	-	-	-	1	30.33	1,721.25
61	-	-	-	1	46.51	232.96
62	-	-	-	1	89.44	131.35
64	-	-	-	3	1,485.58	3,528.60
65	-	-	-	2	2,824.37	6,022.26
66	-	-	-	1	222.51	612.63
67	-	-	-	9	4,075.98	7,810.04
68	-	-	-	2	653.07	916.02
69	-	-	-	4	937.81	2,303.55
71	-	-	-	1	531.37	595.32
72	-	-	-	2	651.29	1,235.58
73	-	-	-	3	3,972.58	4,501.53
74	-	-	-	7	3,051.91	6,211.92
75	-	-	-	5	1,377.80	2,492.04
76	-	-	-	2	855.78	1,977.47
77	-	-	-	6	1,896.56	4,683.52
78	-	-	-	2	1,044.30	912.56
79	-	-	-	4	697.04	2,055.65
80	-	-	-	2	1,704.30	2,313.37
81	-	-	-	2	872.34	2,279.92
82	-	-	-	4	480.28	935.49
83	-	-	-	6	2,047.99	5,304.45
84	-	-	-	2	776.21	501.24
86	-	-	-	6	615.62	3,041.89
87	-	-	-	1	465.68	2,391.28
88	-	-	-	3	652.82	926.04
89	-	-	-	1	57.20	72.65
90	-	-	-	2	85.74	5,747.44
91	-	-	-	1	57.35	323.07
92	-	-	-	1	4.04	1,003.82
95	-	-	-	1	343.61	1,075.61
Total	<u>2</u>	<u>\$205.58</u>	<u>\$606.57</u>	<u>92</u>	<u>\$34,181.17</u>	<u>\$77,628.71</u>

SCHEDULE H

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

NEW MEMBERS

Attained Age 1960	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
51	-	\$ -	\$ -	1	\$ 573.27	\$ 273.57
53	1	79.10	76.22	-	-	-
55	-	-	-	1	105.19	249.06
60	-	-	-	1	249.97	314.63
63	-	-	-	4	1,906.22	3,253.58
64	-	-	-	2	704.00	990.01
65	-	-	-	3	1,917.37	2,302.90
66	-	-	-	3	1,454.45	1,433.85
67	-	-	-	3	981.03	1,087.16
69	-	-	-	4	2,488.01	2,121.88
70	-	-	-	2	1,019.29	1,201.74
71	-	-	-	5	1,673.15	1,978.85
72	-	-	-	4	4,412.67	11,854.09
73	-	-	-	2	651.28	800.90
74	-	-	-	3	1,513.53	1,535.24
75	-	-	-	5	2,815.75	2,512.71
76	-	-	-	2	340.27	526.82
77	-	-	-	1	378.71	473.25
78	-	-	-	1	117.38	89.46
79	-	-	-	1	285.60	254.46
80	-	-	-	2	1,687.71	1,214.13
81	-	-	-	3	893.64	687.03
Total	<u>1</u>	<u>\$ 79.10</u>	<u>\$ 76.22</u>	<u>53</u>	<u>\$26,168.49</u>	<u>\$35,155.32</u>

SCHEDULE I

DISABILITY ANNUITIES - as of MAY 31, 1960

ORIGINAL MEMBERS

Attained Age 1960	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
39	1	\$ 216.80	\$ 652.97	-	\$ -	\$ -
52	-	-	-	1	109.35	332.62
53	-	-	-	1	80.32	337.22
56	-	-	-	1	96.00	401.10
57	-	-	-	1	153.49	881.52
58	-	-	-	2	250.26	657.00
59	3	609.31	1,044.99	2	251.07	521.30
60	3	1,140.55	2,860.07	-	-	-
61	4	799.23	1,666.23	2	198.11	679.01
62	2	614.73	1,150.86	1	505.05	789.09
63	1	93.31	236.91	1	163.71	22.11
64	4	672.12	2,190.61	-	-	-
66	-	-	-	1	161.39	205.66
67	1	331.28	382.72	1	115.00	239.00
68	-	-	-	1	158.00	302.86
69	1	15.96	-	-	-	-
70	-	-	-	1	162.86	217.96
71	2	189.54	751.11	-	-	-
72	3	892.96	1,584.69	1	107.98	214.43
73	1	22.85	247.15	1	372.06	153.39
74	-	-	-	2	439.52	442.48
77	1	421.55	442.45	-	-	-
79	2	597.76	965.32	-	-	-
80	1	225.36	154.40	2	235.15	239.25
82	1	333.00	485.50	1	272.76	474.08
Total	<u>31</u>	<u>\$7,176.31</u>	<u>\$14,815.98</u>	<u>23</u>	<u>\$3,832.08</u>	<u>\$7,110.08</u>

SCHEDULE J

DISABILITY ANNUITIES - as of MAY 31, 1960

NEW MEMBERS

Attained Age 1960	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
27	1	\$ 34.13	\$ 973.08	-	\$ -	\$ -
29	2	153.83	1,855.19	-	-	-
30	1	13.89	652.32	-	-	-
31	2	120.42	1,643.38	-	-	-
33	1	121.44	755.98	1	81.22	737.97
37	1	14.82	99.48	1	83.56	696.03
39	1	139.48	1,096.92	-	-	-
40	1	72.87	533.61	2	129.00	1,049.46
41	1	118.08	763.27	-	-	-
42	4	421.00	3,177.75	-	-	-
43	-	-	-	2	221.98	1,038.62
44	2	336.64	1,404.05	2	267.07	1,444.90
45	2	611.79	2,895.12	5	578.71	2,888.46
46	2	133.35	819.09	2	377.57	1,507.86
47	4	679.79	3,446.74	4	257.13	1,136.54
48	3	322.57	1,843.45	7	1,367.68	5,037.86
49	4	475.36	2,193.70	6	730.22	2,227.84
50	3	503.98	1,970.10	4	1,093.04	2,706.93
51	5	1,749.59	5,939.16	6	1,109.90	3,366.70
52	5	1,141.59	4,157.23	8	1,520.01	5,015.98
53	11	2,308.38	7,163.50	5	1,121.56	3,314.86
54	9	1,899.07	6,047.87	6	1,466.84	4,074.22
55	7	2,037.39	5,990.53	8	1,117.21	3,812.70
56	13	3,350.14	9,812.88	9	1,836.52	4,731.01
57	7	2,342.60	4,291.76	7	1,175.22	3,411.32
58	5	1,337.02	2,962.96	6	1,624.11	2,426.83
59	13	3,568.80	8,275.89	9	1,970.73	4,108.79
60	6	1,680.79	3,431.84	4	1,084.87	1,577.18
61	5	1,183.29	2,101.76	6	1,585.20	3,415.04
62	7	1,419.35	2,880.85	5	1,122.29	2,086.10
63	7	1,764.42	4,131.37	8	1,485.18	3,112.74
64	5	1,057.66	2,156.89	2	214.29	640.06
65	8	3,166.26	5,303.79	5	1,111.60	1,676.91
66	6	1,693.13	3,133.71	1	82.14	339.51
67	3	574.95	925.15	1	174.41	181.88
68	3	525.03	847.38	2	142.21	507.65
69	4	561.07	1,378.84	3	487.39	740.22
71	-	-	-	2	182.49	300.14
72	4	860.49	1,547.33	2	237.95	459.12
73	-	-	-	1	142.16	222.74
77	1	396.12	225.80	-	-	-
78	-	-	-	1	52.81	46.76
82	1	147.61	193.19	-	--	-
84	1	49.21	84.19	-	-	-
Total	<u>171</u>	<u>\$39,087.40</u>	<u>\$109,107.10</u>	<u>143</u>	<u>\$26,234.27</u>	<u>\$70,040.93</u>

SCHEDULE K

WITHDRAWAL ANNUITIES - as of MAY 31, 1960

ORIGINAL MEMBERS

Attained Age 1960	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
36	-	\$ -	\$ -	1	\$ 220.16	\$ 651.57
39	-	-	-	1	128.27	101.85
43	1	166.89	773.01	-	-	-
44	1	68.36	76.78	-	-	-
46	1	207.31	1,310.75	-	-	-
48	-	-	-	1	156.56	286.38
49	1	116.20	171.66	-	-	-
50	1	14.69	58.76	-	-	-
51	1	461.72	2,644.17	-	-	-
52	2	601.50	3,516.94	-	-	-
53	6	1,178.79	3,057.01	2	318.50	614.25
54	8	1,315.13	5,138.21	8	1,183.95	2,083.08
55	13	2,882.62	11,008.00	8	1,585.69	4,346.60
56	7	1,979.77	5,804.32	6	1,568.25	4,423.57
57	14	3,550.63	10,618.67	9	2,249.27	6,852.03
58	20	5,073.57	17,900.54	6	1,290.22	3,288.01
59	19	5,584.29	18,305.05	8	2,199.10	6,895.89
60	23	8,029.60	32,755.39	9	2,462.10	9,851.13
61	18	6,645.38	26,863.67	11	2,850.02	8,337.19
62	18	6,875.16	24,581.47	7	1,718.10	5,245.30
63	20	9,622.33	30,877.16	6	1,548.14	5,969.73
64	13	5,437.38	16,542.18	9	1,675.18	5,019.70
65	8	4,908.22	14,461.12	3	1,495.49	3,402.59
66	7	2,169.59	3,542.06	7	1,048.17	2,724.75
67	7	1,488.92	3,123.55	5	1,067.69	3,168.23
68	5	1,327.46	3,165.73	5	1,548.65	4,849.47
69	8	2,321.49	5,383.65	3	307.69	342.80
70	7	1,785.04	4,493.90	3	755.63	1,688.10
71	6	2,638.82	5,736.40	4	630.61	1,129.03
72	3	1,501.94	3,320.83	5	491.27	1,084.52
73	6	1,166.09	2,263.80	4	566.53	633.80
74	5	772.35	1,966.61	4	512.28	797.51
75	6	3,420.84	7,239.74	1	157.67	302.94
76	13	2,538.23	7,628.04	6	951.49	2,099.01
77	4	745.60	2,540.19	1	432.07	405.74
78	3	521.37	1,675.90	3	223.78	733.05
79	8	1,482.69	5,583.14	2	280.60	630.81
80	4	653.48	3,538.54	6	1,152.23	2,061.62
81	3	892.14	2,603.96	-	-	-
82	1	186.00	398.29	1	125.46	409.59
83	1	73.44	1,501.75	3	476.66	1,157.23
84	2	619.78	1,854.70	3	444.36	1,635.18
85	1	130.67	575.40	1	84.20	167.21
Total	<u>295</u>	<u>\$91,155.48</u>	<u>\$294,601.04</u>	<u>162</u>	<u>\$33,906.04</u>	<u>\$93,389.46</u>

SCHEDULE L

WITHDRAWAL ANNUITIES - as of MAY 31, 1960

NEW MEMBERS

Attained Age 1960	M A L E			F E M A L E		
	Number	Member's Annuity	State Annuity	Number	Member's Annuity	State Annuity
22	-	\$ -	\$ -	1	\$ 99.76	\$ 61.80
35	1	75.42	42.76	-	-	-
36	-	-	-	4	743.08	2,116.20
37	-	-	-	1	97.75	65.13
38	1	125.98	320.84	3	321.08	236.82
39	2	206.53	194.35	2	495.90	1,244.71
40	2	204.19	155.86	2	243.11	219.05
41	4	617.93	640.70	3	343.02	323.48
42	6	649.28	686.59	5	624.22	647.18
43	4	516.55	971.82	7	787.10	655.22
44	8	948.62	1,570.25	9	1,187.03	1,946.49
45	16	2,698.07	4,704.12	7	783.66	1,032.62
46	20	3,698.64	6,953.05	7	1,166.16	1,656.08
47	16	3,105.47	6,349.94	6	994.88	1,035.47
48	26	5,507.97	13,819.46	7	1,096.28	1,400.02
49	40	6,906.58	14,475.10	16	2,927.78	4,397.69
50	49	10,128.63	23,593.00	10	1,778.02	2,905.09
51	52	10,265.49	24,065.94	15	2,901.50	4,827.75
52	73	16,685.44	39,370.90	17	4,038.20	7,595.78
53	65	14,851.68	38,444.24	18	3,794.18	7,377.90
54	73	16,156.53	45,159.27	18	3,719.02	6,609.12
55	67	16,202.67	42,315.37	23	5,409.54	10,271.54
56	66	16,821.32	35,098.07	11	2,111.04	4,254.99
57	72	18,428.23	38,378.40	15	3,732.50	7,955.93
58	84	21,933.13	45,650.00	16	3,263.25	6,945.95
59	69	19,057.28	42,756.43	19	4,540.64	8,379.65
60	82	23,381.61	45,817.54	20	4,918.07	10,227.53
61	81	23,060.02	49,154.27	17	3,786.34	8,209.37
62	78	22,706.12	50,548.32	9	2,366.43	4,454.31
63	79	23,028.38	49,034.86	11	3,376.53	8,663.37
64	56	16,742.61	36,390.11	5	1,080.61	2,119.04
65	20	5,311.16	11,289.07	5	1,208.15	3,339.72
66	2	1,302.26	2,140.05	1	288.41	804.40
67	3	834.70	1,282.77	1	220.64	1,106.99
68	3	560.23	516.97	1	53.57	36.60
69	2	615.88	635.28	1	94.33	94.29
70	3	378.14	1,330.61	1	403.18	538.40
71	-	-	-	1	68.17	60.33
72	3	1,187.52	1,128.63	1	140.16	159.82
74	-	-	-	1	57.08	46.89
75	1	357.99	308.00	1	347.19	416.72
76	2	643.29	604.42	1	99.27	77.60
77	1	613.18	1,154.82	-	-	-
78	2	464.48	1,078.96	1	190.64	198.48
82	1	253.93	260.76	-	-	-
101	1	325.52	555.67	-	-	-
104	1	229.22	362.24	-	-	-
Total	<u>1,237</u>	<u>\$307,787.87</u>	<u>\$679,309.81</u>	<u>320</u>	<u>\$65,897.47</u>	<u>\$124,715.52</u>

WITHDRAWAL ANNUITIES - as of MAY 31, 1960

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

ORIGINAL MEMBERS

<u>Attained Age 1960</u>	<u>M A L E</u>			<u>F E M A L E</u>		
	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>
51	-	\$ -	\$ -	1	\$ 131.73	\$ 121.49
55	-	-	-	1	215.70	461.49
56	-	-	-	1	421.85	855.47
58	-	-	-	1	866.94	2,868.05
59	-	-	-	1	332.20	1,335.88
63	-	-	-	2	750.80	2,108.60
64	-	-	-	1	323.22	561.54
65	-	-	-	1	792.38	1,719.43
66	-	-	-	1	442.06	868.29
67	-	-	-	2	1,148.04	2,738.43
68	-	-	-	1	279.95	1,042.93
71	-	-	-	1	367.68	704.48
72	-	-	-	1	591.81	1,240.47
73	1	250.60	1,045.76	-	-	-
74	-	-	-	1	377.96	1,037.68
78	-	-	-	1	6.40	1,246.42
79	-	-	-	1	57.81	375.85
83	-	-	-	1	185.62	438.04
Total	1	<u>\$250.60</u>	<u>\$1,045.76</u>	<u>19</u>	<u>\$7,292.15</u>	<u>\$19,724.54</u>

SCHEDULE N

WITHDRAWAL ANNUITIES - as of MAY 31, 1960

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

NEW MEMBERS

<u>Attained Age 1960</u>	<u>M A L E</u>			<u>F E M A L E</u>		
	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>	<u>Number</u>	<u>Member's Annuity</u>	<u>State Annuity</u>
16	-	-	-	1	\$ 39.55	\$ 117.11
42	-	-	-	1	133.79	97.27
47	-	-	-	1	254.53	1,359.38
48	-	-	-	2	505.44	2,798.57
50	-	-	-	1	174.50	997.99
51	-	-	-	1	325.73	1,749.22
52	-	-	-	1	197.51	503.19
53	-	-	-	1	91.40	185.38
55	-	-	-	1	99.59	95.93
56	-	-	-	1	402.70	2,286.68
57	-	-	-	2	675.04	2,077.84
61	-	-	-	1	319.18	916.12
62	-	-	-	1	392.80	653.01
66	-	-	-	2	406.76	959.44
69	-	-	-	1	174.57	268.73
<u>Total</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>18</u>	<u>\$4,193.09</u>	<u>\$15,065.86</u>

SCHEDULE 0

SUMMARY OF ANNUITIES - as of MAY 31, 1960

	O R I G I N A L M E M B E R S		N E W M E M B E R S	
	Number	Member's Annuity	Number	Member's Annuity
Superannuation				
Male-----	916	\$ 772,559.19	2,723	\$1,311,685.66
Female-----	400	210,681.09	1,321	516,607.29
Surviving Beneficiaries -				
Option #2 or #3:				
Female-----	92	34,181.17	53	26,168.49
Male-----	2	205.58	1	79.10
Total-----	1,410	\$1,017,627.03	4,098	\$1,854,540.54
Disability				
Male-----	31	\$ 7,176.31	171	\$ 39,087.40
Female-----	23	3,832.08	143	26,234.27
Total-----	54	\$ 11,008.39	314	\$ 65,321.67
Withdrawal				
Male-----	295	\$ 91,155.48	1,237	\$ 307,787.87
Female-----	162	33,906.04	320	65,897.47
Surviving Beneficiaries -				
Option #2 or #3:				
Female-----	19	7,292.15	18	4,193.09
Male-----	1	250.60	-	-
Total-----	477	\$ 132,604.27	1,575	\$ 377,878.43
Total Annuities-----	1,941	\$1,161,239.69	5,987	\$2,297,740.64

Total Annuities Payable to Original and New Members: Number----- 7,928

Member's Annuity----- \$3,458,980.33

State Annuity----- 6,850,630.44

TOTAL-----\$10,309,610.77

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, 1955	As of May 31, 1956	As of May 31, 1957
	Number	Number	Number

ORIGINAL MEMBERS - ACTIVE

Male-----	828	\$ 4,834,787	670	\$ 4,188,229	795	\$ 7,378,398
Female-----	336	1,306,976	276	1,096,707	345	1,576,491
<u>Total Membership and Salaries - Original Members-----</u>	<u>1,164</u>	<u>\$ 6,141,763</u>	<u>946</u>	<u>\$ 5,284,936</u>	<u>1,140</u>	<u>\$ 8,954,889</u>

NEW MEMBERS - ACTIVE

Male-----	28,104	\$107,255,045	30,371	\$115,595,684	34,252	\$155,137,450
Female-----	19,318	58,216,300	19,799	59,466,360	20,817	70,996,665
<u>Total Membership and Salaries - New Members-----</u>	<u>47,422</u>	<u>\$165,471,345</u>	<u>50,170</u>	<u>\$175,062,044</u>	<u>55,069</u>	<u>\$226,134,115</u>

Total Membership and Salaries of Original and New Members-----48,586

\$171,613,108

\$180,346,980

56,209

\$235,089,004

ABBY

ANNUITANTS

Original Members-----	1,455		1,690		1,779
New Members-----	1,672		3,632		4,199
<u>Total Annuityants-----</u>	<u>3,127</u>		<u>5,322</u>		<u>5,978</u>
<u>TOTAL MEMBERSHIP-----</u>	<u>51,713</u>		<u>56,438</u>		<u>62,187</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, 1958		As of May 31, 1959		As of May 31, 1960	
	<u>Number</u>	<u>Salary</u>	<u>Number</u>	<u>Salary</u>	<u>Number</u>	<u>Salary</u>
<u>ORIGINAL MEMBERS - ACTIVE</u>						
Male-----	771	\$ 6,101,133	597	\$ 4,621,231	511	\$ 4,044,145
Female-----	279	1,277,166	357	1,654,850	315	1,529,183
Total Membership and Salaries - Original Members-----	1,050	\$ 7,378,299	954	\$ 6,276,081	826	\$ 5,573,328
<u>NEW MEMBERS - ACTIVE</u>						
Male-----	45,658	\$198,999,678	43,732	\$190,715,739	45,022	\$206,401,002
Female-----	26,732	89,565,586	24,624	84,848,133	25,648	90,071,443
Total Membership and Salaries - New Members-----	72,390	\$288,565,264	68,356	\$275,563,872	70,670	\$296,472,445
Total Membership and Salaries of Original and New Members-----	73,440	\$295,943,563	69,310	\$281,839,953	71,496	\$302,045,773
<u>ANNUITANTS</u>						
Original Members-----	1,854		1,908		1,941	
New Members-----	4,876		5,519		5,987	
Total Annuityants-----	6,730		7,427		7,928	
TOTAL MEMBERSHIP-----	80,170		76,737		79,424	